WITHOUT YOU THERE IS NO US.

THE CUSTOMER IS THE BOSS

EST. 1856

McDonald

Water Works

Catalog / Price List

April 2019













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At A.Y. McDonald, you aren't just getting a product; you are getting an innovative solution, access to educational opportunities, and the ability to be treated like family. The customer is the boss and we aim to break the mold on how we reach customer satisfaction. Because in the end, without you, there would be no us.

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MISSION STATEMENT

The mission of A.Y. McDonald Mfg. Co. in the words of our founder is

"To make good products and to sell them honestly."

We, the stockholders and employees, accomplish this by extending the McDonald family culture through excellent customer service and by focusing on our customers' needs.

WHO'S THE BOSS?

Here's a question I'll bet you could ask a thousand working people and never get the right answer. The question is: **"Who's The Boss?"**

There's only one boss, and whether a person shines shoes for a living or heads up the largest corporation in the world, the boss remains the same. **It's The Customer!**

The customer is the person who pays everyone's salary and who decides whether a business is going to succeed or fail. The customer doesn't care if a business has been around a hundred years. The minute it starts treating them badly, the customer will put it out of business.

This boss, the customer, has bought and will buy everything you have or will ever have. The customer has bought all of your clothes, your home, your car, your children's education, and your vacation. They pay all of your bills and they pay them in exact proportion to the way you treat them.

The man who works deep inside a big plant on an assembly line might think he's working for the company that writes his pay check, but he is not. He's working for the person who buys the product at the end of the line, the customer. In fact, this customer can fire everyone in the company from the president on down. And they can do it by simply spending their money someplace else. This is one of the reasons why taking pride in the work we do is so important to us personally. Doing an exceptionally good job will not only bring joy and satisfaction, it will help get more customers, keep the ones we've got, and ensure that we continue to get a pay check from our bosses.

Some of the largest companies that had flourishing businesses a few years ago are no longer in existence. They couldn't - or didn't - satisfy the customer. They forgot who the boss really was!



At A.Y. McDonald we remind ourselves every day that the customer is the boss. It's one of our core values and the reason we provide the best customer service in the business.

CONTROLLING PROVISIONS: These terms and conditions supersede all previous terms and conditions and shall control any sale by A.Y. McDonald Mfg. Co. ("Seller"). No alteration or waiver of these terms and conditions shall be valid unless specifically accepted in writing by an authorized representative of Seller.

PRICES: Billing prices are those in effect at the time the order is shipped. All prices are subject to change without notice. Possession of a price sheet shall not be construed as an offer to sell. Seller reserves the right to reject any order.

TERMS: 2% 10th Prox., Net 25th (A 2% cash discount can be taken on the 10th of the month following the shipment. The month is defined as the 26th through the 25th. For example, a February 25th invoice is due 2% on March 10th, a February 26th invoice is due 2% April 10th, and all invoices are due net the 11th and considered past due on the 26th of the month). Without open credit terms, payment may be required prior to shipping. A 2% monthly service charge (or the maximum amount permitted by law) may be applied to the balance of any past-due invoice. Buyer shall pay any necessary collection fees, including reasonable attorney fees.

TAXES: Any sales tax, use tax, manufacturer tax, duty, or other cost imposed by any government entity shall, at Seller's option, be added to the purchase price and payable by buyer. Buyer must certify any tax exemption and agree to indemnify Seller against any tax imposed contrary to such certification.

FREIGHT: All prices are F.O.B. Seller's factory, with full freight allowed within the contiguous United States and Canada on the orders that qualify pursuant to the Freight Program schedule. Seller reserves the right to select the carrier and route of shipment and to ship at the most economical rate. All extra charges for special handling or delivery services will be paid for by the buyer. Terms for shipment outside the contiguous United States and Canada shall be established on a case-by-case basis.

"**LIMITED WARRANTY** Subject to the limitations stated herein, A.Y. McDonald Mfg. Co. ("Seller") warrants that water service products manufactured by Seller shall be free from defects in material and workmanship and shall perform the services for which they are intended when properly installed, under normal use, and under ordinary conditions, for a period of ninety (90) days from the date of shipment from Seller's factory. This Limited Warranty does not cover or apply to plumbing products, high pressure gas products, or pumps or pump accessories manufactured by Seller. Buyer must notify Seller in writing of a potentially defective product as soon as possible and not later than ninety (90) days from the date of shipment from Seller's factory. Upon receipt of such notice, Seller shall, at its option and at its expense, examine such product at Seller's factory or such other location as Seller shall determine. Should Seller agree to a return of the product, buyer shall follow in every respect the packaging and transportation instructions provided by Seller. In no case shall a product be returned without first obtaining the permission of Seller. If a product is proven to the satisfaction of Seller to be defective, then Seller shall, at its option and at its expense, repair or replace such product or reimburse buyer for the price paid by buyer for such product. The cost of shipping to buyer a repaired or replaced product shall be paid by Seller on the same shipping terms as the original shipment of such product to buyer. Except as stated herein, buyer shall assume all responsibility and expense for any dismantling, removal, reinstallation, and shipping in connection with this Limited Warranty, and no claims will be allowed for labor, shipping, materials, or other costs incident to the repair, replacement, or return of a product.

THIS LIMITED WARRANTY IS THE ONLY WARRANTY PROVIDED BY SELLER AND IS MADE IN LIEU OF ALL OTHER WARRANTIES, EXPRESS OR IMPLIED, INCLUDING BUT NOT LIMITED TO THE IMPLIED WARRANTIES OF MERCHANTABILITY AND FITNESS FOR A PARTICULAR PURPOSE.

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This Limited Warranty shall not apply to product failure or defect: due to a defect in the design, engineering, or installation of any water, gas, or other system; where the product has been modified without the prior written authority of Seller; caused by the failure to install or use the product in conformity with any instructions or specifications provided by Seller; caused by the improper installation, use, application, maintenance, repair, transportation, handling, or storage of the product; caused by the fault or negligence of anyone other than Seller or any other act or event beyond the control of Seller. Seller makes no warranties as to any products or product parts or components that are not manufactured by Seller. The limitations of liability contained in this Limited Warranty shall be effective without regard to Seller's performance or failure or delay of performance under any other term or condition of any trade customs, warranty, or other agreement. No employee, representative, or agent of Seller, nor any other person, has authority to assume or incur on behalf of Seller any liability, obligation, or responsibility in place of or in addition to this Limited Warranty."

CLAIMS: Inspect all shipments immediately upon receipt, examining products for damage and verifying quantity. Any claim of damage, shortage, or non-conformance must be made in writing within 5 business days of receipt of goods (any claim of damage or shortage must be noted on the Freight Carrier's signed delivery receipt).

ORDERS: Seller is not responsible for and shall not be held liable for damages resulting from delays or failures in shipment, nor shall Seller be liable for any delay or failure to provide goods where occasioned by any force majeure event, including without limitation: strikes and other labor disputes; fires; acts of God; floods, snowstorms, tornados, and other storms; unusually severe inclement weather conditions; fuel, energy, carrier, or material shortages or embargoes; war; terrorism; civil disturbances; acts of civil or military authority; court order or decree; partial or complete destruction of factory or other facility; acts of buyer; inability to obtain or retain fuel, energy, carriers, materials, facilities, or labor without litigation or the payment of penalties or unreasonable prices or the acceptance of unreasonable terms and conditions; and any other cause beyond Seller's control.

RETURNS: Goods cannot be returned without the prior written approval of Seller. Return freight must be prepaid by buyer. After inspecting the returned goods, Seller may impose upon buyer: (1) a handling and restocking charge equal to a minimum of 25% of the invoiced cost of the returned goods; and, in addition thereto, (2) any costs required to put the goods in like-new condition. All credit memos are subject to cash discount terms as defined in our standard terms.

CANCELLATION: The contract resulting from Seller's acceptance of Buyer's order cannot be cancelled, terminated, or modified by Buyer, in whole or in part, except upon Seller's prior written approval.

INVOICING: Minimum invoice charge of $50.00 (does not apply to Plumbing Products).

NON-STOCK PRODUCTS: Non-stock products (i.e., customized or non-standard products) may require a minimum order and buyer should make prior inquiry to Seller. Once production has begun, orders for non-stock products cannot be cancelled without the prior written approval of Seller. Seller will not accept the return of non-stock products.

CONSTRUCTION: All sales, contracts, and offers to buy or sell, all rights, remedies and duties of all persons, and the construction and effect of all provisions hereof, shall be governed by and construed according to the laws of the State of Iowa.

WARNING: It is unlawful in **CALIFORNIA & VERMONT (effective 1/1/2010); MARYLAND (effective 1/1/2012); LOUISIANA (effective 1/1/2013) and the UNITED STATES OF AMERICA (effective 1/4/2014)** to use any product in the installation or repair of any public water system or any plumbing in a facility or system that provides water for human consumption if the wetted surface area of the product has a weighted average lead content greater than 0.25%. This prohibition does not extend to service saddles used in California, Louisiana or under USA Public Law 111-380. **WARNING:** This product can expose you to chemicals including lead, which is known to the State of **CALIFORNIA** to cause cancer and birth defects or other reproductive harm. For more information go to: www.P65Warnings.ca.gov.

I. PRODUCT GROUP QUALIFICATION LEVELS

Freight will be prepaid and allowed by Seller on orders that meet or exceed the following net prices or unit qualifiers (net prices reflect list prices less applicable discounts):

1. High Pressure Gas (may be combined with plumbing Valves) ..... $2,500 Net

2. Water Service Products (may be combined with Curb Boxes, Pumps, Pump Accessories, Plumbing Valves, Frames & Covers, HPG, and Yoke Boxes) ..... $6,000 Net

3. Pumps ..... 12+ units

4. Plumbing Products (may be combined with Pump Accessories) ..... $1,300 Net

5. Tanks ..... 24+ units (may be 24 units in combination with Jets and Submersibles)

6. Pit Setters . . . 15" diameter – 144 units
   18" diameter – 96 units
   21" diameter – 72 units
   24" diameter – 48 units
   30" and 36" diameter – 24 units

II. ADDITIONS

Once an order qualifies for freight in **any** product group, other products on your order ride free (excluding Tanks and Pit Setters). However, additions to freight allowed orders will **NOT** be allowed once the original order is on board or a partial shipment has been made against the original order.

Freight qualifiers are subject to change without notice.

ABBREVIATIONS / DEFINITIONS

AWWA	American Water Works Association Standard Thread / Corporation Cock, this thread has a steeper taper than Male National Pipe Threads
CTS Suffix -22, T, Q, G, & H	Copper Tube Size, copper tube (type K or L) or copper tube size polyethylene (ASTM D2737 SDR 9) or Polybutylene (ASTM D2666 SDR 9), insert stiffeners are required when using polyethylene or polybutylene.
FFLR	Female Copper Flared Connection Thread / inside thread, includes copper gasket.
FLR	Flared end with nut, for use with copper tube
FNPT	Female National Pipe Thread / inside tapered thread
IP Suffix -55	Iron Pipe / Galvanized Iron Pipe (not threaded)
IPS or PEP Suffix -33, -3H, -3G, -3Q	I.D. based polyethylene pipe, for use with polyethylene (ASTM D2239 SIDR 7) or Polybutylene (ASTM D 2662 SIDR 7), insert stiffeners are required when using polyethylene or polybutylene.
IPS or PEP Suffix -34	I.D. based polyethylene pipe, for use with polyethylene (ASTM D2239 SIDR 9), insert stiffeners are required when using polyethylene.
MFLR	Male Copper Flared Connection Thread / outside thread
MNPT	Male National Pipe Thread / outside tapered thread
PE	Polyethylene
PVC Suffix -44	Polyvinyl Chloride, ridged plastic pipe, Schedule 40 or 80 only (ASTM D1785)
S	-66 Strong Lead
XS	-67 Extra Strong Lead
XXS	-68 Double Extra Strong Lead

NOTE: Materials meet or exceed A.W.W.A. standard C-800.

THERMAL EXPANSION WARNING - Creating a "closed" condition in a hot water system with the installation of a non-return barrier (such as a Check Valve or Backflow Preventer between the system piping and the public supply) can result in extreme pressure rises caused by thermal expansion and/or water hammer. This thermal expansion can damage piping, valves, and other Components in the system. The installation of a pressure relief device or thermal expansion tank can avoid possible damages.

These symbols are used throughout this price list to indicate adders and other product options.

▼ C903 = ALUMINUM CORE PE

For **3/4"** or **1" C903,** Change **Q** to **K in model number.** Add **$ 26.69**-3/4"; **$ 36.71**-1" per end connection.
Not available in other size or configurations except 3/4" or 1" Q.

■ REWTR = RECLAIMED WATER

For **reclaimed water**, at end of Model Number, add **RWT** (for reclaim water **tag**) and **$ 17.37** list.
RWC (for reclaimed water **cast**) and **$ 7.85** to non-lockwing version or **$ 4.09** to lockwing version. Contact factory.

❖ McGrip

Available in McGrip Series Compression, CTS-G replaces Q, PEP -3G replaces -3Q

★ LFLN = LESS FLARE NUT

Deductions for purchasing "less nut" - prices are per each. Add "L" to end of model number.

COPPER TUBE FLARE NUT SIZE	LIST DEDUCTION
1/2"	– $ 2.86
3/4"	– $ 4.67
1"	– $ 7.68
1 1/4"	– $ 12.35
1 1/2"	– $ 21.43
2"	– $ 39.92

CTS COMPRESSION	LIST DEDUCTION
4700-22 1/2"	-$ 5.04
4700-22 3/4"	-$ 5.49
4700-22 1"	-$ 8.46
4700-22 1 1/4"	-$ 14.71
4700-22-12 1/2"	-$ 17.83
4700-22-12 2"	-$ 25.06
4700-22-16 1 1/2"	-$ 17.84
4700-22-16 2"	-$ 25.10
4700-22FT 1 1/2"	-$ 26.58
4700-22FT 2"	-$ 33.73

❍TW - TRACER WIRE

For Pentagon lid type curb boxes with ability to attach tracer wires - add TW to model number.
i.e. 5607LR becomes 5607LRTW - add **$ 3.38** to list price.

✢ BVHNDLE = BALL VALVE HANDLES

For ball valves with HANDLES, add the following to model number and list price:

Stainless Handle

ADD TO MODEL NO.	BALL SIZE	ADD TO LIST PRICE
HDL	5/8" valves	$ 7.15
HDL	3/4" & 1"	$ 7.92

Brass Handle

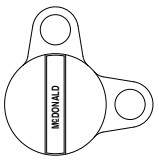
ADD TO MODEL NO.	BALL SIZE	ADD TO LIST PRICE
HDLB	5/8" valves	$ 7.15
SHDLB	3/4" & 1"	$ 7.15
HDLB	3/4" & 1"	$ 7.92
SHDLB	1 1/2" & 2"	$ 18.84
FHDL	Fixed handle	
	5/8"	$ 3.76
	3/4 & 1	$ 4.22
	1 1/2 & 2	$ 31.05

Handy-Loc

CTS	PEP
3/4 = H - $ 3.57 per end	3/4 = -3H $ 4.77 per end
1 = H - $ 4.77 per end	1 = -3H $ 7.15 per end

ADDITIONAL OPTION ADDERS FOR BALL VALVES
NO-LEAD OFFERING - CONTACT FACTORY FOR MORE INFORMATION.

360° Rotation - Add **$ 2.38** list. Change fourth digit of model number to "1". Example: 76100 becomes 76110
Lockwing - Adder **$ 3.76** or **$ 7.53** for double lockwing. Not available on all models, contact factory.
Replacement cap and screw for "CAP" version corporation stops, on all sizes - **$ 18.93**.
For Flare, Q, & -3Q series anode nut add "A" to model #, add **$10.74**, to each end.



Double lockwing option

** **NON-STOCK**
Components to assemble may be stock items. Contact factory for availability.
Contact factory for availability of BSPT (British Standard Pipe Thread) - male and female.

CTS Compression Nuts & Gasket Assemblies & Replacement Gaskets

1 1/2" & 2" CORPORATION STOPS

-22 NUT AND GASKET ASSEMBLIES

4141-363	4700-22-16 1 1/2 CTS MAC-PAK NUT&GSKT ASSY-16P CO
4141-364	4700-22-16 2 CTS MAC-PAK NUT&GSKT ASSY-16P CO
4133-462	4700-22FT 1 1/2 CTS MAC-PAK NUT & GSKT ASSY-FT
4133-444	4700-22FT 2 CTS MAC-PAK NUT & GSKT ASSY-FT

-22 GASKET ASSEMBLIES

4141-048	4700-22RWGA 1 1/2 CTS MAC-PAK GSKT ASSY 16P
4130-088	4700-22RWGA 2 CTS MAC-PAK GSKT ASSY 16P
4141-049	4700-22GA 1 1/2 CTS MAC-PAK GASKET ASSY - FT
4130-087	4700-22GA 2 CTS MAC-PAK GASKET ASSY - FT

Q NUT AND GASKET ASSEMBLIES

4182-325	4700Q-16 1 1/2 CTS McQUIK NUT & GASKET ASSY-16P CO
4182-326	4700Q-16 2 CTS McQUIK NUT & GASKET ASSY-16P CO

Q GASKET ASSEMBLIES

4182-163	4700QGA 1 1/2 CTS McQUIK GASKET ASSEMBLY
4182-164	4700QGA 2 CTS McQUIK GASKET ASSEMBLY

QA NUT AND GASKET ASSEMBLIES

4182-415	4700QA-16 1 1/2 CTS ANODE NT & GSKT ASY-16P CO
4182-417	4700QA-16 2 CTS ANODE NUT & GSKT ASSY-16P CO

QA GASKET ASSEMBLIES

4182-163	4700QGA 1 1/2 CTS McQUIK GASKET ASSEMBLY
4182-164	4700QGA 2 CTS McQUIK GASKET ASSEMBLY

T NUT AND GASKET ASSEMBLIES

4141-192	4700T-16 1 1/2 CTS T NUT & GSKT ASSY-16P CO
4141-193	4700T-16 2 CTS T NUT & GSKT ASSY-16P CO
4133-451	4700TFT 1 1/2 CTS T NUT & GASKET ASSEMBLY-FT
4133-432	4700TFT 2 CTS T NUT & GASKET ASSEMBLY-FT

T GASKET ASSEMBLIES

4131-245	4700TRWGA 1 1/2 T COMP GASKET ASSY 16P
4131-057	4700TRWGA 2 T COMP GASKET ASSY 16P
4130-097	4700TGA 1 1/2 T COMP GASKET ASSY - FT
4131-061	4700TGA 2 T COMP GASKET ASSY - FT

G NUT AND GASKET ASSEMBLIES

4192-238	4700G-16 1 1/2 CTS McGRIP NUT & GASKET ASSY-16P CO
4192-239	4700G-16 2 CTS McGRIP NUT & GASKET ASSY-16P CO
4192-341	4700GFT 1 1/2 CTS McGRIP NUT & GASKET ASSY-FT
4192-342	4700GFT 2 CTS McGRIP NUT & GASKET ASSY-FT

G GASKET ASSEMBLIES

	4700GRWGA 1 1/2 T COMP GASKET ASSY 16P
	4700GRWGA 2 T COMP GASKET ASSY 16P
	4700GGA 1 1/2 T COMP GASKET ASSY - FT
	4700GGA 2 T COMP GASKET ASSY - FT

1 1/2" & 2" EVERYTHING ELSE

-22 NUT AND GASKET ASSEMBLIES

4141-206	4700-22-12 1 1/2 CTS MAC-PAK NUT & GSKT ASSY-12P
4141-204	4700-22-12 2 CTS MAC-PAK NUT & GSKT ASSY-12P

-22 GASKET ASSEMBLIES

4141-048	4700-22RWGA 1 1/2 CTS MAC-PAK GSKT ASSY 12P
4130-088	4700-22RWGA 2 CTS MAC-PAK GSKT ASSY 12P

Q NUT AND GASKET ASSEMBLIES

4182-158	4700Q-12 1 1/2 CTS McQUIK NUT & GASKET ASSY-12P
4182-159	4700Q-12 2 CTS McQUIK NUT & GASKET ASSY-12P

Q GASKET ASSEMBLIES

4182-163	4700QGA 1 1/2 CTS McQUIK GASKET ASSEMBLY
4182-164	4700QGA 2 CTS McQUIK GASKET ASSEMBLY

QA NUT AND GASKET ASSEMBLIES

4182-414	4700QA-12 1 1/2 CTS ANODE NUT & GASKET ASSY-12P
4182-416	4700QA-12 2 CTS ANODE NUT & GASKET ASSY-12P

QA GASKET ASSEMBLIES

4182-163	4700QGA 1 1/2 CTS McQUIK GASKET ASSEMBLY
4182-164	4700QGA 2 CTS McQUIK GASKET ASSEMBLY

T NUT AND GASKET ASSEMBLIES

4141-207	4700T-12 1 1/2 CTS T NUT & GASKET ASSEMBLY-12P
4141-205	4700T-12 2 CTS T NUT & GASKET ASSEMBLY-12P

T GASKET ASSEMBLIES

4131-245	4700TRWGA 1 1/2 T COMP GASKET ASSY 12P
4131-057	4700TRWGA 2 T COMP GASKET ASSY 12P

G NUT AND GASKET ASSEMBLIES

4192-009	4700G-12 1 1/2 CTS McGRIP NUT & GASKET ASSY-12P
4192-005	4700G-12 2 CTS McGRIP NUT & GASKET ASSY-12P

G GASKET ASSEMBLIES

4192-191	4700GGA 1 1/2 McGRIP GASKET ASSEMBLY
4192-192	4700GGA 2 McGRIP GASKET ASSEMBLY

1/2" - 1 1/4" EVERYTHING

-22 NUT AND GASKET ASSEMBLIES

4141-003	4700-22 1/2 CTS MAC-PAK NUT & GASKET ASSY-FT
4141-184	4700-22 3/4 CTS MAC-PAK NUT & GASKET ASSY-FT
4141-185	4700-22 1 CTS MAC-PAK NUT & GASKET ASSY-FT
4141-186	4700-22 1 1/4 CTS MAC-PAK NUT & GASKET ASSY-FT

-22 GASKET ASSEMBLIES

4130-091	4700-22GA 1/2 CTS MAC-PAK GASKET ASSY - FT
4130-068	4700-22GA 3/4 CTS MAC-PAK GASKET ASSY - FT
4130-069	4700-22GA 1 CTS MAC-PAK GASKET ASSY - FT
4130-092	4700-22GA 1 1/4 CTS MAC-PAK GASKET ASSY - FT

Q NUT AND GASKET ASSEMBLIES

4182-155	4700Q 3/4 CTS McQUIK NUT & GASKET ASSY-FT
4182-156	4700Q 1 CTS McQUIK NUT & GASKET ASSY-FT
4182-157	4700Q 1 1/4 CTS McQUIK NUT & GASKET ASSY-FT

Q GASKET ASSEMBLIES

4182-160	4700QGA 3/4 CTS McQUIK GASKET ASSEMBLY
4182-161	4700QGA 1 CTS McQUIK GASKET ASSEMBLY
4182-162	4700QGA 1 1/4 CTS McQUIK GASKET ASSEMBLY

QA NUT AND GASKET ASSEMBLIES

4182-412	4700QA 3/4 CTS ANODE NUT & GASKET ASSY-FT
4182-413	4700QA 1 CTS ANODE NUT & GASKET ASSY-FT
4182-460	4700QA 1 1/4 CTS McQUIK ANODE NUT & GSKT ASSY-FT

QA GASKET ASSEMBLIES

4182-160	4700QGA 3/4 CTS McQUIK GASKET ASSEMBLY
4182-161	4700QGA 1 CTS McQUIK GASKET ASSEMBLY
4182-162	4700QGA 1 1/4 CTS McQUIK GASKET ASSEMBLY

T NUT AND GASKET ASSEMBLIES

4141-189	4700T 3/4 CTS NUT & GASKET ASSEMBLY - FT
4141-190	4700T 1 CTS T NUT & GASKET ASSEMBLY-FT
4141-191	4700T 1 1/4 CTS T NUT & GASKET ASSEMBLY-FT

T GASKET ASSEMBLIES

4130-066	4700TGA 3/4 T COMP GASKET ASSY
4130-067	4700TGA 1 T COMP GASKET ASSY
4130-099	4700TGA 1 1/4 T COMP GASKET ASSY

G NUT AND GASKET ASSEMBLIES

4192-021	4700G 3/4 CTS McGRIP NUT & GASKET ASSY-FT
4192-001	4700G 1 CTS McGRIP NUT & GASKET ASSY-FT
4192-093	4700G 1 1/4 CTS McGRIP NUT & GASKET ASSY-FT

G GASKET ASSEMBLIES

4192-188	4700GGA 3/4 McGRIP GASKET ASSEMBLY
4192-189	4700GGA 1 McGRIP GASKET ASSEMBLY
4192-190	4700GGA 1 1/4 McGRIP GASKET ASSEMBLY

73120 & 73120B ADAPTER

Straight Connection	1/2x3/4	5/8x3/4	5/8x1	3/4	3/4x1	1
74742F - FNPT	X	X		X	X	X
74742P - MNPT	X				X	
74742 - FLARE	X	X		X	X	X
74742-22, G, Q, & T - CTS	X	X		X	X	X

CAP	1/2x3/4	5/8x3/4	5/8x1	3/4	3/4x1	1
74742CAP				X		X

Fixed Nut Eighth Bend	1/2x3/4	5/8x3/4	5/8x1	3/4	3/4x1	1
74749F - FNPT		X		X		X
74749 - FLARE	X	X	X	X	X	X
74749-22, G, Q & T - CTS	X	X	X	X	X	X

Swivel Nut Eight Bend	1/2x3/4	5/8x3/4	5/8x1	3/4	3/4x1	1
74749SF - FNPT		X		X	X	X
74749SP - MNPT		X		X		X
74749S - FLARE		X		X	X	X
74749S-22, G, Q & T		X		X	X	X

Fixed Nut Quarter Bend	1/2x3/4	5/8x3/4	5/8x1	3/4	3/4x1	1
74777F - FNPT		X		X		X
74777 - FLARE		X		X		X
74777-22 & T - CTS		X		X		X
74777G & Q CTS				X		X

Swivel Nut Quarter Bend	1/2x3/4	5/8x3/4	5/8x1	3/4	3/4x1	1
74777SF - FNPT		X		X		X
74777SP - MNPT		X		X		X
74777S - FLARE		X		X		X
74777S-22, G, Q & T - CTS		X		X	X	X
74777S-3Q - PEP				X		

73120 & 73120B ADAPTER

Straight Connection	1/2x3/4	5/8x3/4	3/4	1
74742LFF - FNPT	X	X	X	X
74242LFP - MNPT	X	X	X	X
74742LF - FLARE	X	X	X	X
74742LF-22, G, Q & T - CTS	X	X	X	X

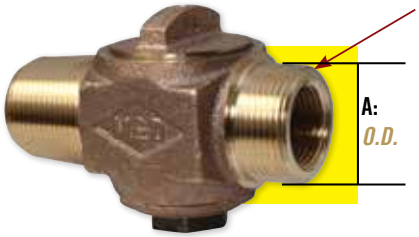
CAP	1/2x3/4	5/8x3/4	3/4	1
74742LFCAP		X	X	X

Lead to No-Lead

Our water infrastructure consisted primarily of lead-based service lines just a century ago, which is exactly how old many of our country's underground pipes are. Today as a 162 year old industry leader; A.Y. McDonald has altered our product line throughout the years, into a completely no-lead product line today. This includes all parts that come in contact with potable water.

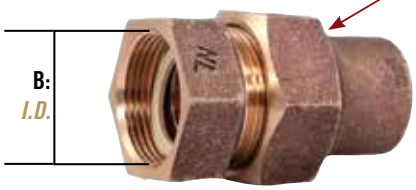
U.S. cities used A.Y. McDonald products **then** and they continue to use them **now**. The most effective lead pipe replacement methods involve an upgrade from the corporation stop to the meter. With more service fittings and connection options than any other water works manufacturer, you can trust A.Y. McDonald to provide the most customizable product solutions to keep your city's drinking water at top quality. When cities and municipalities take advantage of A.Y. McDonald no-lead water service brass, we can all work together to eliminate lead from our drinking water for good!

Corporation Stop with Special Purpose Outlet Thread and Internal Driving Thread



4749GSKT

74742 Female Adapter



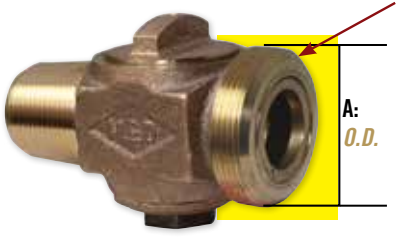
"A" - Valve Male Thread O.D.

Valve Size	O.D. Thread Size - Aprrox.
5/8"	1 1/16"
3/4"	1 1/4"
1"	1 1/2"

"B" - Female Thread Adapter I.D.

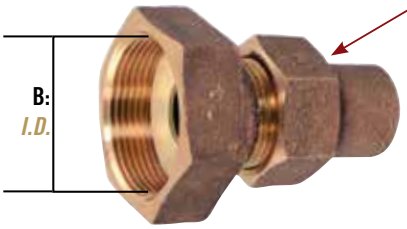
Union Nut Size	I.D. Thread Size - Aprrox.
5/8"	1"
3/4"	1 3/16"
1"	1 7/16"

Corporation Stop with Extra Strong Lead Flange Outlet



4742LFGSKT

74742LF Female Adapter



"A" - Valve Male Thread O.D.

Valve Size	O.D. Thread Size - Aprrox.
1/2"	1 1/2"
5/8"	1 5/8"
3/4"	1 7/8"
1"	2 1/4"

"B" - Female Thread Adapter I.D.

Union Nut Size	I.D. Thread Size - Aprrox.
1/2"	1 3/8"
5/8"	1 9/16"
3/4"	1 3/4"
1"	2 1/16"

Although there are many potential configurations of old and outdated service line connections, here are a few of the common ones you may run into. For assistance contact our customer service department at 1.800.292.2737.











THE CUSTOMER IS THE BOSS

EST. 1856

McDonald

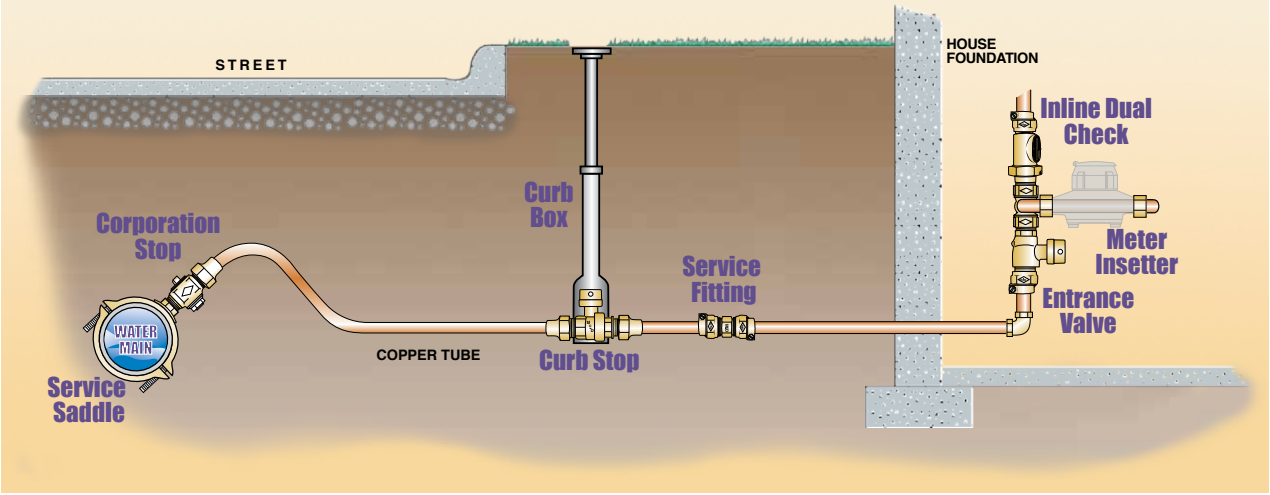
Engineering

Water Works Catalog / Price List - April 2019

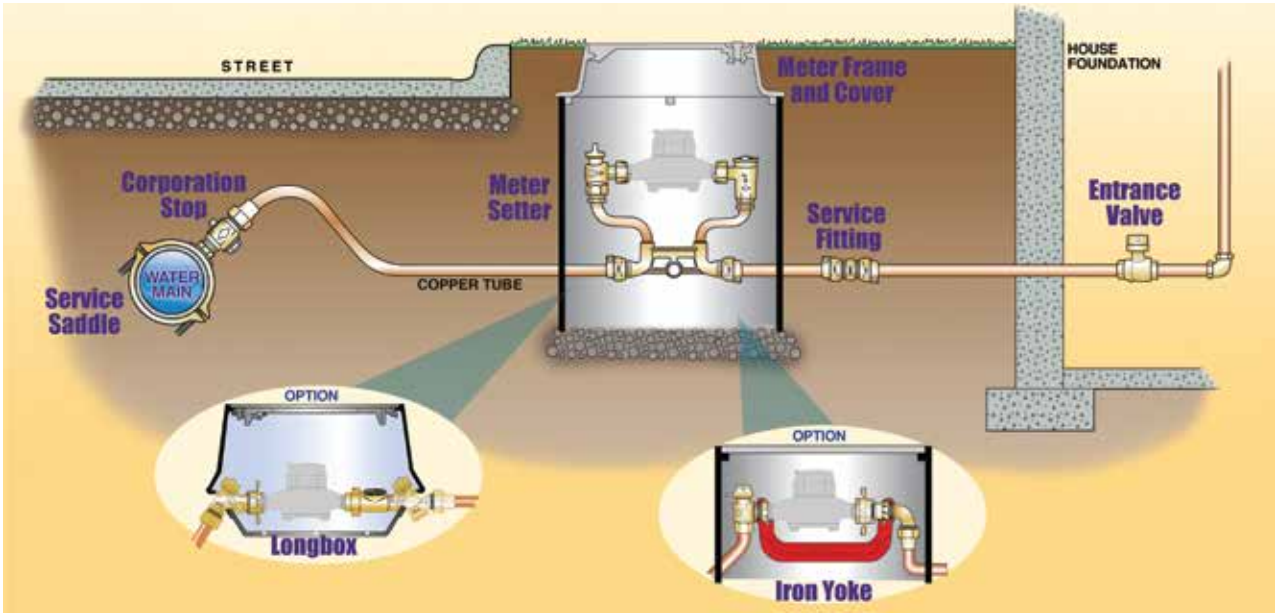
MORE THAN A BRAND. **WE'RE A FAMILY.**

Water Service Lateral

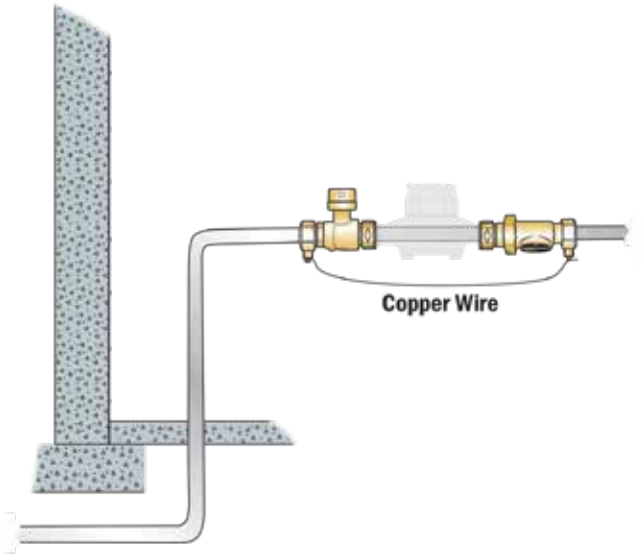
Northern Installation



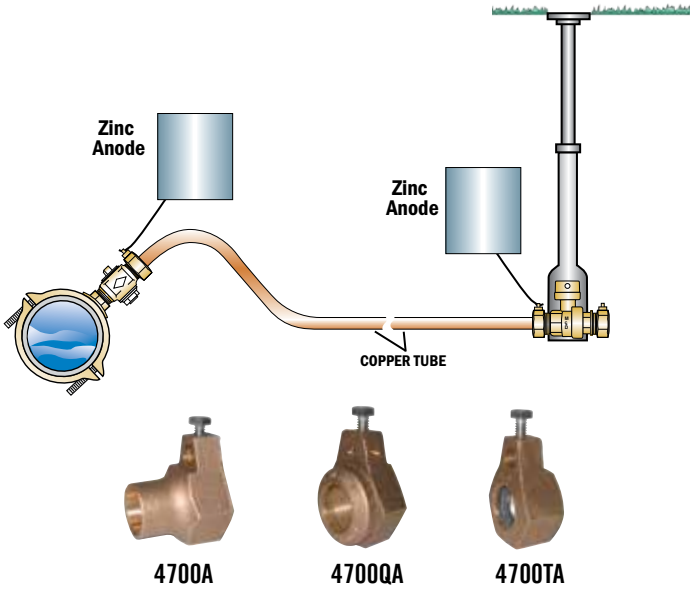
Southern Installation



Electrical Continuity

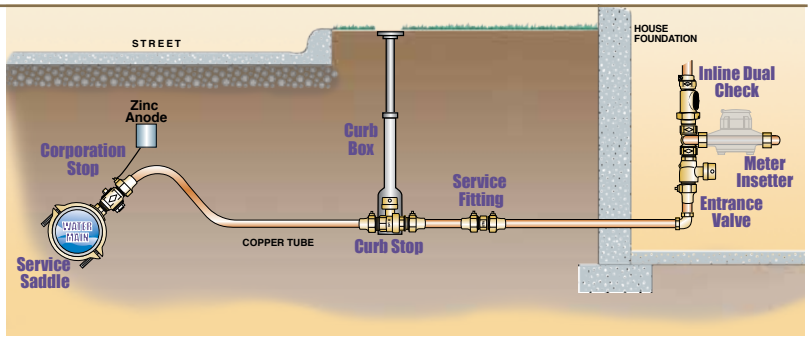


Anode Nut Options



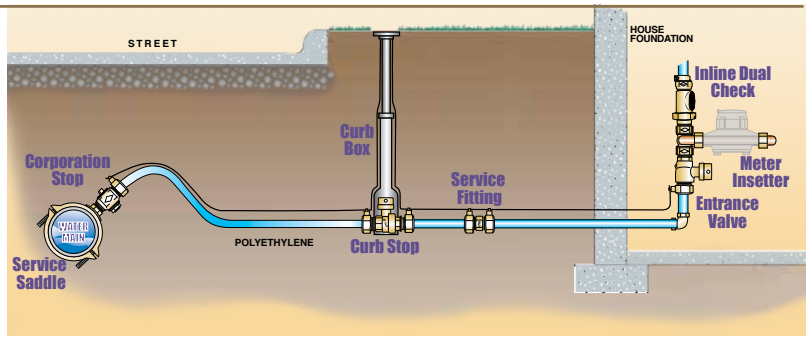
Sacrificial Anode

In cathodic protection, a metal anode that is more reactive to the corrosive environment of the system to be protected is linked to the protected system, and partially corrodes or dissolves, which protects the metal of the system it is connected to. As an example, a Ductile Iron water main may be protected by a zinc sacrificial anode, which will dissolve into the wet earth around the main and prevent the water main from being corroded. Sacrificial anodes are particularly needed for systems where a static charge is generated by the action of flowing liquids, such as pipelines.



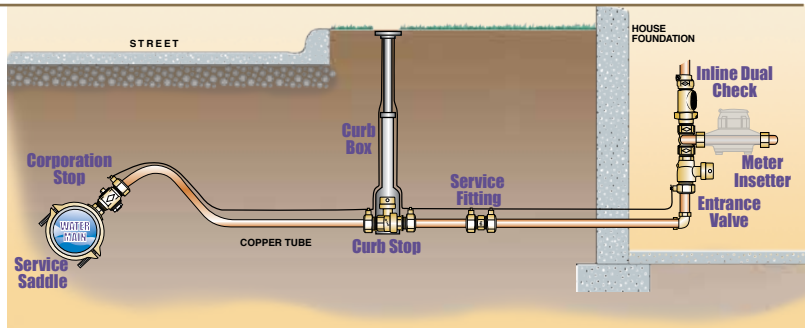
Tracer Wire / Locater Nut

Tracer wire (also known as locating wire) is used frequently by utility companies to locate buried service lines made of plastic. Tracer wire is buried alongside plastic service lines that are installed underground, to assist in locating them for service and repairs. This practice saves contractors and consumers time, money and inconvenience, but only when the tracer wire maintains its integrity so that a line needing service can be promptly located.



Thaw Wire

An installation that incorporates a thaw wire is one that could potentially freeze under extreme cold weather conditions. A copper wire is normally connected to various positions along a copper service line so an electrical device such as an arc welder could apply electric current to unfreeze the water line, if necessary.



Outside Diameter Chart

Types of Pipe/Tubing for use with A.Y. McDonald Fittings (Outside Diameters listed)

	CTS	CTS*	CTS*	CTS*	PEP* Accepts Barbed Insert	PEP*
NOMINAL SIZE	**TYPE K or L COPPER TUBE**	**POLYETHYLENE ASTM D2737 SDR 9 TUBE SIZE**	**PEX TUBING ASTM F876 SDR 9 CSA B137.5**	**POLYBUTYLENE ASTM D2666 SDR 9 TUBE SIZE CLASS 250**	**POLYBUTYLENE ASTM D2662 SIDR 7 or POLYETHYLENE ASTM D2239 SIDR 7 POLYETHYLENE PIPE SIZE**	**POLYETHYLENE ASTM D2239 SIDR 9 POLYETHYLENE PIPE SIZE**
1/2"	.622 / .628 C	.621 / .629 A C	.621 / .629 A C	.625 / .633 A C	.79 / .85 B C	
5/8"						
3/4"	.872 / .878	.871 / .879	.871 / .879	.875 / .883	1.045 / 1.110 (1.089)	.993 / 1.058
1"	1.121 / 1.129	1.120 / 1.130	1.120 / 1.130	1.125 / 1.135	1.329 / 1.399 (1.384)	1.263 / 1.333
1 1/4"	1.371 / 1.379	1.370 / 1.380	1.370 / 1.380	1.375 / 1.385	1.754 / 1.832 (1.804)	1.666 / 1.736
1 1/2"	1.621 / 1.630	1.619 / 1.631	1.619 / 1.631	1.625 / 1.637	2.050 / 2.141 (2.109)	1.948 / 2.023
2"	2.120 / 2.130	2.119 / 2.131	2.119 / 2.131	2.125 / 2.137	2.637 / 2.742 (2.709)	2.507 / 2.598
Type of A.Y. Fitting	**Flare, A, -22, G Q, QA, TA or CC**	**-22, G, H, Q, QA, T, TA or CE** E	**-22, G, H, Q, QA, T, TA or CE** E	**-22, G, H, Q, QA T, TA or CE** E	**-33, -3G, -3H, -3Q, or -3QA** E	**-34**
A.Y. SS Stiffener	D	6131T 6133T * F	6131T 6133T * F	6131T 6133T * F	6136 *	6136

Recommended Torque Chart for Mac-Pak Compression Nuts

Tighten to the following minimum torques: **"-22", "-33", "-34", "-44", "-55" Compression**

For nut size:					
1/2"	20 ft-lbs	1"	30 ft-lbs	1 1/2"	40 ft-lbs
3/4"	25 ft-lbs	1 1/4"	35 ft-lbs	2"	45 ft-lbs

For **soft** copper, PVC, polybutylene, and polyethylene tubing, the torques to which the clamp side screw should be tighted are as follows (NOTE CHANGE IN UNIT OF MEASURE):

For clamp screw:					
1/2"	70-80 in-lbs	1"	90-100 in-lbs	1 1/2"	160-180 in-lbs
3/4"	80-90 in-lbs	1 1/4"	120-140 in-lbs	2"	200-220 in-lbs

For hard copper tubing, brass and steel pipe, the torques to which the clamp side screw should be tightened to are as follows (NOTE CHANGE IN UNIT OF MEASURE):

For clamp screw:					
1/2"	70-80 in-lbs	1"	65-90 in-lbs	1 1/2"	160-180 in-lbs
3/4"	80-90 in-lbs	1 1/4"	120-140 in-lbs	2" & 2 1/2"	200-220 in-lbs

Lead Mac-Pak Comp. "-66", "-67", "-68" Compression

For nut size:					
1/2"	20 ft-lbs	1"	40 ft-lbs	1 1/2"	50 ft-lbs
5/8"	30 ft-lbs	1 1/4"	45 ft-lbs	2"	55 ft-lbs
3/4"	35 ft-lbs				

NOTE CHANGE IN UNIT OF MEASURE

For clamp screw:					
1/2"	70-80 in-lbs	1"	90-100 in-lbs	1 1/2"	160-180 in-lbs
5/8"	75-85 in-lbs	1 1/4"	120-140 in-lbs	2"	160-180 in-lbs
3/4"	80-90 in-lbs				

Outside Diameter Chart

Types of Pipe/Tubing for use with A.Y. McDonald Fittings (Outside Diameters listed)

C903	PVC	IPS*	IP	LEAD PIPE		
C903	BRASS PIPE & PVC ASTM D1785 SCH. 40	POLYETHYLENE ASTM D3035 SDR 9 / SDR 11 OD CONTROLLED IRON PIPE SIZE	STEEL PIPE	STRONG S or A	EXTRA STRONG XS or AA	DOUBLE EXTRA STRONG XXS or AAA
	.836 / .844 C		.836 / .844 B C	.783 / .813 B	.861 / .891	.997 / 1.027
				1.004 / 1.034	1.067 / 1.097	1.122 / 1.152
.984 / .996	1.046 / 1.054	1.046 / 1.054 A	1.046 / 1.054	1.141 / 1.171	1.197 / 1.227	1.321 / 1.351
1.260 / 1.272	1.310 / 1.320	1.310 / 1.320 A	1.310 / 1.320	1.413 / 1.443	1.477 / 1.507	1.581 / 1.611
	1.655 / 1.665	1.655 / 1.665 A	1.655 / 1.665	1 1/4" -44 1.655 / 1.685	1.750 / 1.780	1 1/2" -44 1.874 / 1.904
	1.894 / 1.906	1.894 / 1.906 A	1.894 / 1.906	1 1/2" -44 1.969 / 1.999	2.061 / 2.091	2" -22 2.257 / 2.287
	2.369 / 2.381	2.369 / 2.381	2.369 / 2.381	2" -44 2.488 / 2.518	2.736 / 2.766	2.993 / 3.023 B
K, KA	-44	-44	-44, -55	-66	-67	-68
	D	SDR 9 - 6137 SDR 11 - 6138 *	D	D	D	D

■ Shaded areas indicate where lead pipe may have to be shaved to fit Compression end shown.

A - Need insert not available from A.Y. McDonald Mfg. Co.
B - No fitting from A.Y. McDonald Mfg. Co. available.
C - 1/2" only available in -22 & -44 series. Contact Factory!
D - -Insert stiffener not required
E - -34, -3G, -3Q, -3QA, -3H, and H only available in 3/4" and 1" sizes.
F - 6131T Plastic Stiffener only available in 3/4" and 1" sizes.
() - Maximum pipe O.D. that will work with A.Y. McDonald fittings.
* - Insert Stiffeners required on all flexible connections except the Handy-Loc.

Recommended Torque Chart for 6130 Series Compression Nuts

Tighten to the following minimum torques:

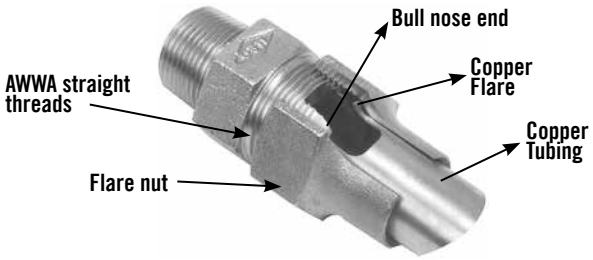
3/4" .....35 to 45 ft-lbs
1".....40 to 50 ft-lbs

Recommended Torque Chart for T Series Compression Nuts

Tighten to the following minimum torques:

3/4" ..... 50 ft-lbs
1"..... 55 ft-lbs
1 1/4" ..... 65 ft-lbs
1 1/2" ..... 100 ft-lbs
2"..... 125 ft-lbs

Flare



"A" Anode, Thaw Wire, Tracer Wire Option for Flare Nut



4700A
Option for Flare Nut
For this feature add **"A"** to the Model No.: 74701 = **74701A**. Available for 3/4" & 1" only.

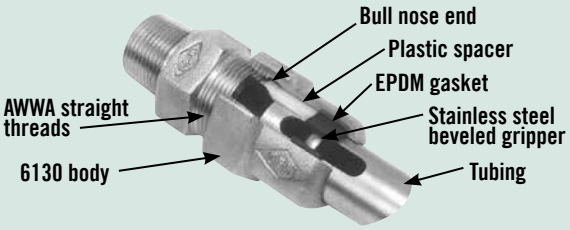
A. Remove the flare nut from the valve or fitting and slip it onto the copper tubing.

B. Flare the end of the copper tubing making sure the outside diameter of the flare extends out to the threads in the flare nut, and is free of nicks and chips.

C. Screw the flare nut with tubing back onto the matching bull nose end of the valve or fitting and securely wrench tighten.

D. The flared portion of the copper tubing acts as a water-tight gasket and also is locked between the nut and coupling giving high pull-out resistance.

76130 Compression Coupling Converts Flare End to Compression Assembly



The 76130 Compression Coupling converts any 3/4" or 1" flared joint into a tube size Compression joint. For copper 6130CC or CTS polyethylene 6130CE.

A. Remove the flare nut from the valve or fitting and replace with the 6130 Coupling.

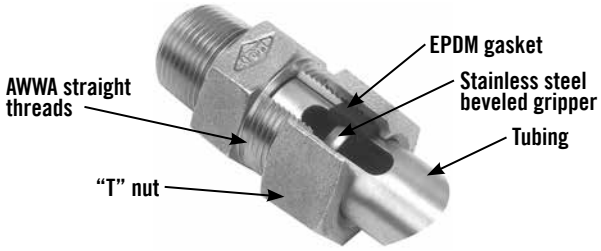
B. Squarely cut the end of the copper or polyethylene tubing and insert it into the 6130 coupling until the tubing bottoms out.*

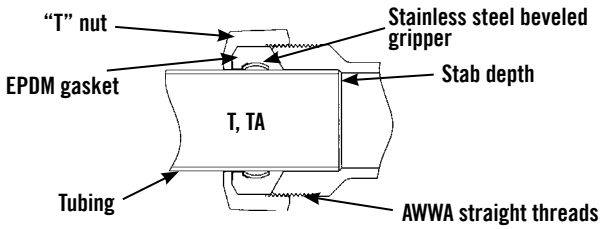
C. Tighten the 6130 coupling onto the valve or fitting fingertight, then wrench tighten two - three more complete turns.

DO NOT OVERTIGHTEN.

T & TA Compression

Copper tube, CTS PE ("T") is stabbed thru nut and gasket/gripper assembly to stab depth. The "T" nut is tightened to the required torque, which compresses the EPDM gasket and stainless steel beveled gripper, which creates a water-tight seal and pull-out strength.





A. Insert tubing through the "T" Compression nut and assembly into the machined socket of the valve or fitting.*

B. Tighten the "T" compression nut securely onto the valve or fitting, using the information from the recommended torque chart. This will:

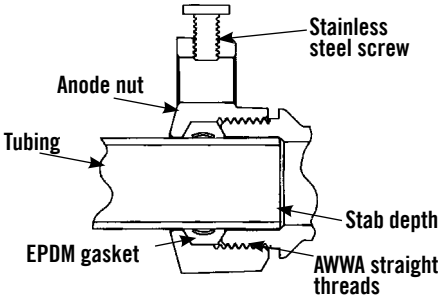
1. Provide a water-tight seal by compressing both edges of the EPDM gasket around the tubing.
2. Compress the stainless steel beveled gripper providing high pull-out resistance.

NOTE: "T" Compression, Mac-Pak -22, McQuik "Q", C903 "K", McGrip "G", and Handy-Loc "H" nuts have the same threads and are interchangeable. Except where noted.

Recommended Torque Chart for T Series Compression Nuts
Tighten to the following minimum torques:

3/4"	50 ft-lbs
1"	55 ft-lbs
1 1/4"	65 ft-lbs
1 1/2"	100 ft-lbs
2"	125 ft-lbs

DO NOT OVERTIGHTEN





"TA" Anode

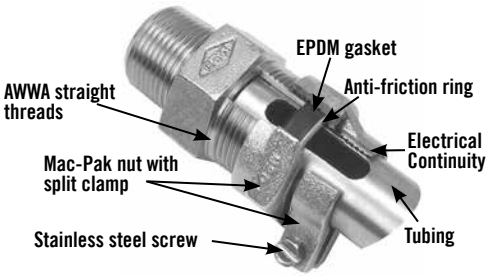
4700TA
Option for "T" Nut
For this feature add **"A"** to the Model No.: 74701T = **74701TA**. Available for 3/4" & 1" only.

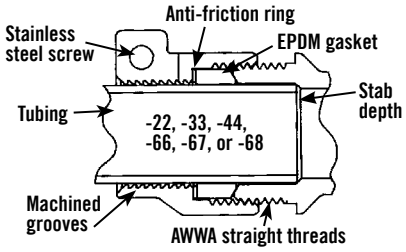
*Insert stiffeners are required on all flexible plastic connections. **NOTE: Materials meet or exceed A.W.W.A. Standard C-800.**

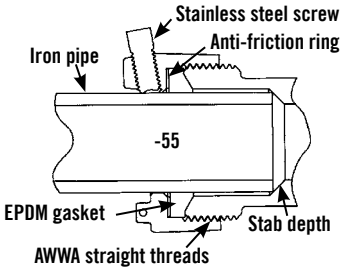
Mac-Pak Compression -22, -33, -44, -55, -66, -67, and -68 Compression

Copper tube or CTS PE ("-22"), PEP ("-33"), PVC (-44), IP (-55), strong lead (-66), extra strong lead (-67) or double extra strong lead (-68) is stabbed thru nut and gasket/friction ring assembly to stab depth. The nut is tightened to the required torque (see recommended torque chart for Mac-Pak Compression), which compresses the EPDM gasket, which creates a water-tight seal. The stainless steel screw is tightened to the required torque (see chart), for pull-out strength.

Iron pipe (-55) is stabbed thru nut and gasket/friction ring assembly to stab depth. The nut is tightened to the required torque, which compresses the EPDM gasket, which creates a water-tight seal. The stainless steel screw or screws are tightened to the required torque, for pull-out strength.







A. Insert tubing or plastic pipe through the nut assembly into the machined socket in the valve or fitting.*

B. Wrench tighten the Mac-Pak nut securely onto the valve or fitting compressing the EPDM seal around the pipe or tubing, creating a water-tight seal using the information from the Recommended Torque Chart.

C. Secure the split clamp onto the pipe or tubing by tightening the stainless steel bolt on the side of the clamp using the information from the Recommended Torque Chart. Machined grooves in the split clamp provide additional gripping and electrical continuity.

D. Mac-Pak couplings are coded as follows:
-22 SERIES - Tube size copper or P.E.* -- **CTS**
-33 SERIES - Pipe size P.E.* **PEP**
-44 SERIES - P.V.C. -- **PVC**
-55 SERIES - Steel pipe -- **IP**

-66 SERIES - Strong lead pipe -- **S**
-67 SERIES - Extra strong lead pipe -- **XS**
-68 SERIES - Extra, extra strong lead pipe -- **XXS**

Recommended Torque Chart for Mac-Pak Compression Nuts

Tighten to the following minimum torques: **"-22", "-33", "-34", "-44", "-55" Compression**

For nut size:	1/2" ..... 20 ft-lbs	1" ..... 30 ft-lbs	1 1/2" ..... 40 ft-lbs	
	3/4" ..... 25 ft-lbs	1 1/4" ..... 35 ft-lbs	2" ..... 45 ft-lbs	

For **soft** copper, PVC, polybutylene, and polyethylene tubing, the torques to which the clamp side screw should be tighted are as follows (NOTE CHANGE IN UNIT OF MEASURE):

For clamp screw:	1/2" ..... 70-80 in-lbs	1" ..... 90-100 in-lbs	1 1/2" ..... 160-180 in-lbs
	3/4" ..... 80-90 in-lbs	1 1/4" ..... 120-140 in-lbs	2" ..... 200-220 in-lbs

For hard copper tubing, brass and steel pipe, the torques to which the clamp side screw should be tightened to are as follows (NOTE CHANGE IN UNIT OF MEASURE):

For clamp screw:	1/2" ..... 70-80 in-lbs	1" ..... 65-90 in-lbs	1 1/2" ..... 160-180 in-lbs
	3/4" ..... 80-90 in-lbs	1 1/4" ..... 120-140 in-lbs	2" & 2 1/2" ..... 200-220 in-lbs

Lead Mac-Pak Comp. "-66", "-67", "-68" Compression

For nut size:	1/2" ..... 20 ft-lbs	1" ..... 40 ft-lbs	1 1/2" ..... 50 ft-lbs
	5/8" ..... 30 ft-lbs	1 1/4" ..... 45 ft-lbs	2" ..... 55 ft-lbs
	3/4" ..... 35 ft-lbs		

NOTE CHANGE IN UNIT OF MEASURE

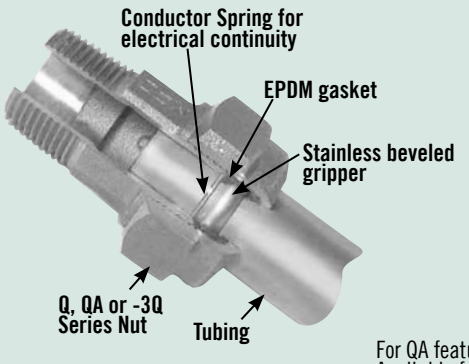
For clamp screw:	1/2" ..... 70-80 in-lbs	1" ..... 90-100 in-lbs	1 1/2" ..... 160-180 in-lbs
	5/8" ..... 75-85 in-lbs	1 1/4" ..... 120-140 in-lbs	2" ..... 160-180 in-lbs
	3/4" ..... 80-90 in-lbs		

DO NOT OVERTIGHTEN

NOTE: "T" Compression, Mac-Pak -22, McQuik "Q", C903 "K", McGrip "G", and Handy-Loc "H" nuts have the same threads and are interchangeable. Except where noted.

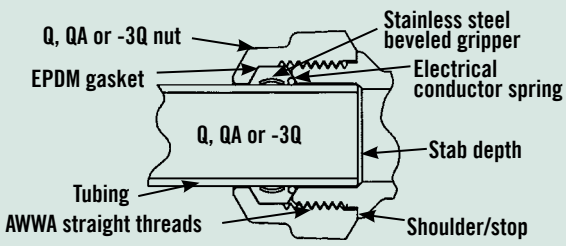
McQuik Compression - Q, QA, and -3Q Series

Copper tube, CTS PE (Q), QA or PEP (-3Q) is stabbed through the nut and gasket/friction ring assembly to stab depth. The Q, QA or -3Q nut is tightened to the stop/shoulder on the body, which compresses the EPDM gasket and stainless steel beveled gripper, which creates a water-tight seal and pull-out strength. The electrical conductor spring makes positive contact between the copper tubing and the brass nut/fitting. When using with CTS PE (Q) QA or PEP (-3Q), the electrical conductor spring becomes purposeless.





4700QA
Option for "Q" Nut

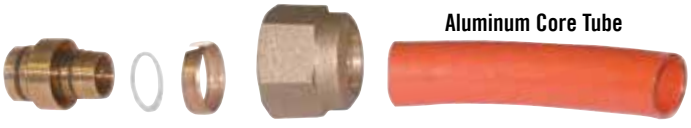


"A" Anode,
Thaw Wire, Tracer Wire
Option for "Q" Nut

For QA feature add "**A**" to the Model No.: 74701Q = **74701QA.**
Available for 3/4", 1", 1 1/4", 1 1/2", & 2.

NOTE: "T" Compression, Mac-Pak -22, McQuik "Q", C903 "K", McGrip "G", and Handy-Loc "H"" nuts have the same threads and are interchangeable.

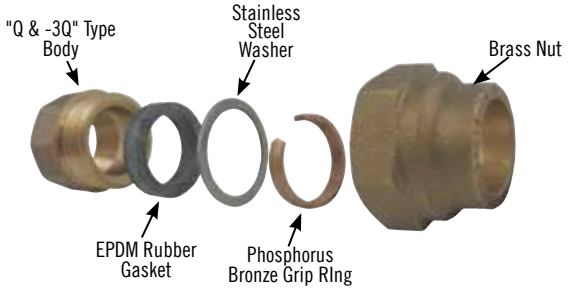
Any Q Series connection can be changed to a **C903 Connection**. Replace the "Q" in the model number with a "K." 3/4" or 1" only.

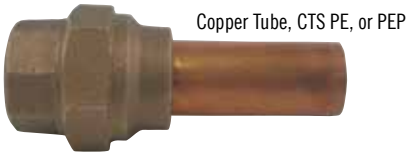


*Insert stiffeners are **required** on all flexible plastic connections. **NOTE: Materials meet or exceed A.W.W.A. Standard C-800.**

McGrip - G & -3G Series

Copper tube, CTS PE (G & -3G) is stabbed through the nut and grip ring/friction ring and gasket assembly to stab depth. The G & -3G nut is tightened to the stop/ shoulder on the body, which compresses the EPDM gasket and phosphorus bronze gripper, which creates a water-tight seal and pull-out strength.





The New “McGrip” Series from A.Y. McDonald Mfg. Co. is a CTS and PEP Compression connection that is available in 3/4”, 1”, 1 1/4”, 1 1/2” and 2” sizes.

This connection can be utilized on all A.Y. McDonald Mfg. Co. McQuik series end connections by removing the “Q or -3Q” Compression assembly and replacing it with the "G or -3G" assembly.

The brass nuts are made from C83600 ASTM B584 brass along with EPDM rubber gasket, Stainless steel washer and Phosphorus Bronze grip ring.

For use with Copper tube, (“K” & “L” Hard or Soft) or CTS PE (ASTM D2737 SDR 9) with appropriate Insert Stiffener.

For use with PEP (ASTM D2662 SIDR 7) with Model 6136 Insert Stiffener.

Features:
- Large wrench flats for easier installation
- Tighten to Shoulder Stop
- Interchangeability with any A.Y. McDonald Mfg. Co. McQuik Series

NOTE: “T” Compression, Mac-Pak -22, McQuik "Q", C903 "K", McGrip "G", and Handy-Loc "H" nuts have the same threads and are interchangeable. Except where noted.

To Order:
- Replace the “Q” in our model number with a “G” to get the McGrip. I.E. 74754Q 1” converts to 74754G 1”.
- Replace the “3Q” in our model number with a “3G” to get the PEP McGrip. I.E. 74754-3Q 1” converts to 74754-3G 1”.
- Same price as “3Q” Series.

Handy-Loc - H & -3H Series

A.Y. McDonald is pleased to announce the release of the interchangeable Handy-Loc Series Compression Nut (H and -3H.) The Handy-Loc is available for use with the 3/4” and 1” CTS (ASTM D2737 SDR 9) and PEP (ASTM D2239 SIDR 7) tubing and can be disengaged from the pipe without the need for any special tools. The Handy-Loc comes pre-assembled to Q or -3Q end connection at required torque, so additional installation is not required. Just chamfer and stab in tube to required depth, pull to set the grip ring, and test assembly.



The Handy-Loc doesn’t require or allow an insert stiffener and is available anywhere a McDonald 3/4” or 1” Q or -3Q exists. Also, available on valves, meter setters, and couplings - the Handy-Loc allows for cross compatibility between the nuts of McDonald fittings which reduces stock and eliminates the need for an adaptor.



Features:
- Chamfering tools create smooth and uniform leading edge.
- The tool is provided with a hole to facilitate live installations.
- Cast brass meets current revision of AWWA C800 Specification.
- Grip rings are color coded for easy identification (Red = CTS, White = PEP).
- Each fitting is plainly marked (3/4” CTS, 3/4” PEP, etc.)

Outlet Connections



Flare | -22, -33, -34, -44 -66, -67, -68 | -22FT (1 1/2” & 2”) | G & -3G | GFT (1 1/2” & 2”) | H & -3H | Q & -3Q | T | TFT (1 1/2” & 2”) | -55

Flaring & Re-rounding
TOOL INSTRUCTIONS

WARNING - THE FOLLOWING INSTRUCTIONS MUST BE READ AND FOLLOWED AT ALL TIMES.
IMPORTANT - ALWAYS WEAR SAFETY GOGGLES WHEN WORKING WITH THIS TOOL.

Chamfer Tool

Sizes Available -
3/4", 1"



4772 - CTS, **4773** - PEP,
4773R - Replacement Blades

1. Use a tube cutter to assure a square end. Make sure tube is round. Surface should be clean and free of nicks.
2. Use chamfer tool to bevel lead edge of tubing, do NOT lubricate tubing or use an insert stiffener.

Re-rounding

Sizes Available -
3/4", 1", 1 1/4", 1 1/2", 2"



4774FR

1. Cut copper tubing with appropriate wheel-type cutter. Be sure cut is square.
2. De-burr inside of cut tube (some cutters are equipped with de-burring tool).
3. Insert tapered end of tool into copper tubing.
4. Hit the tool end with soft face brass hammer to drive it into tube (steel hammers are not recommended). Drive only to within 1/2" of flare part of tool.

Flaring

Sizes Available -
3/4", 1", 1 1/4", 1 1/2", 2"



4775N

1. Cut copper tubing with appropriate wheel-type cutter.
2. De-burr inside of cut tube (some cutters are equipped with de-burring tool).
3. Put flared tube nut onto tubing.
4. Grease shoulder and shank of tool (use potable grease).
5. Insert tapered end of tool into copper tubing.
6. Drive tool into copper tube using soft face brass hammer (steel hammers are not recommended).
7. Rotate tool continuously and slide tube nut up to flare after each series of driving flare tool into tube.
8. Continue to flare tube until flare is snug inside tube nut. Tube nut should still spin freely by hand.
9. If tube cracks, or flare is unusable, re-cut tube and start over.

THESE ARE ONLY COMMON INSTRUCTIONS FOR RE-ROUNDING AND FLARING COPPER TUBING.
THE MANUFACTURER DOES NOT GUARANTEE, AND IS NOT RESPONSIBLE FOR ANY LOSS OR DAMAGE AS A RESULT OF THESE INSTRUCTIONS.

Wrench on Brass Valves & Fittings



Do NOT use a pipe wrench with serrated jaws



Use a wrench with smooth jaws

Insert Stiffeners

Insert Stiffeners required on all flexible plastic connections
Materials meet or exceed AWWA standard C800

6131T • PLASTIC
For copper tube size polyethylene



Sizes: 3/4", 1"

6133T • STAINLESS STEEL
For copper tube size polyethylene



Sizes: 3/4", 1", 1 1/4", 1 1/2", 2"

POLYETHYLENE - ASTM D2737 SDR 9 - TUBE SIZE
PEX TUBING - ASTM F876 - SDR 9 - CSA B137.5
POLYBUTYLENE - ASTM D2666 SDR 9 - TUBE SIZE - CLASS 250

6136 • STAINLESS STEEL
For ID PEP SIDR7 & 9 controlled



Sizes: 3/4", 1", 1 1/4", 1 1/2", 2"

POLYBUTYLENE -
ASTM D2662 SIDR 7 - or
POLYETHYLENE - ASTM D2239
SIDR 7 & 9 - PIPE SIZE

6137 • STAINLESS STEEL
For OD controlled PEP SDR9



Sizes: 3/4", 1", 1 1/4", 1 1/2", 2"

POLYETHYLENE - ASTM D3035
SDR 9 - OD CONTROLLED
PIPE SIZE

6138 • STAINLESS STEEL
For OD controlled PEP SDR11



Sizes: 3/4", 1", 1 1/4", 1 1/2", 2"

POLYETHYLENE - ASTM D3035
SDR 11 - OD CONTROLLED
PIPE SIZE

6131T
Plastic

Size	Carton PCS/WT	Price
3/4"	50/1	$1.79
1"	50/1	$2.48

6133T
Stainless Steel

Size	Carton PCS/WT	Price
3/4"	50/2	$2.54
1"	50/3	$2.69
1 1/4"	50/3	$3.31
1 1/2"	50/5	$3.71
2"	50/6	$3.71

6136
Stainless Steel

Size	Carton PCS/WT	Price
3/4"	50/3	$2.87
1"	50/4	$3.31
1 1/4"	50/5	$4.92
1 1/2"	50/6	$3.71
2"	25/4	$5.92

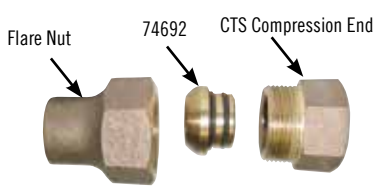
6137
Stainless Steel

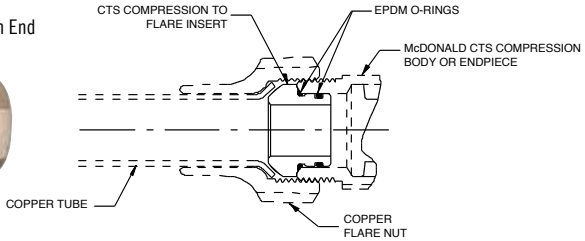
Size	Carton PCS/WT	Price
3/4"	50/3	$2.54
1"	50/4	$2.69
1 1/4"	25/3	$5.41
1 1/2"	25/4	$5.80
2"	25/4	$6.56

6138
Stainless Steel

Size	Carton PCS/WT	Price
3/4"	50/3	$2.54
1"	50/4	$2.69
1 1/4"	25/3	$5.41
1 1/2"	25/4	$5.80
2"	25/5	$6.56

Compression Adaptors & Plugs







74692
Converts 3/4" CTS Compression to 3/4" Flare
Converts 1" CTS Compression to 1" Flare
Converts 1 1/4" CTS, & 1" PEP Compression to 1 1/4" Flare

Size	Carton PCS/WT	Price
3/4"	25/3	$18.68
1"	10/3	$23.25
1 1/4"	10/5	$137.93

74692Q

Size	Carton PCS/WT	Price
1" x 3/4"	1/1	$42.54

74692T

Size	Carton PCS/WT	Price
1" x 3/4"	1/1	$42.54

74692CPLL
Converts 1 1/2" CTS Compression to 1 1/2" Flare

Size	Carton PCS/WT	Price
1 1/2"	10/21	$125.67

74692CPLL-16
Converts 1 1/2" CTS Compression to 1 1/2" Flare

Size	Carton PCS/WT	Price
1 1/2"	10/20	$125.67

74692CPLQ

Size	Carton PCS/WT	Price
2" x 1 1/2"	10/31	$166.79



74693
CTS Compression Plug
Plugs 3/4" & 1" CTS



Size	Carton PCS/WT	Price
3/4"	10/4	$51.92
1"	10/6	$56.41

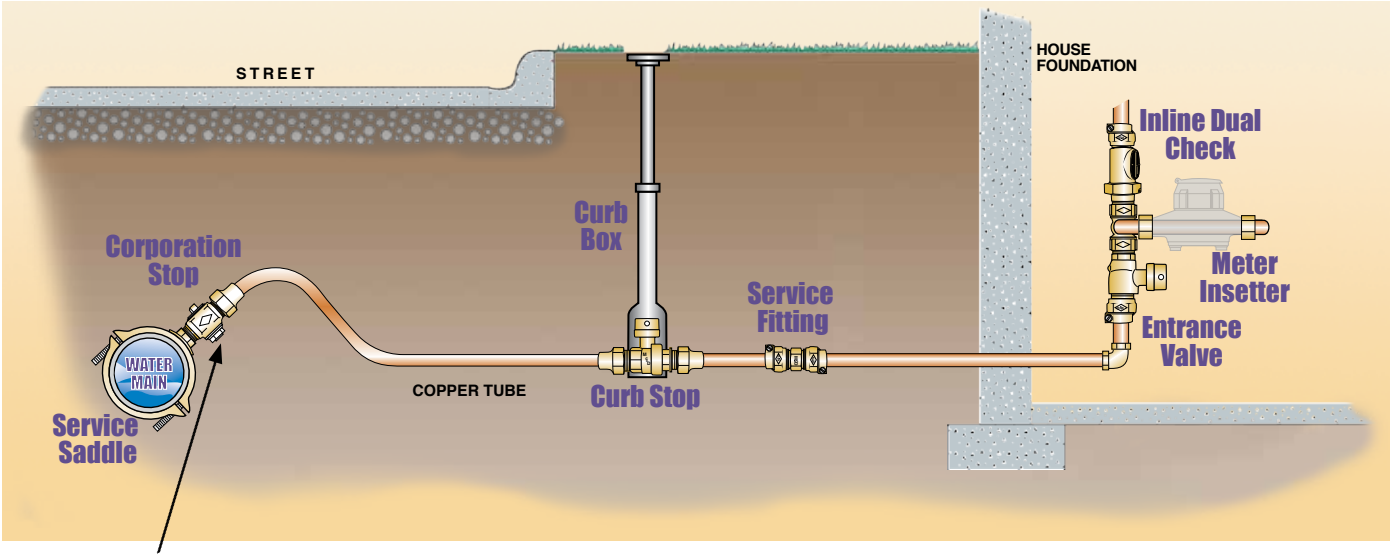
74692PEP
Converts 3/4" PEP Compression to 1" Flare

Size	Carton PCS/WT	Price
3/4"	10/3	$23.25

74694-33-22
Converts 3/4" PEP to 1" CTS Compression

Size	Carton PCS/WT	Price
3/4" x 1"	10/8	$97.32

Water Service Lateral



The Corporation Stop is the initial control valve of the service line.

Notes:

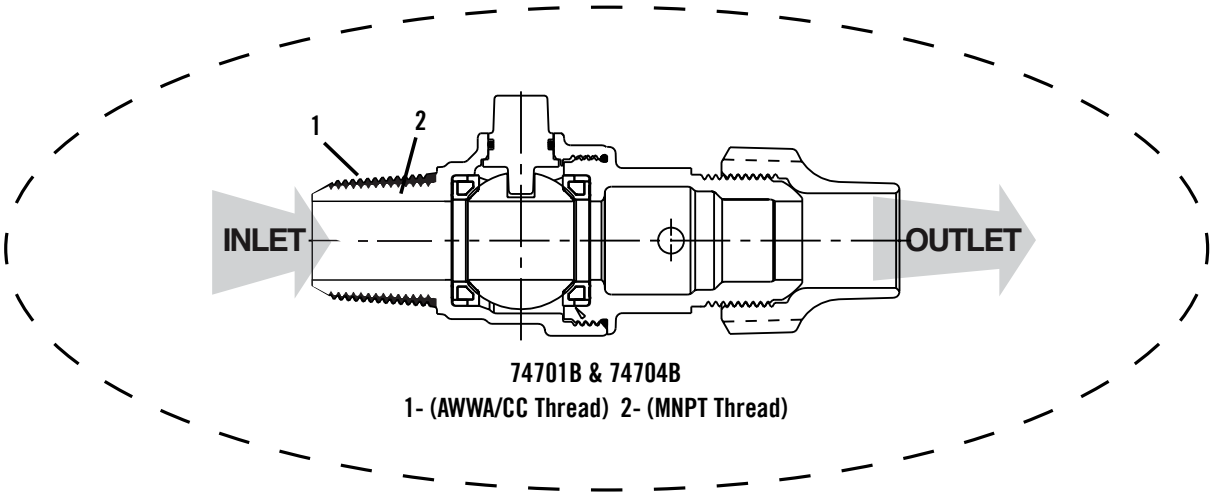
- All A.Y. McDonald Ball & Plug Style Corporation Stops are available with a wide variety of outlet connections and are manufactured to meet or exceed the AWWA C800 (latest revision) standard, except where noted.
- All A.Y. McDonald Ball & Plug Style Corporation Stops are designed to be used with all known tapping and drilling machines. For drilling and tapping machine adapters, except where noted see pages 78-79.
- Each A.Y. McDonald Ball & Plug Style Corporation Stop is pressure tested prior to packaging.
- Assembly is shipped with a color coded inlet thread protector - Green for AWWA/CC threads, Yellow for AWWA MNPT.
- A.Y. McDonald 3/4" and 1" "G", "H", "K", "Q", "T", "-22", and 1 1/4" Q series compression and flare outlets use the same female screw plug. The 1 1/2" and 2" "G", "Q", "T", and "-22" Series use special female screw plugs.
- A.Y. McDonald 3/4" and 1" "-3G", "-3Q", "-33", "-34", "-44", "-55", and 1 1/2" "-33" are one size larger thread. Example: 3/4" "-33" is 1" AWWA flare nut thread. See chart pages 78-79.
- Insert stiffeners are required for use in all PE applications.

Additional Options:

- For companion couplings for flare end, refer to the Service Fitting section in catalog, starting on page 198
- (FT) in the model number of 1 1/2" and 2" sized corporation valves designates Flare Thread Outlet I.E. 74701B-22 becomes 74701B-22FT
- (BCAP) in the model number designates a valve with a removable large operating head, see page 82-83 - I.E. 74701B becomes 74701BCAP
- (DB) in the model number designates a valve with a dielectric bushing assembled water tight (these valves will not fit in tapping and drilling machines), see page 210 I.E. 74701B becomes 74701BDB
- (BSP) in the model number designates British Standard Pipe thread outlet (contact factory for availability and pricing)
- For additional outlet connection options, see page 22
- **(RW) in the model number designates marking for "Reclaimed Water". (Contact factory for availability and pricing)**
- **(PITO) in the model number designates Pito tube inlet, see page 89**

Ball Style Corporation Stops

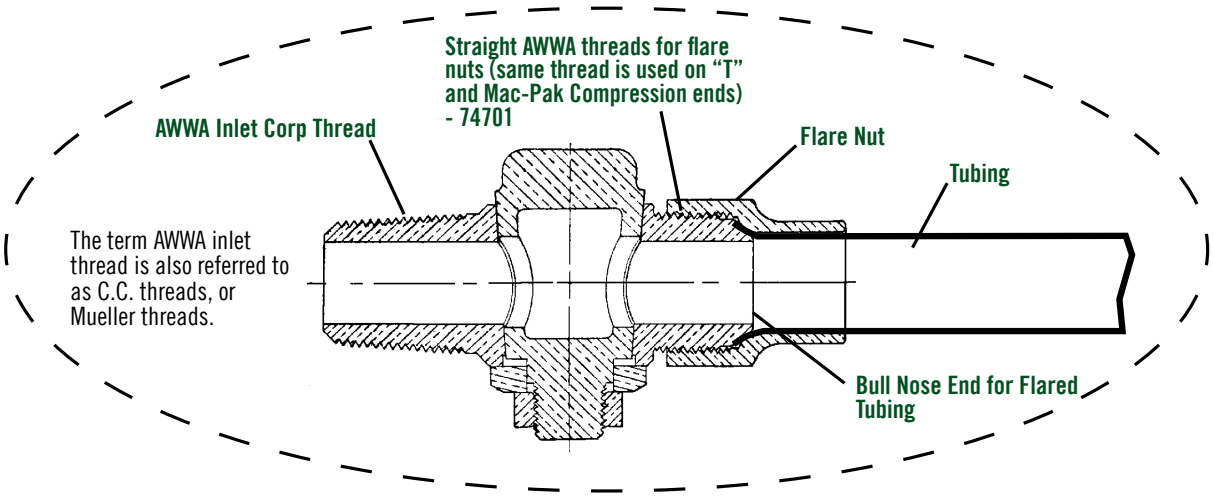
A.Y. McDonald Ball Style Corporation Stops come standard with a 360º operating head and are designed for low turning torques and operating pressures up to 300 PSI. The brass ball is coated with PTFE and supported by two blow-out proof EPDM seals. The end piece that holds the ball in the body is sealed with an EPDM O-ring and thread locker. A.Y. McDonald ball valves have no metal-to-metal contact between the ball and the body to cause higher turning torques and increased wear on the ball. The leak proof feature at 300 PSI rating makes these valves a better choice than a plug valve when test or operating pressures exceed 80 PSI.



74701B & 74704B
1- (AWWA/CC Thread) 2- (MNPT Thread)

Plug Style Corporation Stops

A.Y. McDonald Plug Style Corporation Stops come standard with a 360º operating head. The one piece body and plug are precision machined to assure a perfect match between the plug and the body to allow operating pressures of 100 PSI on 1/2", 3/4" and 1" valves and 80 PSI on 1 1/4", 1 1/2" and 2" valves. This same machining precision carries over to the threads to assure A.Y. McDonald's high quality and compatibility with direct taps and saddle applications.



A.Y. McDonald waterworks products are designed for reliable service. Like all brass products, however, they can be damaged by improper handling and use.

CAUTION:

1. PROTECT THREADS Nicks or distorted threads, especially on tapered threads, can cause leaks.
2. USE A GOOD THREAD SEALANT where threads are intended to provide a leak-proof connection. Do not overtighten.
3. DO NOT use Vaseline®, plumber's grease, or any other petroleum product on seals or o-rings.
4. USE ONLY A SMOOTH JAWED ADJUSTABLE WRENCH on the flats provided nearest the thread being made up. Serrated pipe wrenches apply a loose, improper fit that can distort the body and cause a leak, especially on valves.
5. Plug style corp valves should be installed so that the wrenching flats of a tightened valve are positioned top and bottom (see Figure 1).
6. AVOID DROPPING or the use of a hammer on any plug or key type valve. Impacts, causing dents or distortion, can cause leaks by unseating the plug portion of the valve.
7. PRESSURE TEST for leaks before backfilling.
8. FIELD TESTING Special high pressure field testing may require capping the outlet of corporation stops, curb stops and angle meter stops.

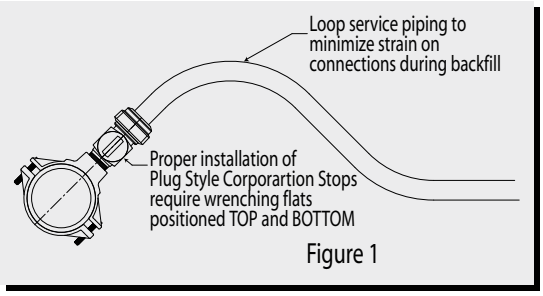


Figure 1

9. HIGH PRESSURE INSTALLATION Standard AWWA tapered plug valves are intended for not more than 100 PSIG water in sizes 1/2", 3/4" and 1" and 80 PSIG water for 1 1/4", 1 1/2" and 2" valves.
10. BACKFILL CAREFULLY to avoid damage to the service line and connections. Loop service piping on corporation connections to minimize strain on the body and connections (See Figure 1).
11. Use extra care with high water pressures (over 100 PSIG) and pipe or tubing over 1". Consult factory if desired.
12. Keep valve clean and free from dirt and debris.
13. Protect valve from freezing, which may distort valve. In the event the valve does freeze, do not forcibly try to open or close the valve while the valve is frozen. This may destroy the valve.
14. If valve has compression style connection, read connection instruction sheet prior to installation.
15. All valves must be operated in the fully opened or fully closed position. Attempts to throttle flow by operating the valve in a partially open position may destroy the valve.

NOTE: For corps with C903 ends, remove C903 adaptor prior to drilling. Reassemble C903 adaptor to corp after drilling. Inspect all o-rings for damage prior to reassembly.

NOTE: For installations having pressures in excess of 100 PSIG (1/2", 3/4" and 1" corp stops) or 80 PSIG (1-1/4", 1-1/2" and 2" corp stops), the use of McDonald "ball-style" corporation stops is recommended. Ball corporations are for use with water only and are rated at 300 PSIG water pressure.

FOR COLD WATER APPLICATIONS ONLY

DAMAGE CAUSED BY IMPROPER USE AND HANDLING WILL VOID OUR WARRANTY.

Recommended Wrenching on Brass Valves and Fittings

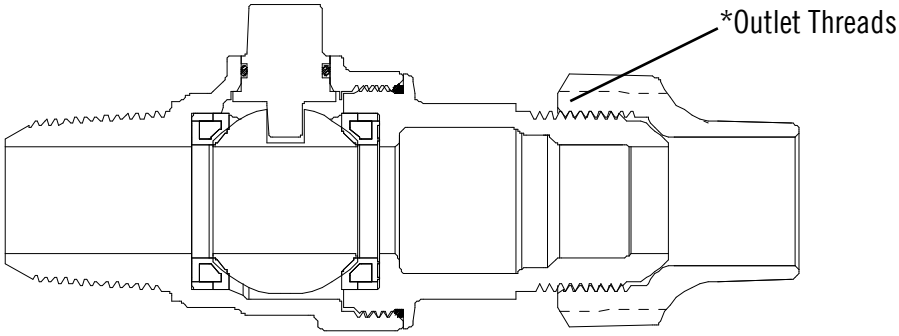

Do NOT use a pipe wrench with serrated jaws


Use a wrench with smooth jaws

Drilling Machine Adapters

Maximum Size Drills to be used with A.Y. McDonald Corporation Stops - **Per AWWA C-800 Table 1**

CORPORATION SIZE	1/2"	5/8"	5/8" x 3/4"	3/4"	3/4" x 1"	1"	1 1/4"	1 1/2"	2"
Corp Stop with AWWA Thread Inlet	7/16"	9/16"	9/16"	11/16"	11/16"	15/16"	1 3/16"	1 7/16"	1 7/8"
Corp Stop with I. P. Thread Inlet	7/16"	--	--	11/16"	11/16"	7/8"	1 1/8"	1 7/16"	1 3/4"



***Threads per AWWA C-800, Table 4**

CORPORATION MODEL / SIZE								OUTLET THREADS*	MUELLER DRILLING MACHINES		ROMAC TAPMATE T00	HAYS DRILLING MACHINES		FORD DRILLING MODEL 77	REED DRILLING		RIDGID			SIMTAP
									E-4 & E-5	D-4 & D-5		5930	5935		DM1000 & 2000	DMPVC	RT 1000	RT 3422	MLT 3401	
74701-22	5/8 x 3/4	74701B-22	3/4	74704T	3/4	74701G	3/4	3/4" Flare	52019	37902	351-05-506	354-05-506	355-05-506	DMA2-3	08423	04426	83317	76057	92097	116A
74701T	5/8 x 3/4	74701BQ	3/4	74704B-22	3/4	74704G	3/4													
74701-22	3/4	74701BT	3/4	74704BQ	3/4	74701BG	3/4													
74701Q	3/4	74704-22	3/4	74704BT	3/4	74704BG	3/4													
74701T	3/4	74704Q	3/4																	
74701-33	3/4	74701B-55	3/4	74704Q	1	74701-3G	3/4	1" Flare	36750	37903	351-05-508	354-05-508	355-05-508	DMA2-4	08424	04427	83322	76067	92012	117A
74701-3Q	3/4	74701B-22	3/4 x 1	74704T	3/4 x 1	74704-3G	3/4													
74701-44	3/4	74701B-22	1	74704T	1	74701B-3G	3/4													
74701-55	3/4	74701BQ	1	74704B-33	3/4	74704B-3G	3/4													
74701-22	3/4 x 1	74701BT	3/4 x 1	74704B-3Q	3/4	74701G	1													
74701-22	1	74701BT	1	74704B-44	3/4	74704G	1													
74701Q	1	74704-33	3/4	74704B-55	3/4	74701BG	1													
74701T	3/4 x 1	74704-3Q	3/4	74704B-22	3/4 x 1	74704BG	1													
74701T	1	74704-44	3/4	74704B-22	1															
74701B-33	3/4	74704-55	3/4	74704BQ	1															
74701B-3Q	3/4	74704-22	3/4 x 1	74704BT	3/4 x 1															
74701B-44	3/4	74704-22	1	74704BT	1															
74701-33	1	74701B-44	1	74704-22	1 1/4	74701-3G	1	1 1/4" Flare	45385	37904	351-05-510	354-05-510	355-05-510	DMA2-5	--	--	--	76072	92107	118A
74701-3Q	1	74701B-55	1	74704Q	1 1/4	74704-3G	1													
74701-44	1	74701B-22	1x1 1/4	74704T	1 x 1 1/4	74701B-3G	1													
74701-55	1	74701BQ	1x1 1/4	74704T	1 1/4	74704B-3G	1													
74701-22	1 x 1 1/4	74701BT	1 x 1 1/4	74704B-33	1	74701BG	1 x 1 1/4													
74701-22	1 1/4	74704-33	1	74704B-3Q	1	74701G	1 1/4													
74701Q	1 1/4	74704-3Q	1	74704B-44	1	74704G	1 1/4													
74701T	1 x 1 1/4	74704-44	1	74704B-55	1															
74701T	1 1/4	74704-55	1	74704B-22	1 x 1 1/4															
74701B-33	1	74704-22	1 x 1 1/4	74704BT	1 x 1 1/4															
74701B-3Q	1																			
74701Q	1 1/2	74701T	1 1/2	74704Q	1 1/2	74704G	1 1/2	1 1/2" Special	501949	507644	351-05-712	--	--	DMA4-6-Q	--	--	--	84007	92157	121A
74701BQ	1 1/2	74701B-22	1 1/2	74704BQ	1 1/2	74701BG	1 1/2													
74701-22	1 1/2	74701BT	1 1/2	74701G	1 1/2	74704BG	1 1/2													
74701Q	2	74701B-22	1 1/2 x 2	74704B-22	1 1/2 x 2	74701G	2	2" Special	508199	507645	351-05-716	--	--	DMA4-7-Q	--	--	--	84012	92162	124A
74701BQ	2	74701BT	1 1/2 x 2	74704BT	1 1/2 x 2	74704G	2													
74701-22	2	74704-22	2	74704Q	2	74701BG	2													
74701T	2	74704T	2	74704BQ	2	74704BG	2													
74701B-22	2	74704B-22	2																	
74701BT	2	74704BT	2																	
74701-22FT	1 1/2	74701B-44	1 1/2	74704B-22FT	1 1/2			1 1/2" Flare	501947	37905	351-05-512	--	355-05-512	DMA2-6	08425	--	--	76077	92112	120A
74701TFT	1 1/2	74704-22FT	1 1/2	74704BTFT	1 1/2															
74701B-22FT	1 1/2	74704TFT	1 1/2	74704B-44	1 1/2															
74701BTFT	1 1/2																			
74701B-33	1 1/2	74701BTFT	2	74704-22FT	2			2" Flare	508201	37906	351-06-516	--	355-37	DMA2-7	08426	--	--	76082	92117	123A
74701B-22FT	1 1/2 x 2	74701B-33	2	74704TFT	2															
74701BTFT	1 1/2 x 2	74701B-44	2	74704B-22FT	2															
74701-22WFT	2	74704B-33	1 1/2	74704BTFT	2															
74701TFT	2	74704B-22FT	1 1/2 x 2	74704B-33	2															
74701B-22FT	2	74704BTFT	1 1/2 x 2	74704B-44	2															

Tapping Machine Adapters

CORPORATION MODEL / SIZE						OUTLET THREADS*	MUELLER TAPPING MACHINES			HAYS TAPPING MACH. NO. B-1	REED CDTM1000 & 2000;TM1000	RIDGID MLT3401
							NO. B-100 & B-101	NO. B	NO. A-2 & A-3			
74701-22	5/8 x 3/4			74701G	3/4							
74701T	5/8 x 3/4			74704G	3/4							
74701-22	3/4	74704-22	3/4	74701BG	3/4							
74701Q	3/4	74704Q	3/4	74704BG	3/4	3/4" Flare	680600	680600	680600	353-06-106	98423	92182
74701T	3/4	74704T	3/4									
74701B-22	3/4	74704B-22	3/4									
74701BQ	3/4	74704BQ	3/4									
74701BT	3/4	74704BT	3/4	74701-3G	3/4							
74701-33	3/4	74704-33	3/4	74704-3G	3/4							
74701-3Q	3/4	74704-3Q	3/4	74701B-3G	3/4							
74701-44	3/4	74704-44	3/4	74704B-3G	3/4							
74701-55	3/4	74704-55	3/4	74701G	1							
74701-22	3/4 x 1	74704-22	3/4 x 1	74704G	1							
74701-22	1	74704-22	1	74701BG	1							
74701Q	1	74704Q	1	74704BG	1							
74701T	3/4 x 1	74704T	3/4 x 1									
74701T	1	74704T	1			1" Flare	680601	680601	680601	353-06-108	98424	92187
74701B-33	3/4	74704B-33	3/4									
74701B-3Q	3/4	74704B-3Q	3/4									
74701B-44	3/4	74704B-44	3/4									
74701B-55	3/4	74704B-55	3/4									
74701B-22	3/4 x 1	74704B-22	3/4 x 1									
74701B-22	1	74704B-22	1									
74701BQ	1	74704BQ	1									
74701BT	3/4 x 1	74704BT	3/4 x 1	74701-3G	1							
74701BT	1	74704BT	1	74704-3G	1							
74701-33	1	74704-33	1	74701B-3G	1							
74701-3Q	1	74704-3Q	1	74704B-3G	1							
74701-44	1	74704-44	1	74701BG	1 x 1 1/4							
74701-55	1	74704-55	1	74701G	1 1/4							
74701-22	1 x 1 1/4	74704-22	1 x 1 1/4	74704G	1 1/4							
74701-22	1 1/4	74704-22	1 1/4									
74701Q	1 1/4	74704Q	1 1/4									
74701T	1 x 1 1/4	74704T	1 x 1 1/4			1 1/4" Flare	680602	--	680602	353-06-110	--	--
74701T	1 1/4	74704T	1 1/4									
74701B-33	1	74704B-33	1									
74701B-3Q	1	74704B-3Q	1									
74701B-44	1	74704B-44	1									
74701B-55	1	74704B-55	1									
74701B-22	1 x 1 1/4	74704B-22	1 x 1 1/4									
74701BQ	1x 1 1/4	74704BT	1 x 1 1/4									
74701BT	1 x 1 1/4			74701G	1 1/2							
74701Q	1 1/2	74704Q	1 1/2	74704G	1 1/2							
74701BQ	1 1/2	74704BQ	1 1/2	74701BG	1 1/2							
74701-22	1 1/2	74704-22	1 1/2	74704BG	1 1/2	1 1/2" Special	--	--	680421	--	--	--
74701T	1 1/2	74704T	1 1/2									
74701B-22	1 1/2	74704B-22	1 1/2	74701G	2							
74701BT	1 1/2	74704BT	1 1/2	74704G	2							
74701Q	2	74704Q	2	74701BG	2							
74701BQ	2	74704BQ	2	74704BG	2							
74701-22	2	74704-22	2									
74701T	2	74704T	2			2" Special	--	--	680422	--	--	--
74701B-22	2	74704B-22	2									
74701BT	2	74704BT	2									
74701B-22	1 1/2 x 2	74704B-22	1 1/2 x 2									
74701BT	1 1/2 x 2	74704BT	1 1/2 x 2									
74701-22FT	1 1/2	74704-22FT	1 1/2									
74701TFT	1 1/2	74704TFT	1 1/2			1 1/2" Flare	--	--	88640	--	--	--
74701B-22FT	1 1/2	74704B-22FT	1 1/2									
74701BTFT	1 1/2	74704BTFT	1 1/2									
74701B-44	1 1/2	74704B-44	1 1/2									
74701B-33	1 1/2	74704B-33	1 1/2									
74701B-22FT	1 1/2 x 2	74704B-22FT	1 1/2 x 2									
74701BTFT	1 1/2 x 2	74704BTFT	1 1/2 x 2									
74701-22FT	2	74704-22FT	2									
74701TFT	2	74704TFT	2			2" Flare	--	--	88641	--	--	--
74701B-22FT	2	74704B-22FT	2									
74701BTFT	2	74704BTFT	2									
74701B-33	2	74704B-33	2									
74701B-44	2	74704B-44	2									

Repair Parts

IPS & C900 PVC Pipe | Ductile Iron Pipe | Ductile Iron Body Saddle - DI & PVC Pipe



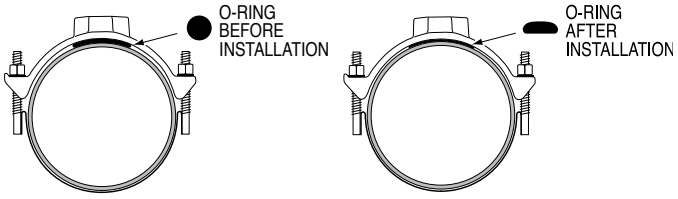
For IPS PVC pipe all brass TWO BOLT saddles (Schedule 40 or 80)



Ductile Iron Body Saddles for C900 PVC Pipe

MODEL	PIPE SIZE	TAP SIZE	ORDER PART NO.
3801 3802 3805 3806	2" - 8"	1/2" - 1"	3100-906 Screw
3801 3802 3805 3806	4" 6" 8"	1 1/2" - 2"	3100-908 Screw
3801 3802 3805 3806	10" - 12"	1/2" - 2"	3100-915 Screw
3815 3816 3825A 3825B 3826 3826A 3826B	4" - 16"	1/2" - 2"	4148-537 Screw

MODEL	PIPE SIZE	TAP SIZE	ORDER PART NO.
3835 3836 3845 3846 3855 3856 4815A 4816A 4825A 4826A 4835A 4836A 4845A 4846A 4855A 4856A	4" - 12"	1/2" - 2"	4148-660 Nut 4148-573 Washer
3891 3892 3895 3896	2" - 8"	1/2" - 2"	3100-911 Screw



These saddles come standard with a heavy duty EPDM O-ring gasket that is adhered to the saddle to insure a positive seal equal to, but not exceeding, the pressure rating of the pipe, up to 200 PSIG.

2 Piece Saddle - 3801, 3802, 3805, 3806

1. Saddles should be installed after pipe pressure testing is completed.
2. Use only on PVC pipe. Make sure you have proper type and size of saddle for pipe. Reference pipe diameter, tap size and identification located on each saddle.
3. Make sure saddle sealing surface on the pipe is clean, free of "nicks", gouges, or other imperfections that could cause leakage.
4. DO NOT use Vaseline®, plumber's grease, or any other petroleum based product on seals or o-rings.
5. Place saddle outlet and band around pipe and attach together loosely using capscrews into tapped holes. Then rotate the saddle into desired position.
6. **A.Y. McDonald saddles are NOT designed to bottom out.**
   Alternating between each bolt, tighten to the following torques:

   FOR 3/4" AND 1" THREAD SIZE OUTLETS:
   2", 2-1/2", and 3" pipe - 4 - 5 *FOOT-POUNDS.*
   (approx. 4 to 5 lbs. pull on 12" wrench)
   4", 6", and 8" pipe - 5 - 6 *FOOT-POUNDS.*
   (approx. 5 to 6 lbs. pull on 12" wrench)
   10" and 12" pipe - 24 - 26 *FOOT-POUNDS.*
   (approx. 24 to 26 lbs. pull on 12" wrench)

   FOR 1-1/2" AND 2" THREAD SIZE OUTLETS:
   4" and 6" pipe - 13 - 15 *FOOT-POUNDS.*
   (approx. 13 to 15 lbs. pull on 12" wrench)
   8" pipe - 17 - 19 *FOOT-POUNDS.*
   (approx. 17 to 19 lbs. pull on 12" wrench)
   10" and 12" pipe - 24 - 26 *FOOT-POUNDS.*
   (approx. 24 to 26 lbs. pull on 12" wrench)
7. **Overtightening can cause failure of saddle or bolt.**
8. After the corporation stop has been installed, recheck saddle torque and tighten if necessary.
9. McDonald saddles are designed to withstand water working pressure up to but not exceeding the working pressure rating of the pipe up to 200 PSIG maximum. **Use only on a cold water service.**
10. Saddle testing should be accomplished while services are exposed and prior to backfilling.

3210-327 **8/11**

Hinged Saddle - 3891, 3892, 3895, 3896

1. Saddles should be installed after pipe pressure testing is completed.
2. Use only on PVC pipe.
3. Make sure you have proper type and size of saddle for pipe. Reference pipe diameter range, tap size and identification located on each hinged saddle.
4. Clean pipe surface thoroughly.
5. DO NOT use Vaseline®, plumber's grease, or any other petroleum based product on seals or o-rings.
6. Mount saddle on pipe with outlet facing desired direction.
7. **A.Y. McDonald hinged saddles are NOT designed to bottom out.**
   Tighten bolts to the following torques:

   3/4" and 1" thread size outlets:
   2", 2 1/2", 3" pipe - 4 - 5 FOOT-POUNDS.
   (approx. 4 to 5 lbs pull on a 12" wrench)
   4", 6", 8" pipe - 5 - 6 FOOT-POUNDS.
   (approx. 5 to 6 lbs pull on a 12" wrench)

   1 1/2" and 2" thread size outlets:
   3", 4" pipe - 5 - 6 FOOT-POUNDS*.
   (approx. 5 to 6 lbs pull on a 12" wrench)
   6", 8" pipe - 7 - 9 FOOT-POUNDS*.
   (approx. 7 to 9 lbs pull on a 12" wrench)

   *Be sure to alternate tightening of the 2 bolts to ensure even loading.
8. **Overtightening can cause failure of saddle, bolt or hinge pin.**
9. After the corporation stop has been installed, recheck saddle torque and tighten if necessary.
10. McDonald hinged saddles are designed to withstand water working pressure up to but not exceeding the working pressure rating of the pipe up to 200 PSIG maximum. **Use only on a cold water service.**
11. Saddle testing should be accomplished while services are exposed and prior to backfilling.

3210-308 **8/11**

Stainless Steel Band Saddle - 3835, 3836, 3845, 3845A, 3845B, 3846, 3846A, 3846B, 3855, 3856, 4835A, 4836A, 4845A, 4846A, 4855A, 4856A

1. Whenever possible, saddles should be installed after pipe pressure testing is completed.
2. Make sure the proper type and size saddle have been selected for the pipe.
   NOTE: Both 10" and 12" saddles are available with multiple band and saddle top combinations. Make sure the pipe size lies in the ranges listed on the band/saddle top combination.
3. Clean pipe surface thoroughly.
4. DO NOT use Vaseline®, plumber's grease, or any other petroleum based product on seals or o-rings.
5. Mount saddle on pipe with outlet facing desired direction.
6. **Tighten nuts evenly to a torque of 30-35 FOOT POUNDS.**
7. **Overtightening can cause failure of the pipe and/or the saddle.**
8. After the corporation stop has been installed, recheck saddle torque and tighten if necessary.
9. A.Y. McDonald stainless steel band saddles are designed to with stand water working pressure, up to but not exceeding, the working pressure rating of the pipe. **Use only on a cold water service.**
10. Saddle testing should be accomplished while services are exposed and prior to backfilling.

3210-381 **8/11**

Bronze Single Band Saddle - 3815, 3816

1. Whenever possible, saddles should be installed after pipe pressure testing is completed.
2. Make sure you have proper type and size of saddle for pipe. Reference pipe diameter range, tap size and identification located on the top piece of each saddle.
3. **Do not use on PVC pipe.**
4. Clean pipe surface thoroughly.
5. DO NOT use Vaseline®, plumber's grease, or any other petroleum based product on seals or o-rings.
6. Mount saddle on pipe with outlet facing desired direction.
7. **Tighten nuts evenly to a torque of 45-55 FOOT POUNDS.**
8. After the corporation stop has been installed, recheck saddle torque and tighten if necessary.
9. A.Y. McDonald single band saddles are designed to withstand water working pressure up to, but not exceeding, the working pressure rating of the pipe. **Use only on a cold water service.**
10. Saddle testing should be accomplished while services are exposed and prior to backfilling.

3210-319 **8/11**

Bronze Double Band Saddle - 3825, 3825A, 3825B, 3826, 3826A, 3826B

1. Whenever possible, saddles should be installed after pipe pressure testing is completed.
2. Make sure you have proper type and size of saddle for pipe. Reference pipe diameter range, tap size and identification located on each double band top.
3. Clean pipe surface thoroughly.
4. DO NOT use Vaseline®, plumber's grease, or any other petroleum based product on seals or o-rings.
5. Mount saddle on pipe with outlet facing desired direction.
6. **Tighten nuts evenly to a torque of 45-55 FOOT POUNDS.**
7. **Do not use on PVC pipe unless installation meets pipe manufacturers recommendations or approval. If used with PVC pipe - tighten nuts evenly to 30 foot pounds. Overtightening can cause failure of the pipe.**
8. After the corporation stop has been installed, recheck saddle torque and tighten if necessary.
9. A.Y. McDonald double band saddles are designed to withstand water working pressure up to but not exceeding the working pressure rating of the pipe. **Use only on a cold water service.**
10. Saddle testing should be accomplished while services are exposed and prior to backfilling.

3210-302 **8/11**

Steel Single Band Saddle - 4815A, 4816A

1. Whenever possible, saddles should be installed after pipe pressure testing is completed.
2. Make sure you have proper type and size of saddle for pipe. Reference pipe diameter range, tap size and identification located on the top piece of each saddle.
3. **Do not use on PVC pipe.**
4. Clean pipe surface thoroughly.
5. DO NOT use Vaseline®, plumber's grease, or any other petroleum based product on seals or o-rings.
6. Mount saddle on pipe with outlet facing desired direction.
7. **Tighten nuts evenly to a torque of 45-55 FOOT POUNDS.**
8. After the corporation stop has been installed, recheck saddle torque and tighten if necessary.
9. A.Y. McDonald single band saddles are designed to withstand water working pressure up to, but not exceeding, the working pressure rating of the pipe. **Use only on a cold water service.**
10. Saddle testing should be accomplished while services are exposed and prior to backfilling.

3210-379 **8/11**

Steel Double Band Saddle - 4825A, 4825B, 4826A, 4826B

1. Whenever possible, saddles should be installed after pipe pressure testing is completed.
2. Make sure you have proper type and size of saddle for pipe. Reference pipe diameter range, tap size and identification located on each double band top.
3. Clean pipe surface thoroughly.
4. DO NOT use Vaseline®, plumber's grease, or any other petroleum based product on seals or o-rings.
5. Mount saddle on pipe with outlet facing desired direction.
6. **Tighten nuts evenly to a torque of 45-55 FOOT POUNDS.**
7. **Do not use on PVC pipe unless installation meets pipe manufacturers recommendations or approval. If used with PVC pipe - tighten nuts evenly to 30 foot pounds. Overtightening can cause failure of the pipe.**
8. After the corporation stop has been installed, recheck saddle torque and tighten if necessary.
9. A.Y. McDonald double band saddles are designed to withstand water working pressure up to but not exceeding the working pressure rating of the pipe. **Use only on a cold water service.**
10. Saddle testing should be accomplished while services are exposed and prior to backfilling.

3210-380 **8/11**

WARNING!

WARNING: It is unlawful in **CALIFORNIA & VERMONT (effective 1/1/2010); MARYLAND (effective 1/1/2012); LOUISIANA (effective 1/1/2013) and the UNITED STATES OF AMERICA (effective 1/4/2014)** to use any product in the installation or repair of any public water system or any plumbing in a facility or system that provides water for human consumption if the wetted surface area of the product has a weighted average lead content greater than 0.25%. This prohibition does not extend to service saddles used in California, Louisiana or under USA Public Law 111-380. **WARNING:** This product can expose you to chemicals including lead, which is known to the State of **CALIFORNIA** to cause cancer and birth defects or other reproductive harm.
For more information go to: www.P65Warnings.ca.gov.

Pipe O.D. Chart

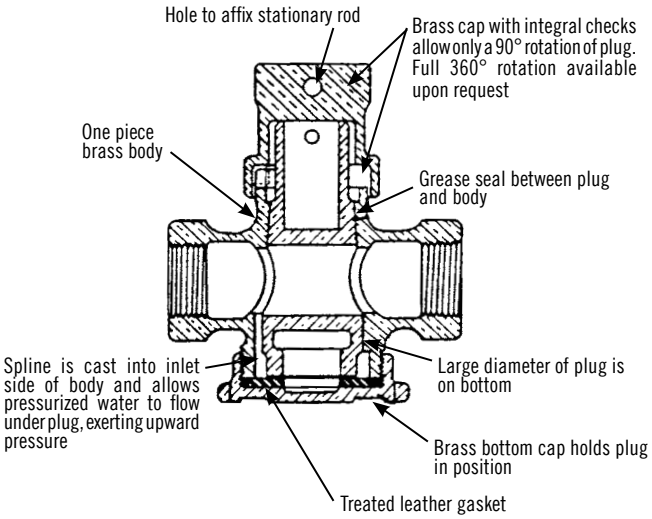
Nom. O.D.	IPS PVC/HDPE Steel Size O.D.	DIP PVC C900/C905 O.D.	Cast Iron Classes Pit	Cast Iron Classes Spun	Cast Iron O.D.	Asbestos - Cement Class	Asbestos - Cement Machined End O.D.	Asbestos - Cement Rough-Barrel O.D. (Min-Max)	Steel Type	Steel O.D.	Copper O.D.
2”	2.38	2.50			2.50				STD	2.38	2.125
2 1/2”	2.88								STD	2.88	2.625
3”	3.50		A		3.80	100	3.74	4.00	O.D.	3.00	3.125
			B, C, D,	50 - 350	3.96	150	150	3.84	STD	3.50	3.125
						200	3.84	4.29			3.125
4”	4.50	4.80	A	50 - 350	4.80	100	4.64	4.79 - 5.14	O.D.	4.00	4.125
			B, C, D		5.00	150	4.81	4.97 - 5.27	STD	4.50	4.125
						200	4.81	5.22 - 5.57			4.125
6”	6.63	6.90	A	50 - 350	6.90	100	6.91	7.05 - 7.40	O.D.	6.00	6.125
			B, C, D		7.10	150	6.91	7.07 - 7.37	STD	6.63	6.125
			E, F		7.22	200	6.91	7.26 - 7.56			6.125
8”	8.63	9.05	A, B	50 - 300	9.05	100	9.11	9.22 - 9.57	O.D.	8.00	
			C, D	350	9.30	150	9.11	9.27 - 9.57	STD	8.63	
			E, F		9.42	200	9.11	9.39 - 9.74			
10”	10.75	11.10	A, B	50 - 200	11.10	100	11.24	11.42 - 11.77	O.D.	10.00	
			C, D	250 - 350	11.40	150	11.66	11.82 - 12.12	STD	10.75	
			E, F		11.60	200	11.66	11.77 - 12.12			
12”	12.75	13.20	A, B	50 - 200	13.20	100	13.44	13.69 - 14.04	O.D.	12.00	
			C, D	250 - 350	13.50	150	13.92	14.08 - 14.38	STD	12.75	
			E, F		13.76	200	13.92	14.03 - 14.38			
14”	14.00	C900/C905 15.30	A, B	50 - 100	15.30	100	15.07	15.40 - 15.80	O.D.	14.00	
			C, D	150 - 300	15.65	150	16.22	16.38 - 16.73			
			E, F		15.98	200	16.22	16.48 - 16.88			
16”	16.00	C900/C905 17.40	A, B	50 - 100	17.40	100	17.14	17.54 - 17.94	O.D.	16.00	
			C, D	150 - 300	17.80	150	18.46	18.62 - 18.97			
			E, F		18.16	200	18.46	18.79 - 19.19			
18”	18.00	C900/C905 19.50	A, B	50 - 100	19.50	100	19.90	20.44	STD	18.00	
			C, D	150 - 250	19.92	150	20.94	21.20			
			A, B	50 - 100	21.60	100	22.12	22.50	STD	20.00	
20”	20.00	C900/C905 21.60	C, D	150 - 200	22.06	150	23.28	23.54			
24”	24.00	C900/C905 25.80	A, B	50 - 100	25.80	100	26.48	27.17	STD	24.00	
			C, D	150 - 250	26.32	150	27.96	28.22			
30”	30.00	C900/C905 32.00	A, B	50 - 100	32.00				STD	30.00	
			C, D	150 - 250	32.74						
36”	36.00	C900/C905 38.30	B	50 - 350	38.30				STD	36.00	

Note: Outside diameters and specifications vary. Above dimensions are approximate
Determine pipe O.D. before ordering

Curb Stops

Ball Valves - Regular & Minneapolis Pattern | Stop & Drain Ball Valves | Inverted Plug Valves - Regular Pattern Tapered Plug | Port Angle Curb Valves

Inverted Plug Design



Inverted Plug style valves have the large diameter of the plug at the bottom of the valve. The plug is held in position by the bottom cap which also contains a treated leather gasket. A spline is cast into the Inlet side of the valve body to allow water at the main pressure to go under the plug, exerting an upward pressure on the plug which reseats it after cycling.

To cycle the valve, hit down on the top of the plug or rod. This forces the plug down slightly, breaking the plug away from the body taper, thus lowering the turning torque momentarily (the leather gasket in the bottom cap absorbs the blow). Water pressure from the main then reseats the plug. The valve must be placed on a brick or other solid foundation to properly support valve when it is hit to lower turning torque.

All styles of end connections are available as well as Minneapolis Pattern Curb Box Threads.

- Available with FNPT threads, flare or Compression ends
- All inverted plug curb stops have an arrow cast into body indicating proper direction of flow
- 5/8" curb stops have 3/4" end connections

MAXIMUM PRESSURE RATING of Inverted Plug Style Curb Stops	SIZE
100 PSIG Water	1/2" - 1"
80 PSIG Water	1 1/4" - 2"

Minneapolis Pattern



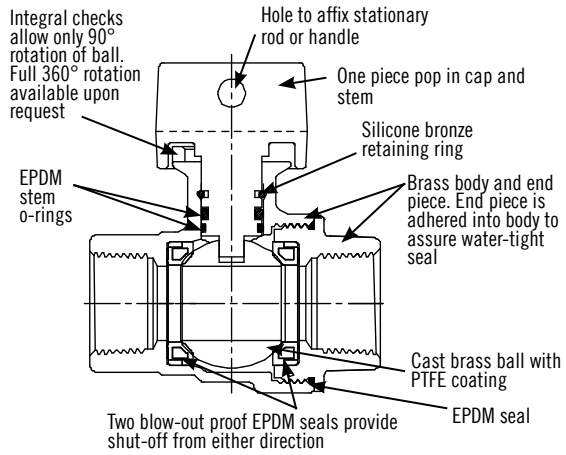
Minneapolis Pattern Curb Stops have male threads on top that screw onto the female threads machined into the bottom of Minneapolis Pattern Curb Boxes. Threading the Curb Stop in the Curb Box gives a unified valve/box assembly that assures their alignment. The charts below identify size of threads in base casting of Curb Boxes and at top of Curb Stops.

MINNEAPOLIS INVERTED PLUG TYPE CURB STOPS		
Curb Box Base Tapped	1 1/2"	2"
Inverted Plug Valve Size	3/4"	1"

MINNEAPOLIS BALL VALVE CURB STOPS		
Curb Box Base Tapped	1 1/2"	2"
Ball Valve Size	3/4", 1" or 1 1/4" x 1 x 1 1/4"	1 1/2", 2" or 1 1/4" x 1 1/2" x 1 1/4"



Ball Valve Design



- Available with FNPT, MNPT threads, flare or Compression ends
- Ball style curb stops are non-directional

A.Y. McDonald's Ball Valve Curb Stops maintain their low turning torques and bubble-tight 300 PSIG water pressure rating due to the PTFE coated brass ball that is supported by two EPDM seals. McDonald Ball Curb Stops offer positive shut-off from either direction.

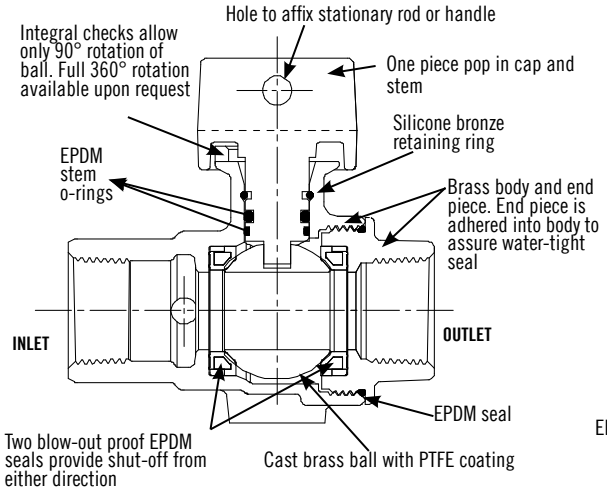
McDonald Ball Curb Stops are available with a wide variety of end connections and also with Minneapolis Curb Box Threads.

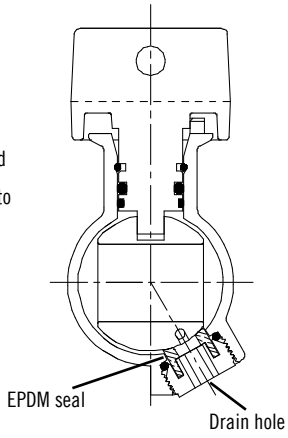
Stainless steel, brass and fixed brass handles available.

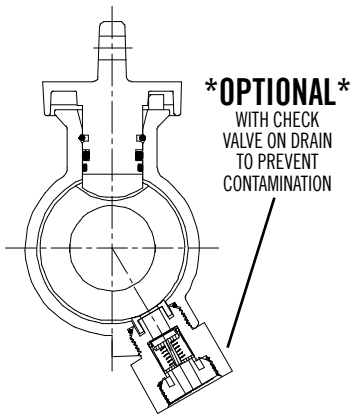
A brass 2" square operating head that is easily pinned to existing curb stops is available separately.

MAXIMUM PRESSURE RATING
of Ball Style Curb Stops
300 PSIG Water

Stop and Drain Ball Valve Design







A.Y. McDonald's Stop and Drain Ball Valve Curb Stops maintain their low turning torques and bubble-tight 150 PSIG water pressure rating due to the PTFE coated brass ball that is supported by two EPDM seals. A.Y. McDonald Stop and Drain Ball Curb Stops offer positive shut-off from inlet direction only.

A.Y. McDonald Ball Stop and Drain Curb Stops are available with a wide variety of end connections and also with Minneapolis Curb Box Threads.

Stainless steel, brass and fixed brass handles available.

A brass 2" square operating head that is easily pinned to existing curb stops is available separately.

Available with FNPT, MNPT threads, flare or Compression ends

MAXIMUM PRESSURE RATING
of Stop & Drain Style Ball Valves
150 PSIG Water



Lockwings
are available on many A.Y. McDonald Curb Stops. Look for the "W" in the model number on the following pages. Example: 76100W



Flathead
Curb stops with a flathead are without lockwings.

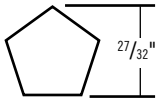
Materials meet or exceed A.W.W.A. standard C-800

Curb Boxes

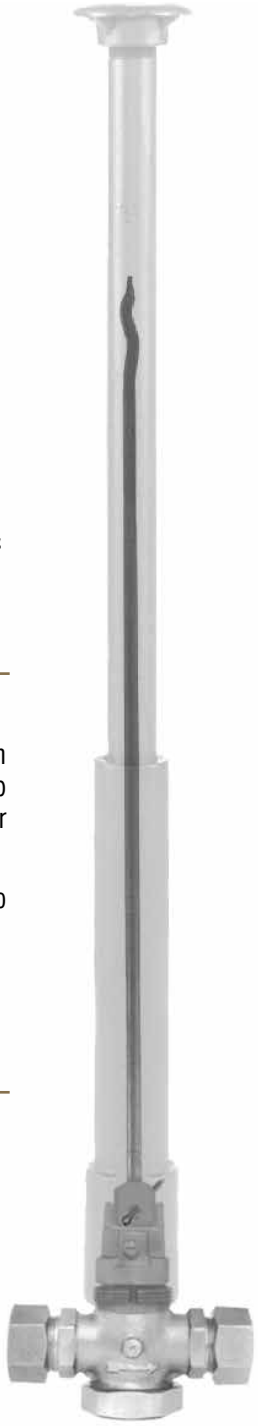
Arch & Minneapolis Pattern | Lids & Rods

We recommend that the length of curb box used for a specific bury be six inches longer than final grade. *Example:* If final grade is five foot, we recommend a 5 1/2" foot maximum extended length curb box. This will allow 6" for grade change in either direction.

- Steel upper sections telescope up and down within the base casting by 12".
- Available lengths shown are listed at maximum extension.
- When curb box is supplied with stationary shut-off rods, the rods are 18" shorter than the Curb Box, at its maximum extension.
- Base sections and lids are made of cast gray iron.
- All pentagon plugs have a 27/32" point to flat size.

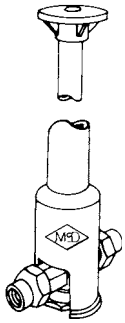


- Upper sections are held in the desired position by a strong clip ring located inside the top of the base casting.
- A swedged lug at bottom of upper section fits into a cast slot in the base casting to prevent upper section from turning when removing lid or pentagon plug.
- Curb Boxes and Accessories are black dip coated inside and out.
- Curb Boxes are shipped in the retracted position.



Our curb boxes are manufactured in USA with components from Canada. (MODEL 5601, 5607, 5614, 5615, 5622 & 5623) are also available with components made only in the USA. (Add "A" to model number, i.e. 5601A)

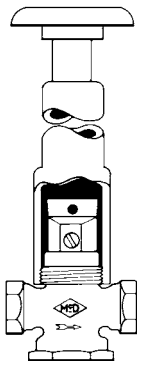
Arch Base Curb Boxes



The "Arch" or "Y" base casting covers the Curb Stop without being mechanically connected. When required, a stationary shut-off rod is attached (via cotter pin) to the tee head of the Curb Stop and remains in place inside the Curb Box. The top of the shut-off rod is formed in such a manner that it centers the top of the rod inside the upper section of the 1" Curb Box.

Stationary shut-off rods are furnished with Curb Boxes having 1" upper sections and are also available separately.

Minneapolis Base Curb Boxes



Minneapolis Pattern Curb Boxes have female threads machined into the bottom of the base casting that screw onto the male threads on top of all Minneapolis pattern Curb Stops. Threading the Curb Stop into the Curb Box gives a unified valve/box assembly. This arrangement ensures alignment between the two service line components.

Shut-off rod information noted above is also true when used with Minneapolis Pattern Curb Boxes with 1" upper section.

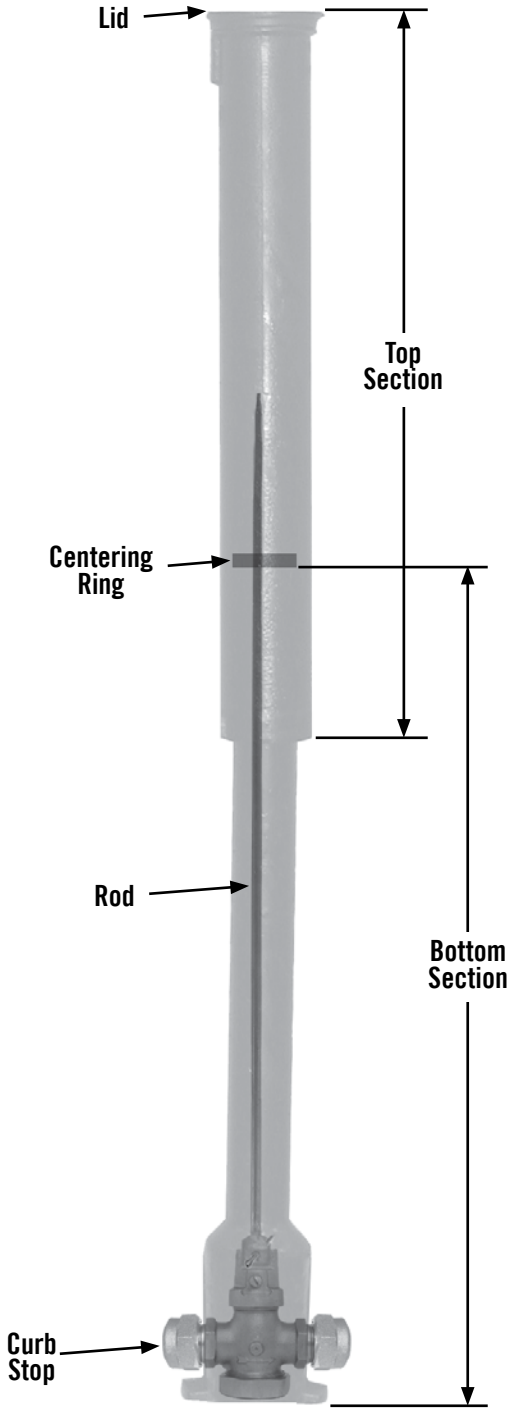
The charts below identify size of threads in base casting A.Y. McDonald Curb Boxes and Curb Stops.

Ball Style Minneapolis Valve Curb Stops		
Curb Box Base Tapped	1 1/2"	2"
A.Y. McDonald Ball Valve Size	3/4", 1", or 1 1/4" x 1" x 1 1/4"	1 1/4", 1 1/2", 2", or 1 1/4" x 1 1/2" x 1 1/4"

Inverted Plug Type Minneapolis Curb Stops		
Curb Box Base Tapped	1 1/2"	2"
A.Y. McDonald Inverted Plug Valve Size	3/4"	1"

A.Y. McDonald Mfg. Co. offers high quality cast iron service boxes with a wide range of options. Service boxes can be adjusted to the full range called out in the model number. The 2 1/2" service box is designed for use with 3/4" through 1 1/4" curb stops, as well as up to 2" curb stops with the use of the enlarged base. Boxes do not include rod or centering ring (ordered separately).

- Extension lengths are listed with other model information.
- Available with water, sewer, and gas lids
- Quality cast gray iron construction ASTM A48, Class 25
- Arch-style base
- Brass pentagon bolt locking lid
- May be ordered as assembly or Components



Screw Style - Model 5700

Screw Style Service Boxes (Buffalo Style) are designed with threaded or screw style castings. Top section "threads" over bottom section and adjusts to desired height. Top section includes water lid as standard. Centering ring, rods, and other lids are optional. Standard base will cover A.Y. McDonald Curb Stops to 1 1/4" size.

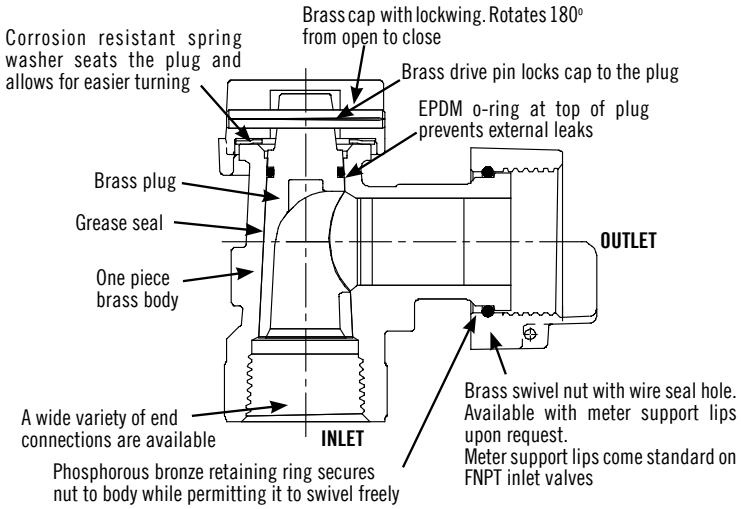


5700LG 5700LS 5700L

Meter Couplings - Straight & 90º Angle | Angle Valves - Plug, Ball, & Standard Port | Flanges | Straight Valves | U-Branches & Assemblies

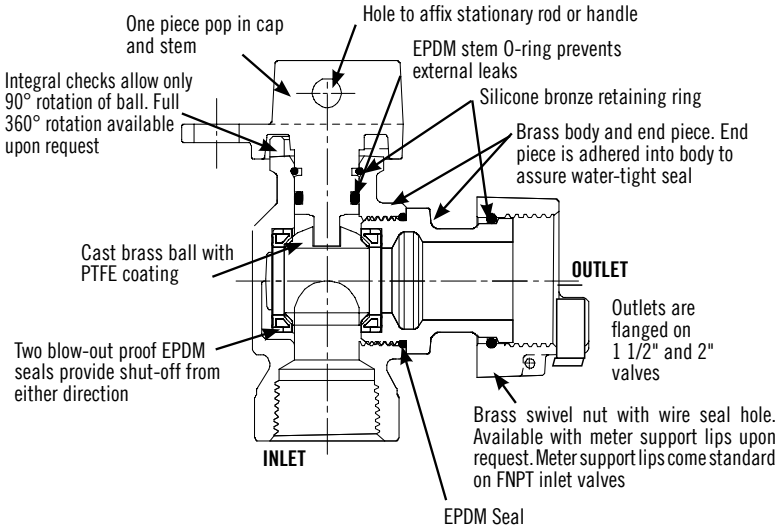
Plug Angle Valve

Maximum Pressure Rating = 100 PSIG Water



Ball Angle Valve

Maximum Pressure Rating = 300 PSIG Water



Available with FNPT threads, Flare or Compression inlets

All McDonald Valves are inspected repeatedly during the manufacturing process, then each valve is pressure-tested air under water.

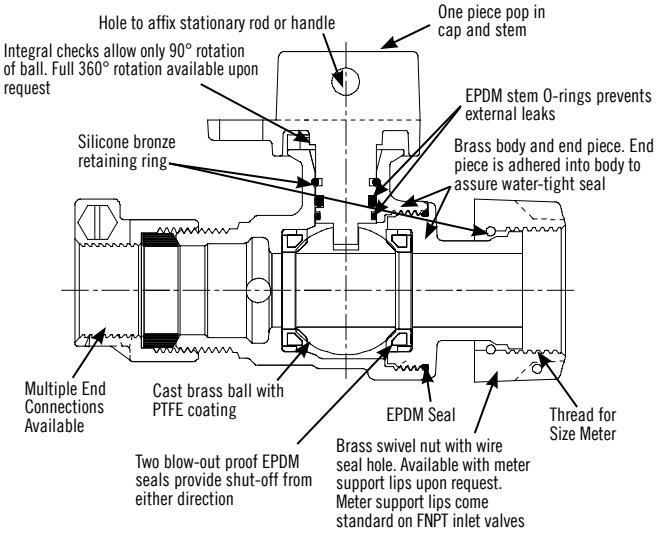
Meter Size	5/8"	3/4" Short Meter, 5/8" x 3/4"	3/4"	3/4" x 1"	1"	1 1/2"	2"
A-Meter Threads	3/4"	1"	1"	1 1/4"	1 1/4"	Oval Flange	Oval Flange
B-Lay Length	7 1/2"	7 1/2"	9"	9"	10 3/4"	13"	17"
A.Y. McDonald Spacing*	7 13/16"	7 13/16"	9 5/16"	9 5/16"	11 3/32"	13 1/4"	17 1/4"

*Allows for meter and two gaskets.

Codes and Descriptions of Tubing and Pipe which are used with A.Y. McDonald Compression Couplings

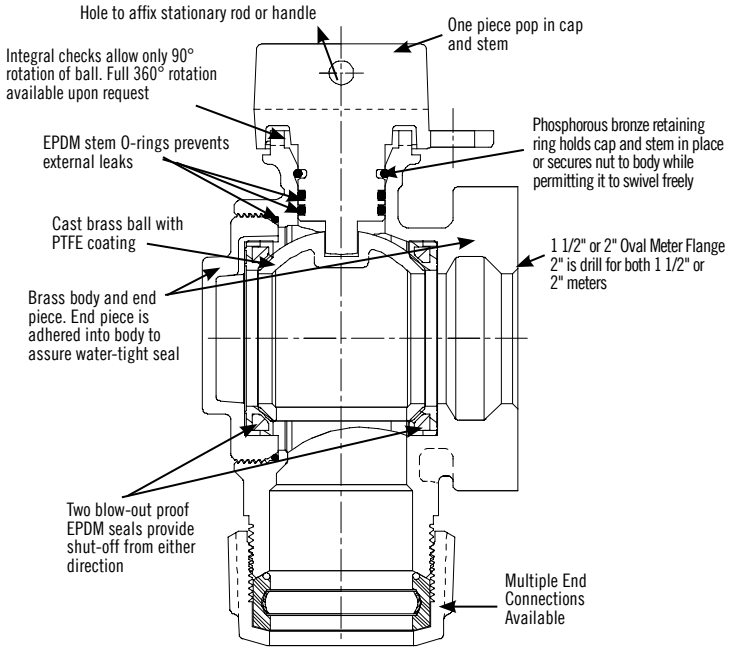
Inline Meter Ball Valve

Maximum Pressure Rating = 300 PSIG Water



1 1/2" & 2" Ball Valve

Maximum Pressure Rating = 300 PSIG Water





Copper Tube - the outside diameter is closely controlled by the manufacturer per ASTM specifications.

Polyethylene (PE) or Polybutylene Tube (PB) – CTS (Copper Tube Size) – ASTM D2737 SDR 9 or ASTM D2666 SDR 9 – flexible plastic tubing has the same outside diameter as corresponding sizes of copper tube and requires an insert stiffener to support the inside diameter of the tube.

McDonald Mac-Pak (-22 Series), Tube (T Series), McQuik (Q Series), McGrip (G Series) and Handy-Loc (H Series) Compression assemblies are all designed to fit copper tube or copper tube size polyethylene or polybutylene. These compression nuts are individually marked with their size and CTS.

Polyethylene (PEP) or Polybutylene Pipe (PBP) – ASTM D2239 SIDR7 & 9 or ASTM D2662 SIDR7 – flexible plastic pipe inside diameter controlled. Requires an insert stiffener to support the inside diameter of the tube.

McDonald Mac-Pak (-33 & -34 Series), McQuik (-3Q Series), McGrip (-3G Series) and Handy-Loc (-3H Series) Compression assemblies are designed to fit polyethylene or polybutylene pipe. These compression nuts are marked with size and **PEP, PEP-7 or PEP-9**.

Polyvinyl Chloride – PVC – rigid plastic pipe that has the same outside diameter as corresponding sizes of standard iron pipe.

McDonald Mac-Pak (-44 Series) Compression assemblies are designed to fit polyvinyl chloride. These compression nuts are marked with **sizes and PVC**.

Iron Pipe – IP – rigid iron pipe in which the outside diameter is closely controlled by the manufacturer per ASTM specifications (can also be galvanized).

McDonald Mac-Pak (-55 Series) Compression assemblies are designed to fit iron pipe. These compression nuts are marked with size and **IP**.

C903 – Polyethylene-Aluminum-Polyethylene - (PE-AL-PE) - flexible composite pipe that is manufactured and third party certified to ASTM F-1282. This compression assembly can be made from any existing 3/4" or 1" "Q" Series and is designated by replacing the "Q" in the model number with a "K".

McDonald C903 (K Series) compression nuts are designed to fit C903 pipe and are marked with **size and C903**.

MNPT - Male National Pipe Thread
FNPT - Female National Pipe Thread
FNPSMT - Female National Pipe Straight Meter Thread
MNPSMT - Male National Pipe Straight Meter Thread

Series 701, 702, 711, 712, 7111, & 7112 | Inline & Angle Single Check Valves | Inline Dual Check Valves
Angle & Flanged Dual Check Valves | Inline Accessible Dual Check Valves

- Each valve pressure tested prior to shipment.
- Pressure rated at 175 PSIG.
- Temperature range 34ºF to 180ºF.
- Union or cap of check valve sealed with o-ring and allows easy access to check for inspection, maintenance or replacement and not dependent on cartridge.
- Cast brass Components AWWA C-800 current revision.
- Check is precision molded of plastic with stainless steel spring.
- Check is designed to hold 1 PSIG in the direction of flow.
- Can be installed in either the horizontal or vertical position.
- Can be field tested.
- Available with a wide variety of threaded or Compression outlet connections.
- Check assembly remains together when removed from body (no loose pieces).

NOTE: Change "J" in model number to "H" for meter swivel nut with meter support lip.



NOTE: Add “W” in place of “-” for pentagon test plug in cap i.e. 7112-3YE33 = 7112W3YE33.

*Insert stiffeners are **required** on all flexible plastic connections.



701 Inline Single Check Valves



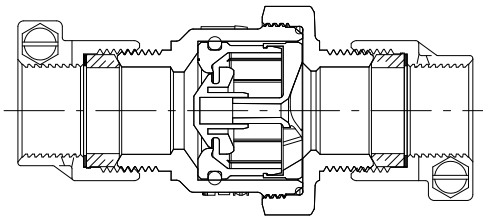
For additional end connection options, see page 14.

A.Y. McDonald’s unique Inline Single Check Backflow Valves have a wide variety of inlet / outlet configurations.

Backflow prevention will stop the house water from flowing into a meter pit or on the floor while removing the meter for service.

Features

- Available with a wide variety of threaded or Compression outlet connections.
- **See UFR section for 7201 series with UFR.**

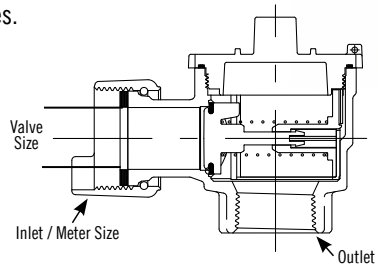


702 Angle Single Check Valves



A.Y. McDonald's unique Angle Single Check Backflow Valves have meter swivel nut inlets and a wide variety of outlet configurations. Angle single checks can be ordered on our copper meter setters, resetters, insetters, and iron yokes, or they can be used independently.

Our top cap and unique perpendicular check module design ensures convenient access for inspections, maintenance or replacements without removing the valve from the line. It also allows for a lower profile than traditional top entry check. Backflow prevention will stop the house water from flowing into a meter pit or on the floor while removing the meter for service. This check design has less flow restriction than standard check valves.



Features

- Angle check valve cap available with Pentagon Test Plug.
- Available with a wide variety of threaded or Compression outlet connections.
- **See UFR section for 7202 series with UFR.**

711 Inline Dual Check Valves



A.Y. McDonald Inline Dual Check Valves protect the public water supply by preventing the reverse flow of water from the building back into the water main. The Series 711 dual check valve is available with a wide variety of end connections to connect directly to water meters or other types of piping.

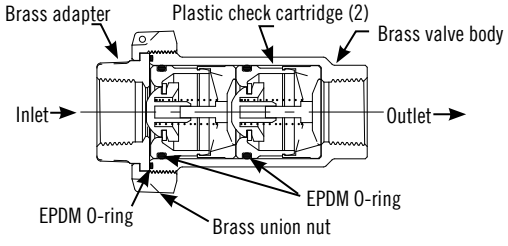
Features

- Available with a wide variety of threaded or Compression connections.
- Dual checks work independently of each other.
- Valve will operate with either check removed.
- Designed Tested to ANSI/ASSE 1024 and CSA B64.6 requirements.
- **See UFR section for 7211 series with UFR.**

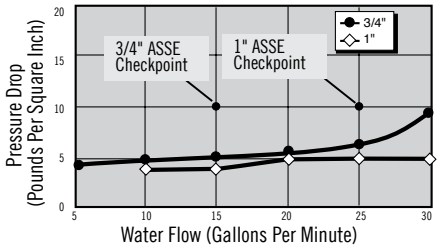
Components and Repair Parts

Most check valves are made to order, please allow two weeks for delivery.

Inline



For repair kit, order 11-3RK. Kit includes cap o-ring and two cartridges with o-rings.



712 Angle Dual Check Valves



A.Y. McDonald's unique Angle Dual Check Backflow Valves have meter swivel nut inlet and a wide variety of outlet configurations. Angle dual checks can be ordered on our copper meter setters, resetters, insetters and iron yokes or they can be used independently.

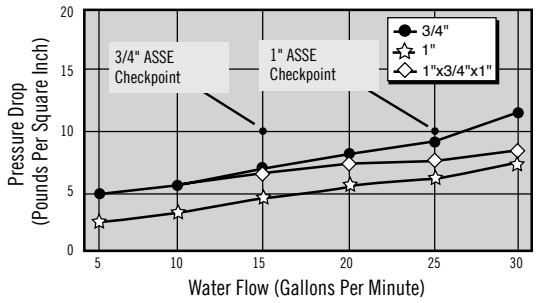
Our top cap and unique perpendicular check module design ensures convenient access to both checks for inspections, maintenance or replacements without removing the valve from the line. It also allows for a lower profile than traditional top entry dual checks. Backflow of water is still deterred if either of the checks are removed or inoperable. This check design has less flow restriction than standard check valves.

Features

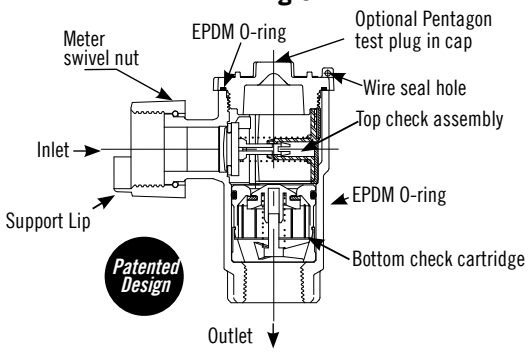
- Angle check valve available with Pentagon Test Plug in cap.
- Available with a wide variety of threaded or Compression connections.
- Dual checks work independently of each other.
- Valve will operate with either check removed.
- Design Tested to ANSI/ASSE 1024 and CSA B64.6 requirements.

Components and Repair Parts

Most check valves are made to order, please allow two weeks for delivery.

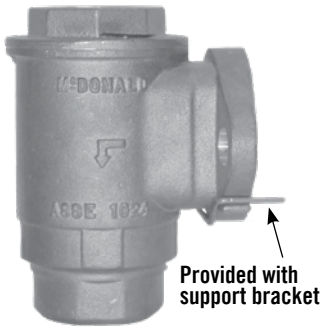


Angle



For repair kit, order 12-3RK. Kit includes top check, bottom check with o-ring and cap o-ring.

712 Flanged Angle Dual Check Valves

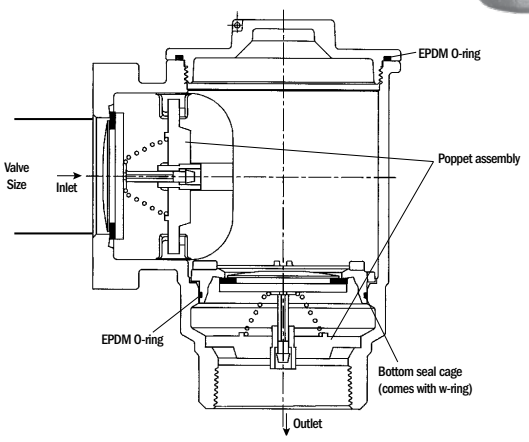


A.Y. McDonald's unique Angle Dual Check Backflow Valves have meter oval flange inlet and FNPT outlet configurations. Angle dual checks can be ordered on our copper meter setters, resetters, insetters and iron yokes or they can be used independently.

Our top cap and unique perpendicular check module design ensures convenient access to both checks for inspections, maintenance, or replacements without removing the valve from the line. It also allows for a lower profile than traditional top entry dual checks. Backflow of water is still deterred if either of the checks are removed or inoperable.

Features

- Angle check valve available with FNPT tap.
- Dual checks work independently of each other.
- Valve will operate with either check removed.
- Top cap is available with 1", 1 1/2", or 2" FNPT taps.
- Design Tested to ANSI/ASSE 1024 and CSA B64.6 requirements.



7111 Inline Accessible Dual Check Valves



A.Y. McDonald's unique Inline Accessible Dual Check Backflow Valves have meter swivel nut inlets and a wide variety of outlet configurations.

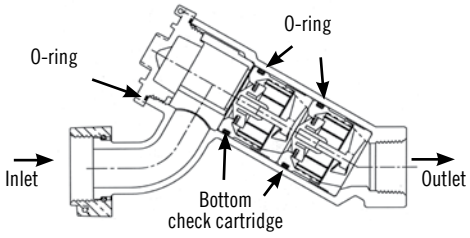
Our top cap and unique check module design ensures convenient access to both checks for inspections, maintenance or replacements without removing the valve from the line. Backflow of water is still deterred if either of the checks are removed or inoperable.

Features

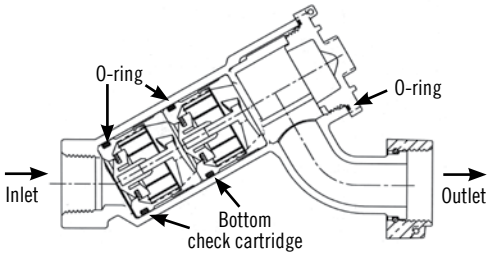
- Available with a wide variety of threaded or Compression connections.
- Dual checks work independently of each other.
- Valve will operate with either check removed.
- Design Tested to ANSI/ASSE 1024 and CSA B64.6 requirements.
- **See UFR section for 7214 series with UFR.**

Components and Repair Parts

Standard Flow Direction



Reverse Flow Direction



7112 Inline Dual Check Valves



A.Y. McDonald's unique Angle Dual Check Backflow Valves have meter swivel nut inlet and a wide variety of outlet configurations. Angle dual checks can be ordered on our copper meter setters, resetters, insetters, and iron yokes, or they can be used independently. This check design has less flow restriction than standard check valves.

Our top cap and unique check module design ensures convenient access to both checks for inspections, maintenance or replacements without removing the valve from the line. Backflow of water is still deterred if either of the checks are removed or inoperable.

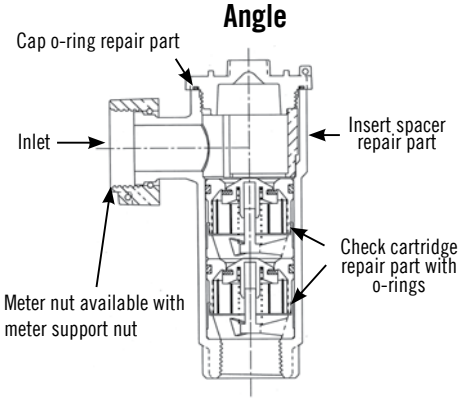
Features

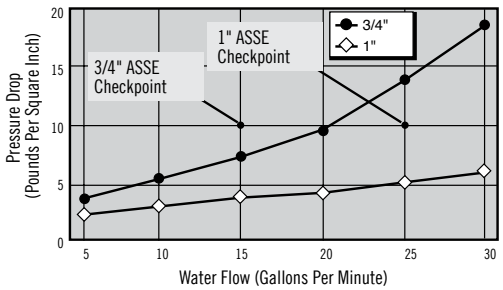
- Available with a wide variety of threaded or Compression connections.
- Dual checks work independently of each other.
- Valve will operate with either check removed.
- Design Tested to ANSI/ASSE 1024 and CSA B64.6 requirements.
- **See UFR section for 7212 series with UFR.**

Components and Repair Parts

Most check valves are made to order, please allow two weeks for delivery.

Angle





Series 7201 / 7201C, 7202, 7211 / 7212, 7214, & 714U | Meter Setters & Resetters | City of Dubuque

THE PROBLEM: NON-REVENUE WATER

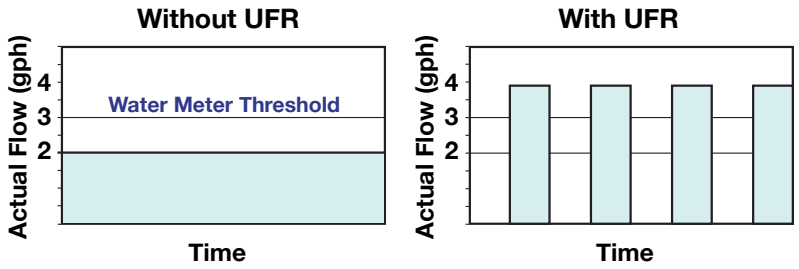
Every water system has to cope with non-revenue water. Main leaks, theft, tank overflows and unmeasured flow through water meters all contribute to a system's non-revenue water problem. According to the American Water Works Association (AWWA), 14% of indoor household usage in North America can be attributed to leaks. As residential water meters aren't designed to register low-flows such as leaks and drips, much of this usage goes un-metered and un-billed. This type of non-revenue water is called "apparent loss" and is valued at the retail water rate. For systems in which waste water is also billed based on water consumption, this apparent loss is valued at the retail rate for water and waste water combined. Apparent losses through residential water meters can add up to millions of dollars annually in non-revenue water and sewer.

THE SOLUTION - THE UNMEASURED-FLOW REDUCER (UFR):

The UFR captures this low-flow water and forces it through the meter in a way that causes nearly every drop to be registered. Apparent losses are reduced and customers are held accountable for their actual usage.

HOW THE UFR WORKS

The UFR works by changing the way water flows through the meter at low flow rates. At low flow rates there is not enough energy in the flow to activate the water meter. With the UFR installed, the low linear flows are divided into batches that are forced through the meter at a higher flow rate (see chart below). These higher flows can now be registered by the water meter, reducing apparent losses and increasing revenue.



At standard household flow rates, the UFR is fully open, allowing water to flow normally with minimal head loss. As flow is reduced, the UFR returns to its operation of batching the water flow.

THE RESULTS

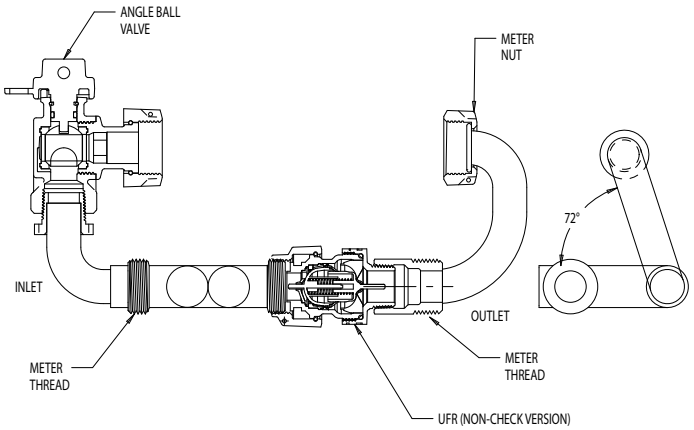
UFR installations can increase metered residential water and sewer revenue by as much as five to ten percent. Customers are held accountable for their actual usage and the system's apparent losses are reduced considerably. Customers that are held accountable for their usage are more likely to fix leaks and conserve our most precious resource, clean water.

U.F.R. technology provided by A.R.I.

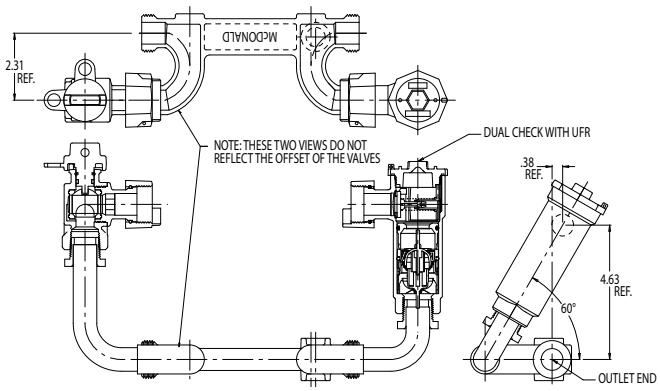
Flow Control Accessories LTD - Patent Pending

THERMAL EXPANSION WARNING - Creating a "closed" condition in a hot water system with the installation of a non-return barrier (such as a Check Valve or Backflow Preventer between the system piping and the public supply) can result in extreme pressure rises caused by thermal expansion and/or water hammer. This thermal expansion can damage piping, valves, and other Components in the system. The installation of a pressure relief device or thermal expansion tank can avoid possible damages.

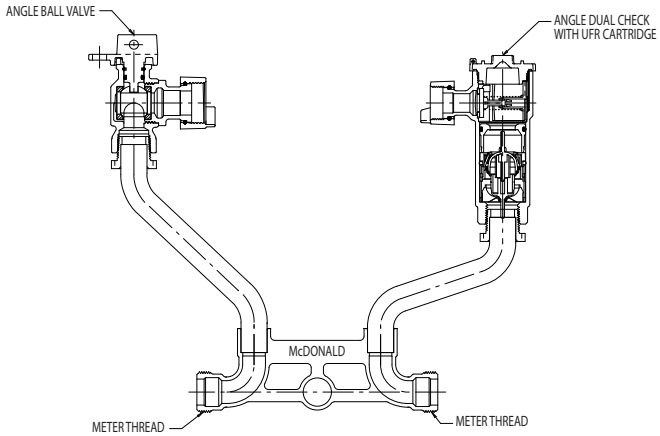
The UFR can be conveniently added to most A.Y. McDonald meter setters and resetters. Please contact the factory for pricing and availability.



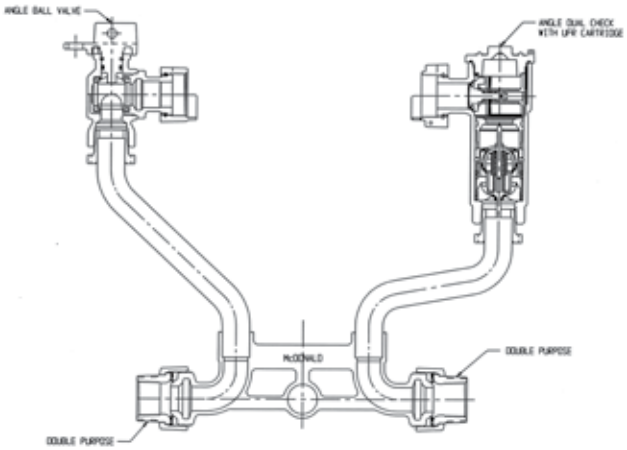
710 Series Meter Resetter



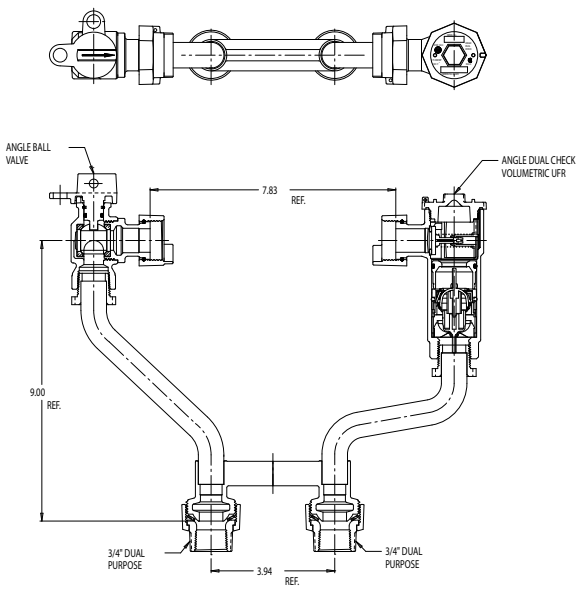
717 Series Meter Resetter



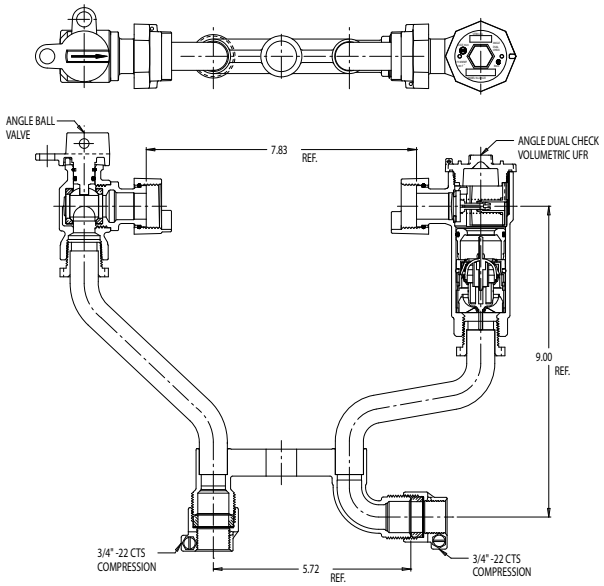
718 Series Meter Resetter



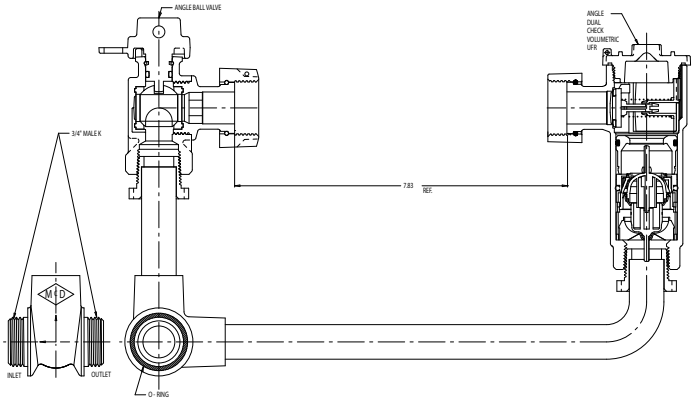
720 Series Meter Setter



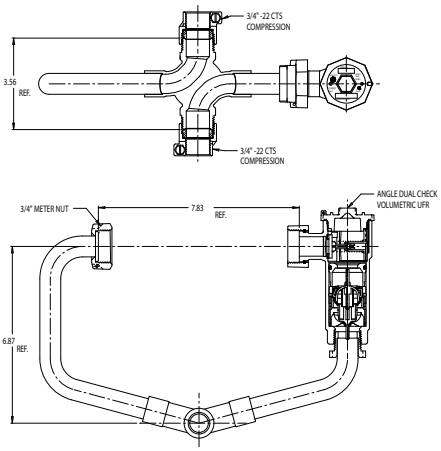
730 Series Meter Setter



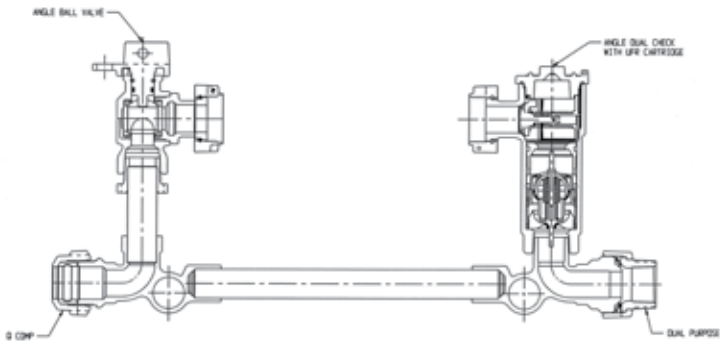
739 Series Meter Setter



741 Series Meter Setter



739 Series Meter Setter



770 Series Meter Setter

City of Dubuque - Contribution of UFR to "Smart Metering" Leak Detection System

Project Background:
In January of 2010, the City of Dubuque, Iowa began a change-out of its 22,500 existing water meters to new positive displacement (PD) meters. The project included an upgrade to a fixed base radio read network and implementation of over 18,000 Unmeasured-Flow Reducers (UFRs) by A.Y. McDonald Manufacturing Company. As part of the City's "Smarter Sustainable Dubuque" project, the intent was to be able to accurately measure consumption and notify residents of potential leaks in their homes, allowing them to consider corrective measures which translate into "smarter" water use.



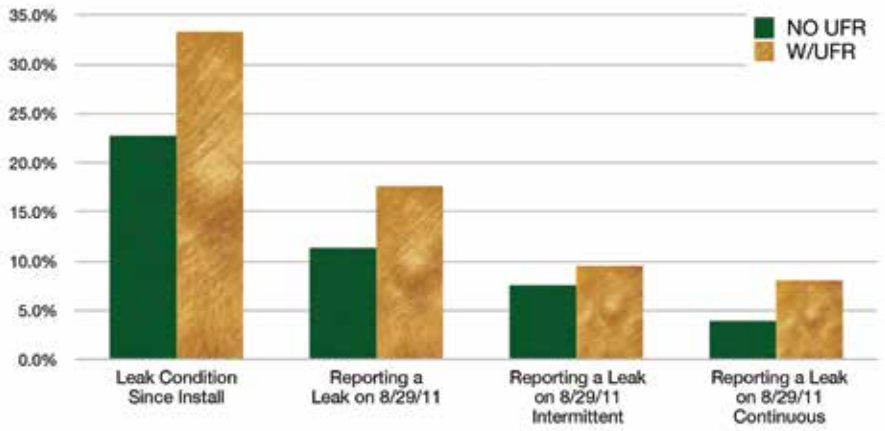
Installation:
With the project complete, the City of Dubuque has installed 21,966 3/4" or smaller water meters. Of those, 18,699 were installed with a UFR meter coupling or with the UFR in a 10 series resetter. 3,267 services received no UFR due to PRV's or RPZ's located directly after the meter. The new PD meters, installed in the basement, utilize a digital data-logging register that transmits a signal to a meter interface unit (MIU) placed on the outside of the home.

Leak Detection Technology:
The register logs 96 data points every 24 hours (15 minute read intervals) and transmits that information to an MIU which then uploads the information via the fixed base radio network to the City's server once every 24 hours. The registers are equipped with a leak indicator that registers a leak based on the following criteria. If 56 to 95 of the 96 data points show usage, the system considers the home to have an intermittent leak. If all 96 of the data points show usage, the system considers the home to have a continuous leak.

The UFR Factor:
Even when installed in conjunction with one of the most accurate water meters available today, the UFR's contribution to the accuracy of the newly installed meters and the above mentioned leak detection system is dramatic:

Of the 3,267 new meters installed without UFR's:
- 22.7% have registered a leak condition since install
- 11.4% were reporting a leak condition on 8/29/11
  - 7.5% intermittent
  - 3.9% continuous

Of the 18,699 new meters installed with UFR's:
- 33.3% have registered a leak condition since install
- 17.7% were reporting a leak condition on 8/29/11
  - 9.6% intermittent
  - 8.1% continuous



Conclusion:
The UFR's contribution to the ability of the system to detect, report and measure leakage is as follows:
- On services with UFR's, an additional 10.6% of the meters have registered a leak condition since install.
- On services with UFR's, an additional 6.3% of the meters were reporting a leak condition on 8/29/11.

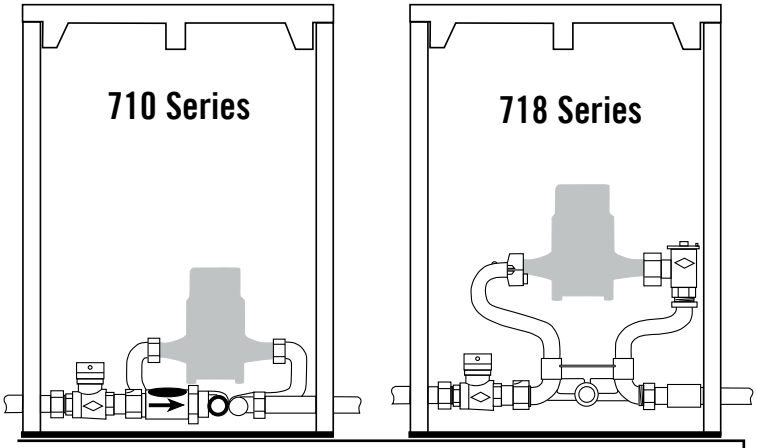
For more information about the UFR: www.ayufr.com
For more information about the City of Dubuque's meter change-out project: www.cityofdubuque.org and search "UFR".

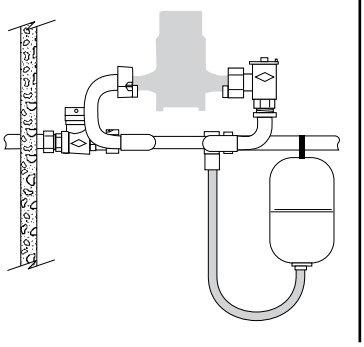
5/8", 5/8" x 3/4", 3/4", 1", 1 1/2", & 2" | Horizontal and Vertical Inlet / Outlet
Series 710, 717, 718, 719, 768, 758, 718

A.Y. McDonald Mfg. Co. Resetters offer a wide variety of options for resetting your current water meter to various heights and locations. Resetters are used where the meter is already installed and the service lines are in place, but the meter needs to be relocated above or next to the current line. A.Y. McDonald Mfg. Co. resetters provide you with an array of variations that will see you through any relocation project.

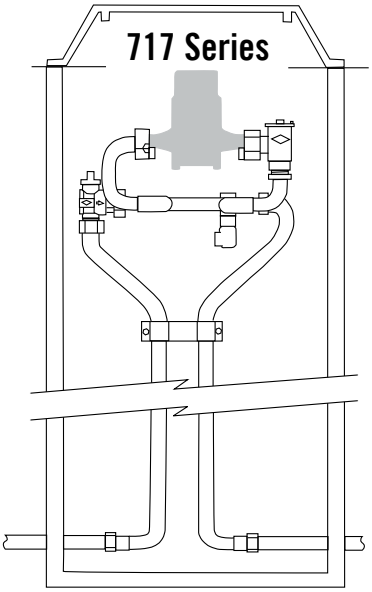
Common resetter installations are shown below. You can customize your resetter solution on the pages within, or contact our factory professionals to help you through.

- Brass materials meet or exceed AWWA C-800 (latest revision)
- Copper tubing has a 13/16" O.D. for 5/8", 5/8" x 3/4" or 3/4" meter resetters, 1 1/8" O.D. for 1" meter resetters, 1 5/8" for 1 1/2" meter resetters and 2 1/8" for 2" meter resetters.
- Solder is no-lead.
- EPDM rubber gaskets are furnished as standard. Contact factory for fiber or leather gaskets.
- All meter resetters are factory tested air under water at 85 PSIG.
- Brass support bar is standard on 18" and higher meter resetters.
- Meter resetter heights over 24" available on special order.
- All meter swivel nuts have wire seal hole.
- Lockwing ball style meter valves are standard.
- Meter swivel nuts with meter support saddle are standard, except where noted.
- All copper meter resetters can be supplied with a test valve on the outlet tubing.
- For dual check backflow valves, see single / dual check section..
- Brace eye hole accepts 1/2" iron pipe or PVC for 5/8", 5/8" x 3/4" and 3/4" meters and 1" vertical meter resetters.
- Brace eye hole accepts 3/4" iron pipe or PVC for 1", horizontal meter resetters.
- Brace eye hole accepts 1" iron pipe or PVC for 1 1/2" & 2", horizontal meter resetters.





717-204XDCA
Series 717 with Backflow Preventer and Thermal Expansion Tank (Tank must be purchased separately).



717-204XDCC
Series 717 used to retrofit existing high rise meter pit and standard meter resetter with backflow preventer and pressure relief valve.

THERMAL EXPANSION WARNING - Creating a "closed" condition in a hot water system with the installation of a non-return barrier (such as a Check Valve or Backflow Preventer between the system piping and the public supply) can result in extreme pressure rises caused by thermal expansion and/or water hammer. This thermal expansion can damage piping, valves, and other Components in the system. The installation of a pressure relief device or thermal expansion tank can avoid possible damages.

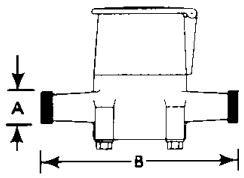
710 SERIES

The A.Y. McDonald Meter Resetter is a unique and patented product designed to easily retrofit existing meter installations to include a dual check backflow preventer, or pressure relief valve. This is accomplished without the high risk of cutting into old service lines, or the expensive process of digging up and replacing existing meter boxes or pits. This retrofitting can be easily performed in even the most confined meter boxes.



Before

NOTE: Meter box sold separately



Meter Dimensions

METER SIZE	5/8"	5/8" x 3/4"	3/4"
A-Meter Threads	3/4"	1"	1"
B-Lay Length	7 1/2"	7 1/2"	9"
A.Y. McDonald Spacing*	7 13/16"	7 13/16"	9 5/16"

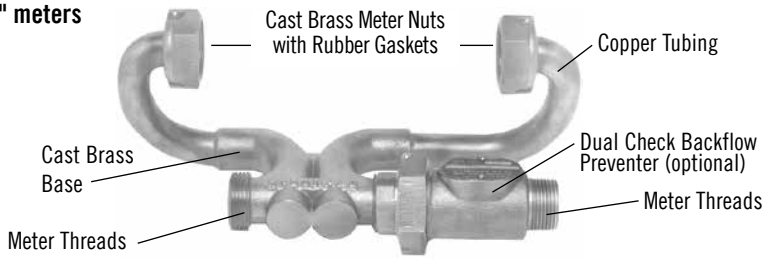


After

NOTE: Meter box sold separately

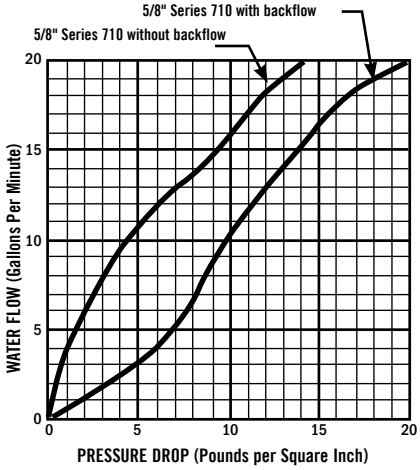
Available for 5/8", 5/8" x 3/4", or 3/4" meters

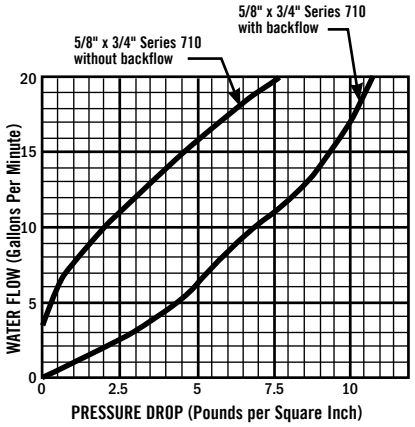
ASSE listed dual check

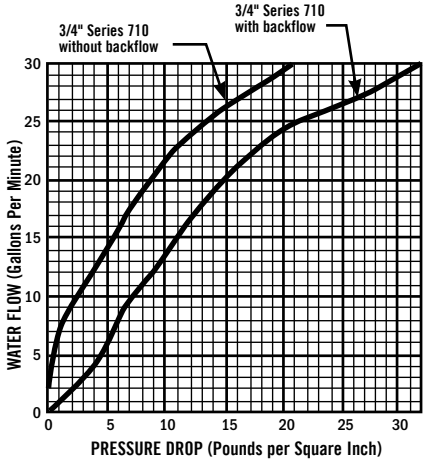


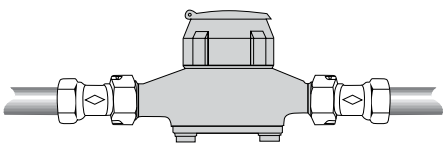
Patent No. 4,691,727

Pressure Loss Data

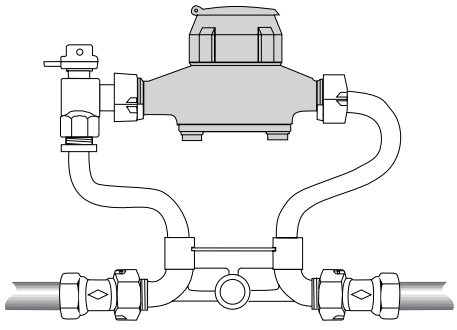








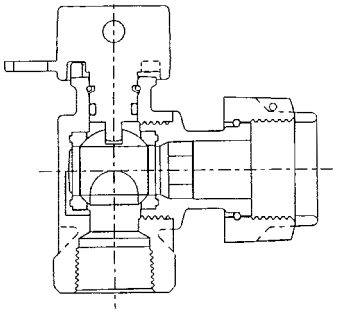
BEFORE



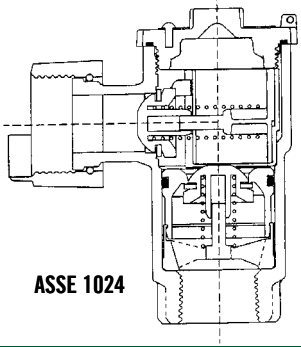
AFTER

THERMAL EXPANSION WARNING - Creating a "closed" condition in a hot water system with the installation of a non-return barrier (such as a Check Valve or Backflow Preventer between the system piping and the public supply) can result in extreme pressure rises caused by thermal expansion and/or water hammer. This thermal expansion can damage piping, valves, and other Components in the system. The installation of a pressure relief device or thermal expansion tank can avoid possible damages.

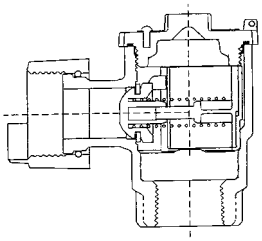
Sectional View



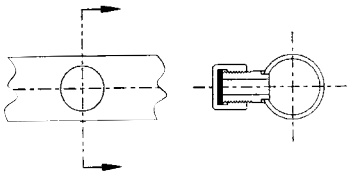
Angle Meter Valve Ball Style



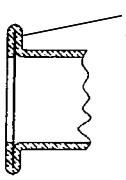
Angle Dual Poppet Check Valve



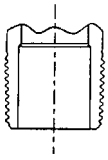
Single Poppet Check Valve



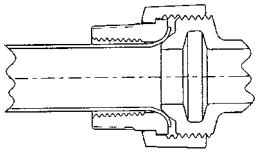
Test Valve in Tubing



Copper Tube Flange

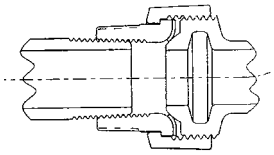


Male National Pipe Threads

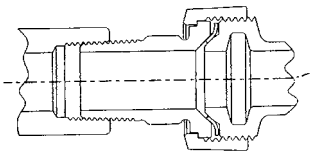


Flare

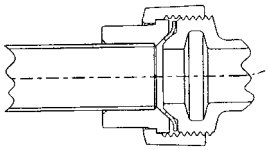
DOUBLE PURPOSE



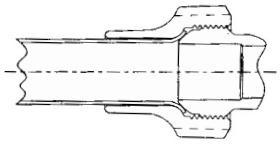
Female National Pipe Threads



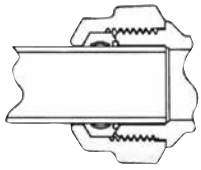
Male National Pipe Thread Union



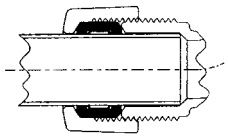
Solder Union



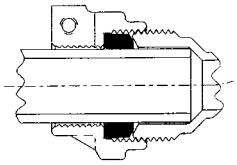
Flare



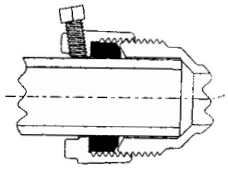
Q & 3Q Series McQuick Compression - Tighten to Stop



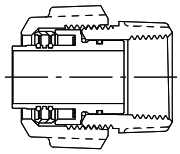
T CTS Tube Compression



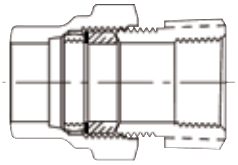
-22, -33, -44 Series Mac Pak Compression.



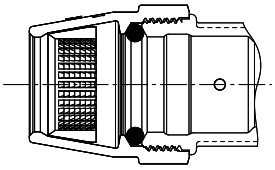
-55 Series Mac Pak Compression



"J" C903 - Tighten to Stop



"G" McGrip - Tighten to Stop



"H" Handy-Loc

5/8", 5/8" x 3/4", 3/4", 1", 1 1/2", & 2" | Horizontal and Vertical Inlet / Outlet | Tandems
Series 720, 721, 722, 723, 724, 725, 726, 727, 728, 729, 730, 731, 732, 737, 738, 739, 760-763, 764, 770

- Brass materials meet or exceed AWWA C-800 (latest revision)
- Copper tubing has a 13/16" O.D. for 5/8", 5/8" x 3/4" or 3/4" meter setters, 1 1/8" O.D. for 1" meter setters, 1 5/8" for 1 1/2" meter setters and 2 1/8" for 2" meter setters.
- Solder is no-lead.
- EPDM rubber gaskets are furnished as standard. Contact factory for fiber or leather gaskets.
- All meter setters are factory tested air under water at 85 PSIG.
- Brass support bar is standard on 18" and higher meter setters.
- Meter setter heights over 24" available on special order.
- All meter swivel nuts have wire seal hole.
- Lockwing ball style meter valves are standard.
- Meter swivel nuts with meter support saddle are standard, except on tandem style meter setters.
- All copper meter setters can be supplied with a test valve on the outlet tubing.
- For dual check backflow valves, see Dual Check Section.
- Brace eye hole accepts 1/2" iron pipe or PVC for 5/8", 5/8" x 3/4" and 3/4" meters and 1" vertical meter setters.
- Brace eye hole accepts 3/4" iron pipe for PVC for 1", horizontal meter setters.
- Brace eye hole accepts 1" iron pipe or PVC for 1 1/2" & 2", horizontal meter setters.

Multiple End Connections

Series 750, 751, 752, 753, 754, 755, 756, 757, 758, & 759



Meter Sizes:
5/8", 5/8" x 3/4", 3/4" and 1"

Heights: 07", 09", 12", 15", 18", 21", 24"
12" minimum on 1" meter
Other heights on special order

Meter Valve/Nut Options:
A = Check valve with plain meter nut (no lip) on outlet
F = Angle dual check valve with plain meter nut (no lip) on outlet (ASSE 1024)
K = Full port angle lockwing ball valve 300 PSIG
P = Full port angle dual check valve (ASSE 1024)
Q = Angle lockwing ball valve with plain meter nut (no lip)
N = Flanged tubing with plain meter nut (no lip)

Inlet/Outlet Options:
All tandem setters are available with the same bottom bar inlet/outlet options as our standard horizontal copper meter setter. See Table I.

TABLE I

		Page			Page
Series 750	See Series 720	321-322	Series 759	See Series 729	340-341
Series 751	See Series 721	324-325	Series 750R	See Series 730	342-343
Series 752	See Series 722	326-327	Series 751R	See Series 731	344-345
Series 753	See Series 723	328-329	Series 752R	See Series 732	346-347
Series 754	See Series 724	330-331	Series 759R	See Series 737	348-349
Series 755	See Series 725	332-333	Series 758R	See Series 738	350-351
Series 756	See Series 726	334-335	Series 759	See Series 739	352-353
Series 757	See Series 727	336-337	Series 760	See Series 760-763	354-355
Series 758	See Series 728	338-339	Series 764	See Series 764	356-357

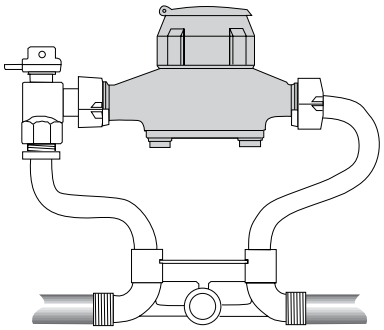
See the Meter Setters section for pages.

TABLE II

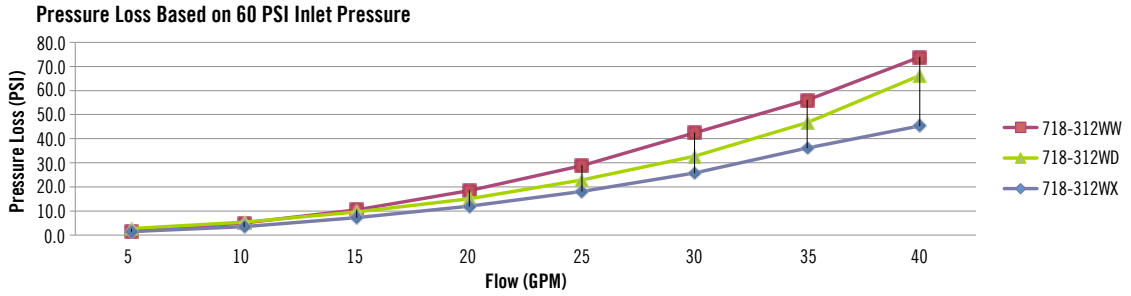
Meter Size	Device Length (FNPT x FNPT)	Minimum Recommended Inside Pit Diameter
5/8"	4" to 5"	18"
5/8" x 3/4"	4" to 5"	18"
3/4"	4" to 5"	20"
1"	5" to 6"	21"

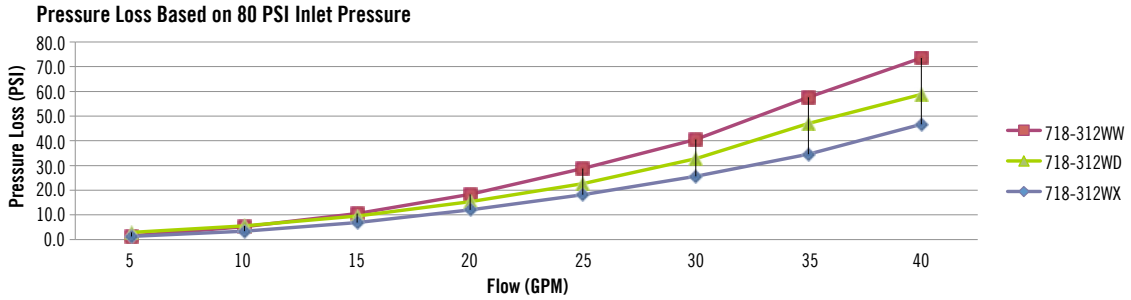
To order a 5/8" x 3/4" tandem meter setter having 3/4" double purpose ends, inlet valve only and a 7" height with 4" to 5" device length, you would order as follows: **750 -2 07 QN DD 33**

Pressure Loss through a Meter Setter

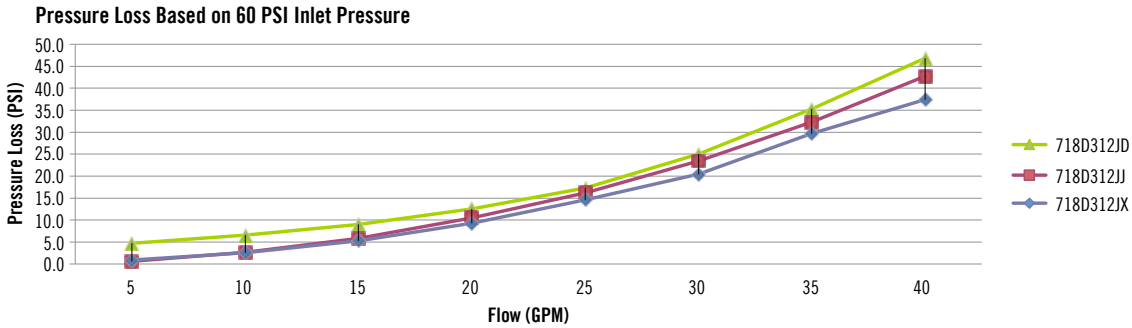


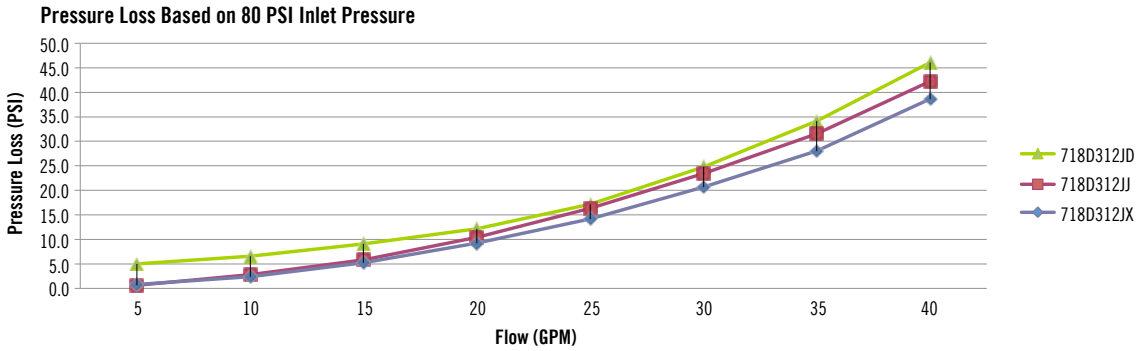
3/4" Meter Resetters with standard tube - WX = Standard Port Ball Valve x Meter Nut -
WW = Standard Port Ball Valve x Standard Port Ball Valve - WD = Standard Ball Valve x 3/4" Dual Check





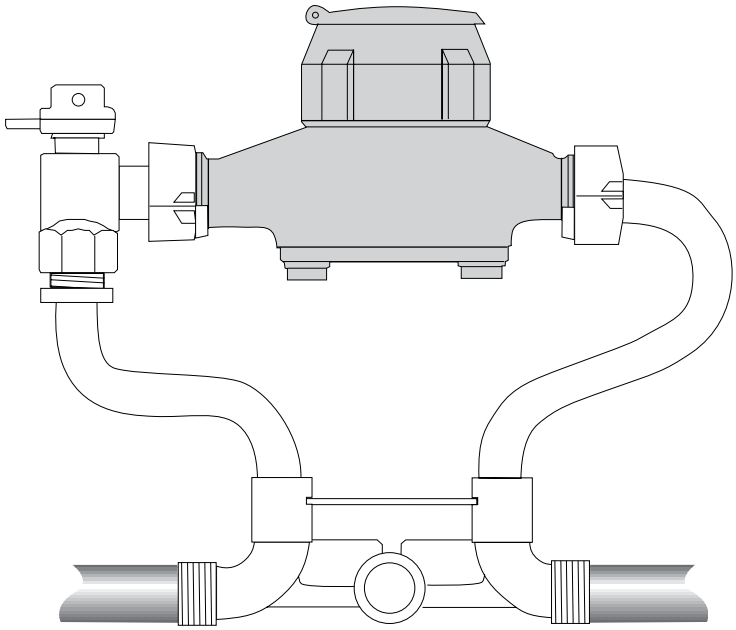
3/4" Meter Resetters with 7/8" OD tube - JX = 3/4" Port Ball Valve x Meter Nut - JJ = 3/4" Port Ball Valve x 3/4" Port Ball Valve - JD = 3/4" Port Ball Valve x 3/4" Dual Check





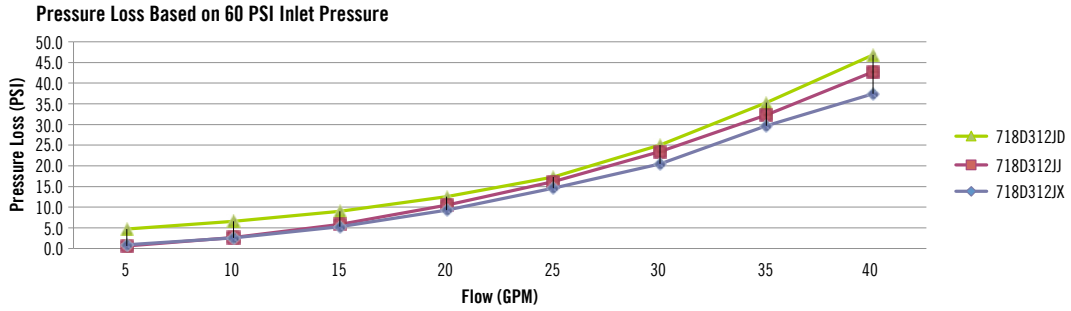
Information contained in tables below is based upon generally accepted formulas, computations, and trade practices. A.Y. McDonald and its subsidiaries and affiliates, shall not be responsible or liable therefore if any problems, difficulties, or injuries should arise from or in connection with the use or application of this information, or if there is any error herein, typographical or otherwise.

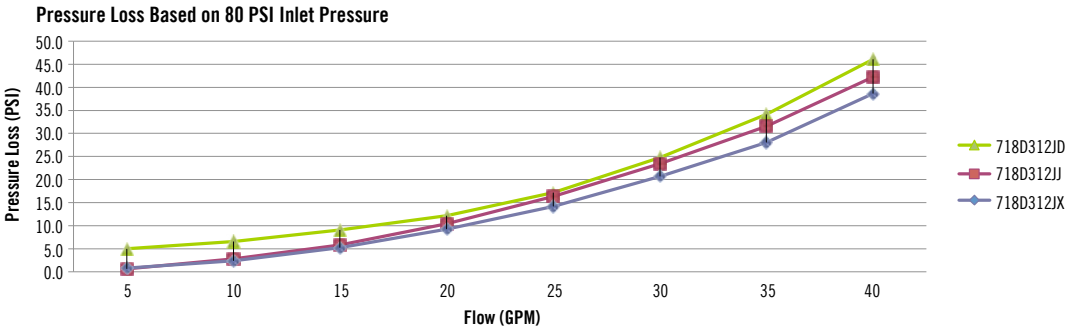
Pressure Loss through a Meter Setter



Information contained in tables below is based upon generally accepted formulas, computations, and trade practices. A.Y. McDonald and its subsidiaries and affiliates, shall not be responsible or liable therefore if any problems, difficulties, or injuries should arise from or in connection with the use or application of this information, or if there is any error herein, typographical or otherwise.

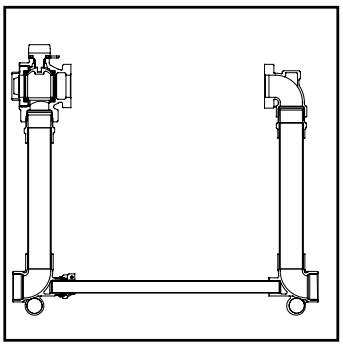
3/4" Meter Resetters with 7/8" OD tube - JX = 3/4" Port Ball Valve x Meter Nut - JJ = 3/4" Port Ball Valve x 3/4" Port Ball Valve - JD = 3/4" Port Ball Valve x 3/4" Dual Check



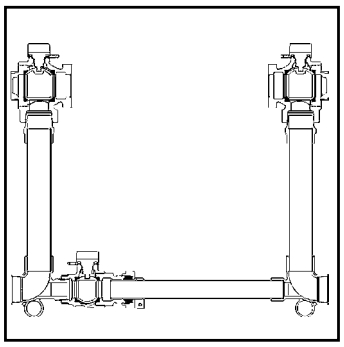


1 1/2" & 2" Meters

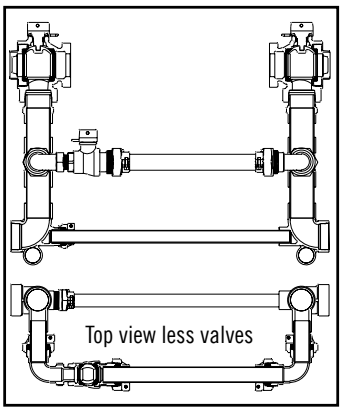
Other meter lay lengths must be specified. An additional 3/8" is added to top spacing to allow for gaskets through 1" setters: Standard 2" top spacing = 17 1/4". Contact factory for: 360º turn valve, handle for ball valve, dielectric connections, check valve in bypass test valve solder to tube.



No Bypass (–)



Low Bypass (B)



Offset High Bypass (R)

Meter Size	1 1/2"	2"
Standard Lay Length	13"	17"

Features

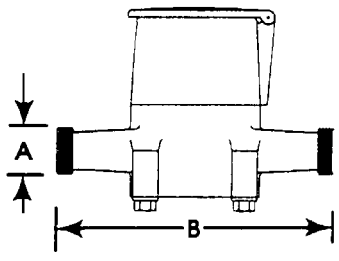
1. All ball valves have lockwings.
2. 1" copper cross tube is standard for no by-pass setters.
3. 1" brace eyes are standard.
4. 1 1/2" bypass available on FNPT meter setters, contact factory.
5. 2" Meter flanges have slotted bolt holes to fit 1 1/2" or 2" meters.
6. Two drop in flange gaskets furnished.
7. Two meter support brackets furnished.
8. Other vertical heights available, contact factory.
9. 1 1/4" bypass has 1" x 1" x 1 1/4" ball valve.
10. Flanged elbow can be supplied with 1" top tap for test valve. Contact factory.
11. All copper tubing is "K" weight.
12. For special setting or resetting requirements, contact factory.

NOTE: 2" meter setters can be easily converted to 1 1/2" meter setters by cutting 4" out of 1" cross tube and/or bypass cross tube. Order 20A76 adapter kit to convert bottom inlet and outlet connections from 2" FNPT to 1 1/2" FNPT. Two bushings are provided with each kit, thread sealant should be used.

OPTIONS

- Insert stiffeners are required on all flexible plastic connections
- Not all combinations available, contact factory.

Meter Dimensions



Meter Size	5/8"	3/4" Short Meter, 5/8" x 3/4"	3/4"	3/4" x 1"	1"	1 1/2"	2"
A-Meter Threads	3/4"	1"	1"	1 1/4"	1 1/4"	Oval Flange	Oval Flange
B-Lay Length	7 1/2"	7 1/2"	9"	9"	10 3/4"	13"	17"
A.Y. McDonald Spacing*	7 13/16"	7 13/16"	9 5/16"	9 5/16"	11 3/32"	13 1/4"	17 1/4"

*Allows for meter and two gaskets.

5/8", 5/8" x 3/4", 3/4", & 1" | Series 740, 741, 742, 743, 744, 745, 746, 747, 748, 749

A.Y. McDonald Mfg. Co. is pleased to present its extensive line of copper meter insetters. These fine, high quality products offer the end user greater versatility due to the wide variety of end connections, heights, valve options, sizes, and special configurations.

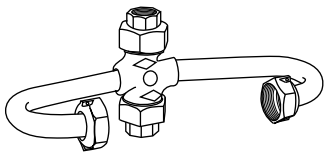
Versatility. That's the theme of our complete and flexible line of copper meter insetters. It also describes our system of model numbers. If you have requirements that are not contained in this catalog, please contact our customer service department at 1-800-292-2737. Our professional staff will be happy to work with you to select the product that will fit your needs.





- All cast brass parts conform to latest revision of AWWA C800.
- Copper tubing has a 13/16" O.D. for 5/8", 5/8" x 3/4" or 3/4" meter setters and 1 1/8" O.D. for 1" meter setters.
- Solder is no-lead.
- NSF rubber gaskets are furnished as standard. Contact factory for fiber or leather gaskets.
- All meter setters tested air under water at 85 PSIG.
- All meter swivel nuts have wire seal hole.
- Lockwing ball style meter valves are standard.
- All copper meter setters can be supplied with a test valve on the outlet tubing.
- For dual check backflow valves, see Single & Dual Check section.
- Unless specified all Components have meter nuts without saddles.

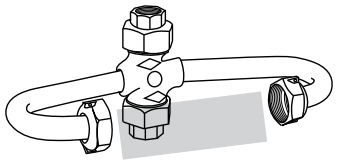
Model number 740 -2 -- -- MF 33 means...



Series

740-2----MF 33

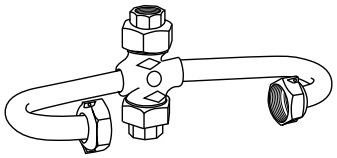
No-Lead Copper Meter Insetter Series
740, 741, 742, 743, 744, 745, 746, 747, 748, 749



Meter Size

740 **-2** ----MF 33

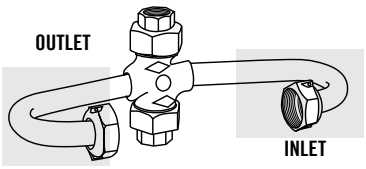
-1 = 5/8" Meter
-2 = 5/8" x 3/4" Meter
-3 = 3/4" Meter
-4 = 1" Meter



Tube Height

740 -2 **--** --MF 33

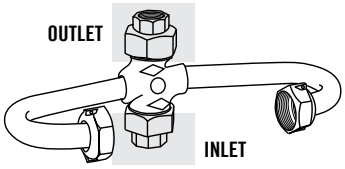
Not Applicable



Inlet/Outlet Valve Configuration

740 -2-- **--** MF 33

Not Applicable for 740-1, 740-2, 740-3, series only

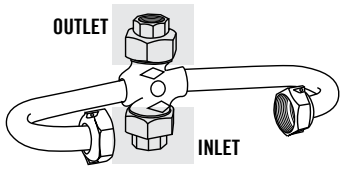


Inlet/Outlet End Connections

740 -2---- **MF** 33
IN OUT

C = Copper Flare
D = Double Purpose (Flare or FNPT)
F = Female Union
M = Male Union
P = MNPT (No Coupling)
Q = Q CTS
S = Solder Union
T = T CTS
Z = -3Q PEP
2 = -22 CTS Mac-Pak
3 = -33 PEP-7 Mac-Pak
4 = -44 PVC Mac-Pak
5 = -55 IP Mac-Pak

•Not all end connections available on all styles of meter setters.



Inlet/Outlet End Sizes

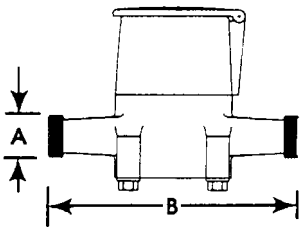
740 -2---- MF **33**
IN OUT

1 = 1/2"
2 = 5/8"
3 = 3/4"
4 = 1"

Meter Dimensions

Meter Size	5/8"	3/4" Short Meter, 5/8" x 3/4"	3/4"	3/4" x 1"	1"	1 1/2"	2"
A-Meter Threads	3/4"	1"	1"	1 1/4"	1 1/4"	Oval Flange	Oval Flange
B-Lay Length	7 1/2"	7 1/2"	9"	9"	10 3/4"	13"	17"
A.Y. McDonald Spacing*	7 13/16"	7 13/16"	9 5/16"	9 5/16"	11 3/32"	13 1/4"	17 1/4"

*Allows for meter and two gaskets.



715 & 716 Series - Single, Dual & Tandem

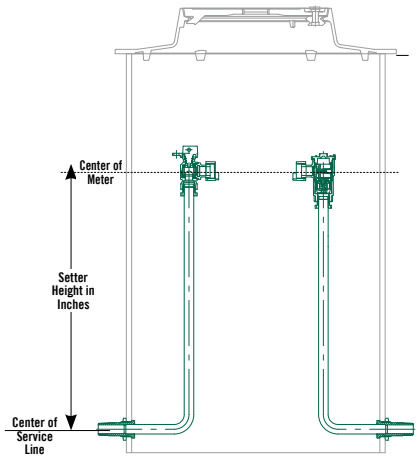
Series 715, 716, 780, 783, 7180, & 790 | Pit Assembly - Yoke, Flat Lid, & Coiled | Single, Dual & Tandem

Risers Only for 5/8" to 1" Meters

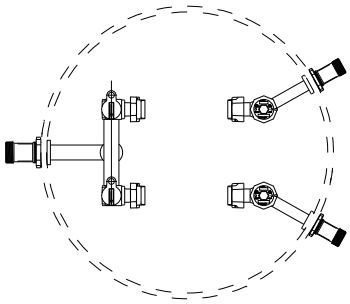
The A.Y. McDonald 715 series meter setter is designed for installation into your pit shell. Using your specific design criteria, the 715 series will provide the internal meter setting with valves, risers, and connections you call for. Pit diameter, wall thickness, and service line bury should be carefully considered when ordering the 715 series meter setter. Typical meter depth from the surface, or grade level, is 14", however you are in control when you apply this setter.

The frame and cover selection for this setting will also affect the overall height of the 715 series. As these castings will alter the distance from grade level to centerline of installed meter, and top of meter pit. For assistance in designing your 715 series meter pit, we recommend you **review the 780 series** complete meter pit assemblies in this brochure or contact our customer service department.

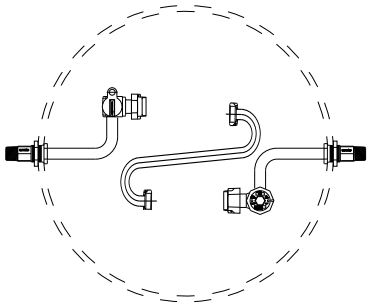
Typical 715 Series Installation



Brass and Copper Parts ONLY - PVC Pit, brace, frame & cover are not included.



715 Series - Dual



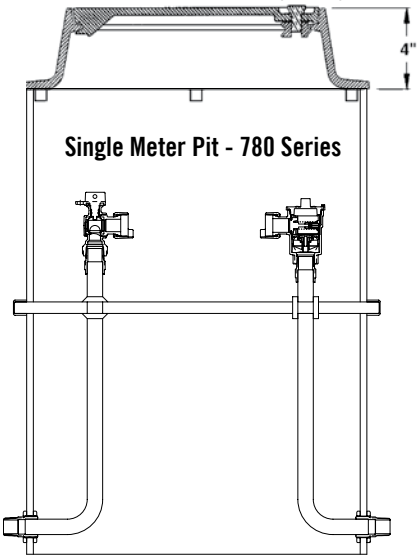
716 Series - Tandem

NOTES - All cast brass meets latest revision of AWWA C800.

780 Series - Pit Assembly

For 5/8" to 1" Meters

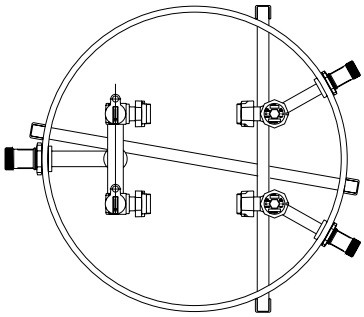
See Frame & Cover Section for optional frames and covers sold separately.



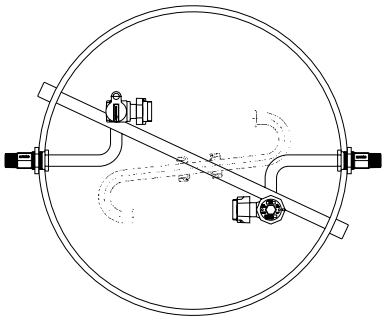
Single Meter Pit - 780 Series

A.Y. McDonald Mfg. Co. offers a quick and easy way to install your water meter. The series 780 for threaded meters is delivered completely assembled, is fully tested prior to leaving the factory, built to your specifications, and is set into service as a unit. This unit can be installed in minutes.

The 780 series assembly includes a smooth wall PVC shell, risers, and meter valves. Various service line connection styles are available or sold separately. Also taken into consideration when sizing the series 780 pit assembly is the service line depth and the wide range of covers available and sold separately.



Dual Meter Pit 781 Series



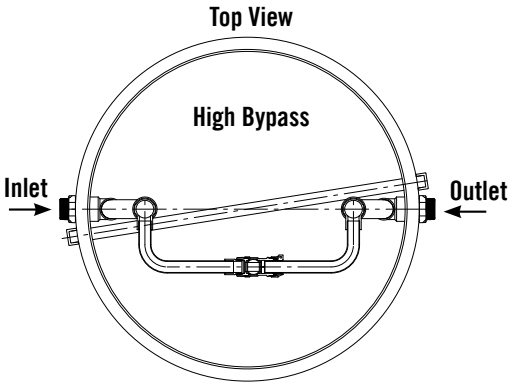
Tandem Meter Pit 782 Series

780 Series - Pit Assembly

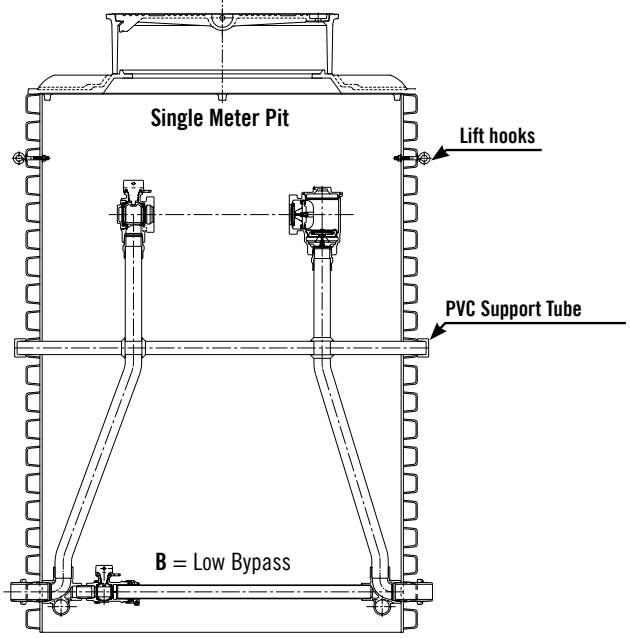
For 1 1/2" and 2" Flanged Meters

A.Y. McDonald Mfg. Co. offers a quick and easy way to install your water meter. The series 780 for flanged meters is delivered completely assembled, is fully tested prior to leaving the factory, built to your specifications, and is set into service as a unit. This unit can be lifted into place with pre-installed lift hooks, and installed in minutes.

The 780 series assembly includes a corrugated PVC shell, risers, and flanged valves. Standard MNPT connections can be adapted to nearly any service line. Adapter ring and cover are sold separately.



See Frame & Cover section for optional frames and covers sold separately.



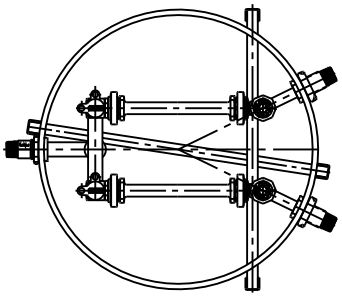
- High bypass option is offset to right side of meter
- Includes shut-off
- Dual check option available in bypass

783 Series - Yoke Pit Assembly

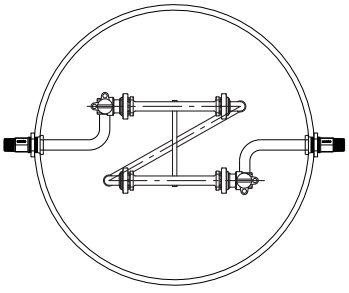
For 5/8" to 1" Meters

A.Y. McDonald Mfg. Co. offers a quick and easy way to install your water meter. The series 783 yoke style pit assembly is designed for 5/8" to 1" threaded meters. The 783 series is delivered completely assembled, is fully tested prior to leaving the factory, built to your specifications, and is set into service as a unit. This unit can be installed in minutes.

Comes complete with service line connections, risers, valves, and iron yoke meter cradle. May be ordered with or without meter expansion connection. Also taken into consideration when sizing the 783 series pit assembly is the service line depth, and optional frame and cover sold separately.

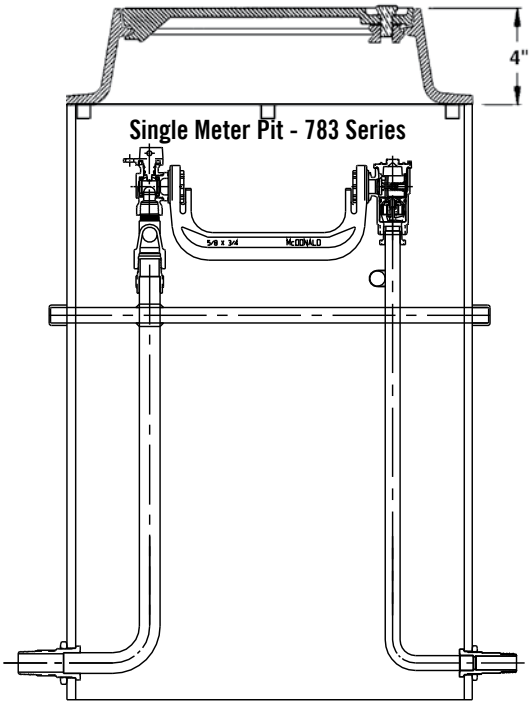


Dual Meter Pit 784 Series



Tandem Meter Pit 785 Series

See Frame & Cover section for optional frames and covers sold separately.



7180 Series - Flat Lid Pit Assembly

For 5/8" to 1" Meters

A.Y. McDonald Mfg. Co. offers a quick and easy way to install your water meter in a shallow setting. The series 7180 inline meter setting is delivered completely assembled and is fully tested prior to leaving the factory.

Each meter box assembly comes standard with a rigid PVC shell, AWWA compliant water service brass fittings, and valves, and NSF meter gaskets. Options include aluminum bottom closure, insulating pads, and several lid styles. Various service line connection styles are also available upon request. This versatile meter box can be sized to fit any standard size water meter and is easily adapted to remote read options.

Available for single, dual, and tandem meter installations.

See Frame & Cover Brochure for optional frames and covers sold separately.

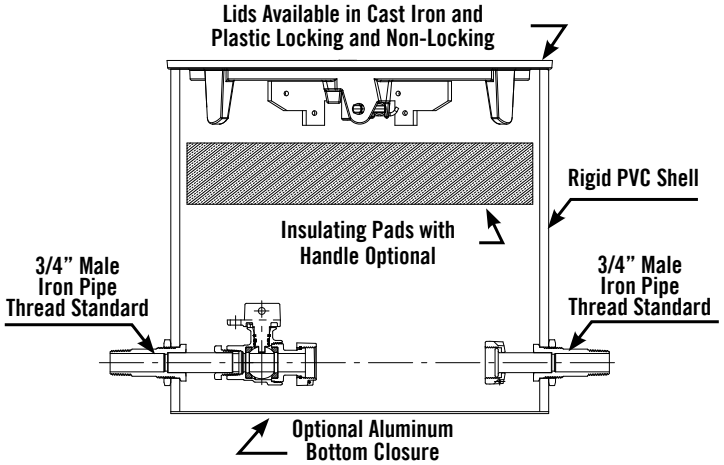


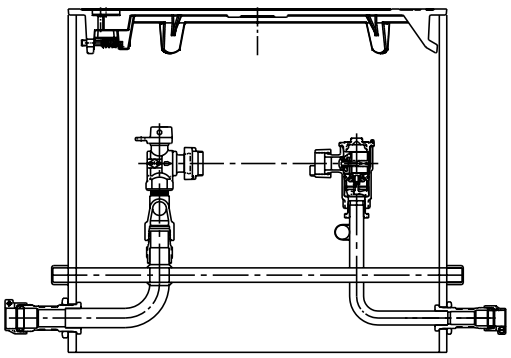
Top View - With Meter & Shut-Off Valve

Not all combinations are available - Contact Factory.

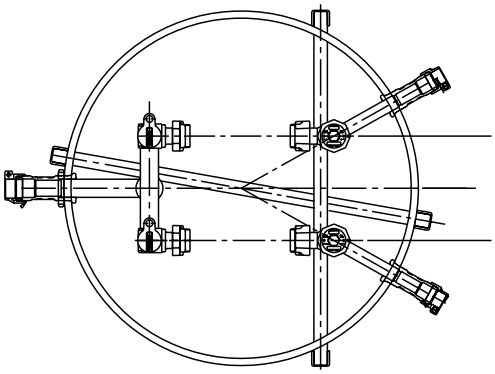
FEATURES

- Rigid PVC Shell
- Fully assembled
- White interior
- Factory tested
- All cast brass meets latest revision of AWWA C800
- Sized to fit your meter
- Compression connection available
- Adaptable to meet your needs





Single 7180 Series



Dual 7180 Series

790 Series - Coil Pit Assembly

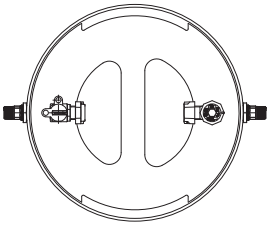
FOR 5/8" TO 1" METERS

The A.Y. McDonald Coil Pit Setter provides a means to allow a meter to be read and maintained even though it is set deep in the ground to resist freezing. The Coil Pit Setter is designed with the meter installed on a platform that normally sets near the bottom of the box where the ground temperatures are warmer. The meter and platform are connected to the service line by coils of tubing which allows the meter and platform to be raised to the surface for service or replacement.

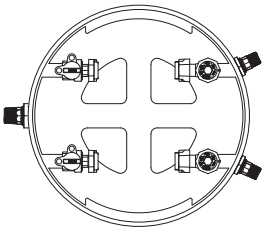
The body of the meter box is rigid PVC of various diameters. For extremely cold climates, an optional insulating pad is available which traps the relatively warm air rising from the earth, inside the meter box.

A.Y. McDonald Coil Pit Setters are shipped fully assembled, ready for meter and service line installation. Their light weight saves shipping costs and makes installation a one man job in most cases. Every box is factory tested and has a 150 psig maximum working pressure rating.

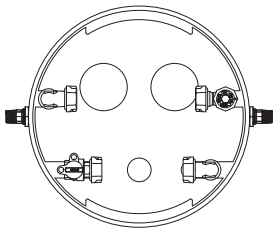
A.Y. McDonald Coil Pit Setters are available in single, dual, and tandem settings for 5/8" to 1" meters. A wide variety of end connections, control valves, box depths, lids and other options are available. Due to the almost endless combination of features offered, each meter box is custom built to your specifications.



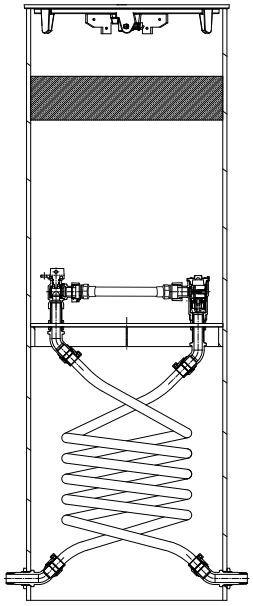
790 Series - Single



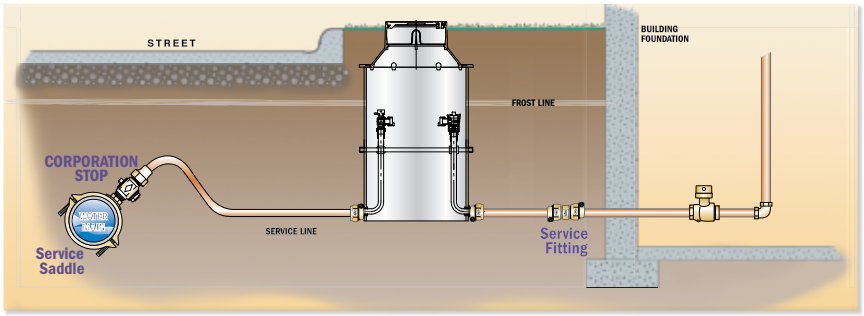
791 Series - Dual



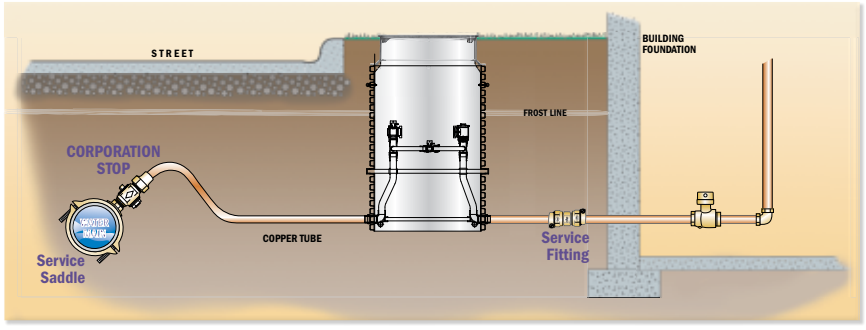
792 Series - Tandem



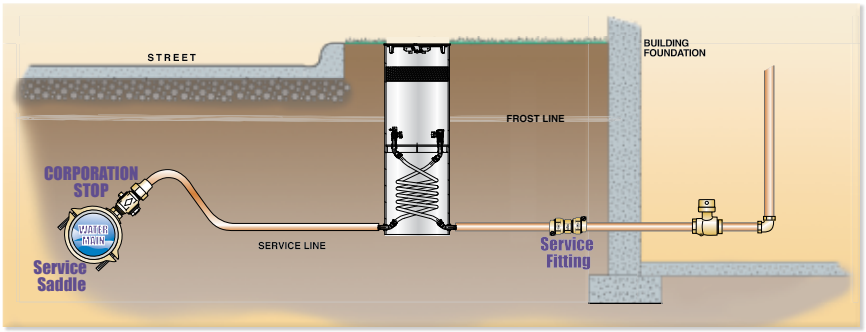
See Frame & Cover section for optional frames and covers sold separately.
790 series flat cover sold separately



5/8", 5/8" x 3/4", 3/4" & 1" Meter Installations



1 1/2" & 2" Meter Installations



Coiled Pit Installations

Meter Box Frames & Covers

Series 774M, 74MA, 74MC, 74MPR, 74MW, 74MX, 74R, 90L | Recessed & Non-Recessed | Rotational

A.Y. McDonald Mfg. Co. is pleased to offer a competitively priced line of superior quality cast iron meter box frames and covers made in North America. This line of products is designed for lawn and sidewalk installations. Contact factory for interchangeability options with other manufacturer products.

Features

- Extra heavy covers available on certain models. Contact factory for further information.
- Both flush mount and recessed covers available.
- Frames have cast centering lugs to center tile.
- Covers can be supplied for use with remote read meters.
- Covers can be private labeled (minimum order quantity is required). Contact factory for further information.
- Cast iron riser rings available with inner lid for use in colder climates.
- Locking worm gear swedged onto bronze pentagon bolt.
- Pentagon bolt available in two sizes.
- Extension rings available for 18" and 20" frames.

Materials

- Gray cast iron.
- Black paint coating.
- Bronze pentagon bolt/lifter style.
- Cast iron worm gear lock swedged to bronze pentagon bolt.
- Washers: (1) copper (1) plastic.



"M" Style



"A" Style



"C" Style

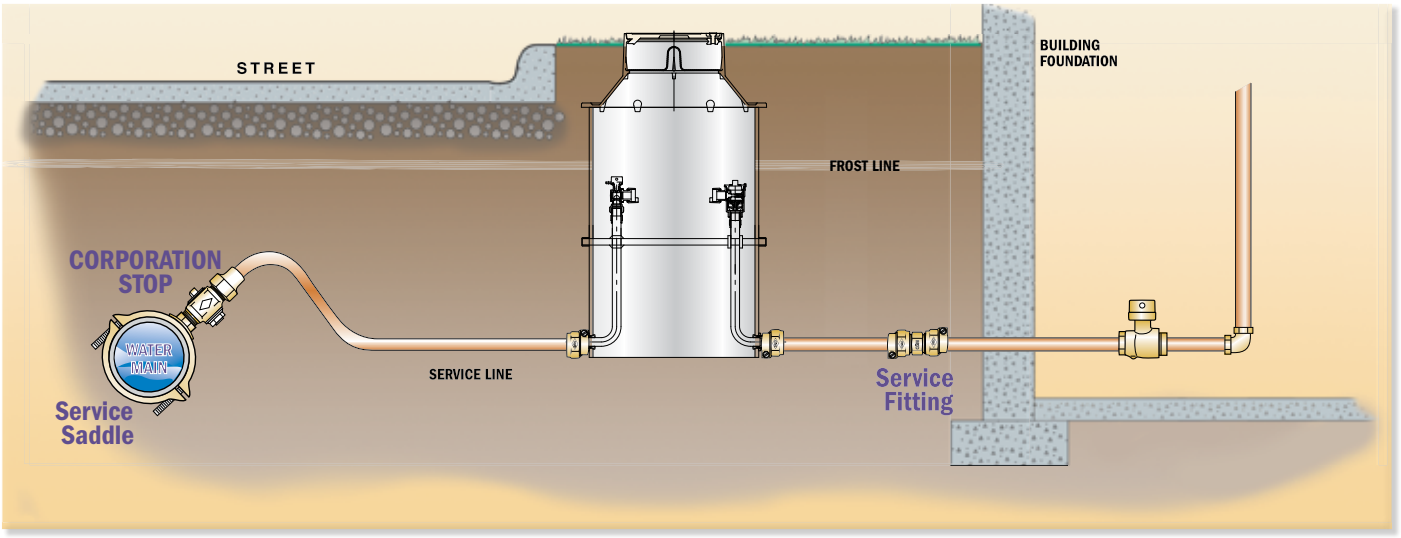


"W" Style



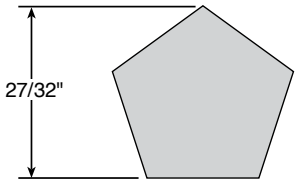
"R" Style

Typical Installation with Pit

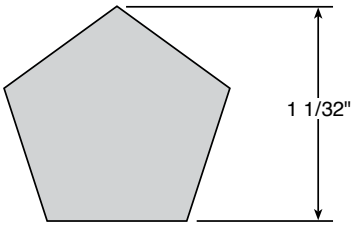


Pentagon Bolts

- Small water works pentagon bolt furnished as standard.
- Large pentagon bolt available ("LB" Option).

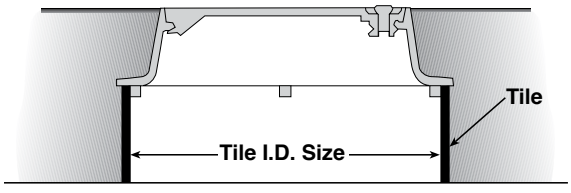


SMALL (Standard)



LARGE

Easy Selection Guide for Tile Sizes

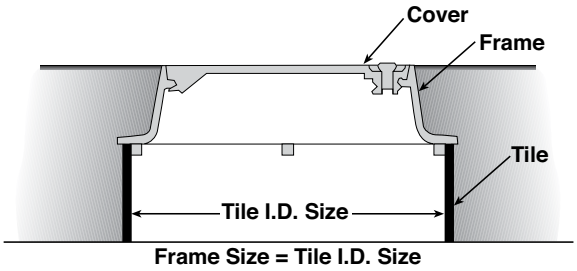


METER FRAME & COVER OPTIONS

	Tile Sizes						
Models	15	18	20	21	24	30	36
74M					•	•	•
74MA	•	•	•	•			
74MC	•	•	•	•			
74MPR				•			
74MW	•	•	•	•			
74MX		•	•		•	•	•
74R		•	•				

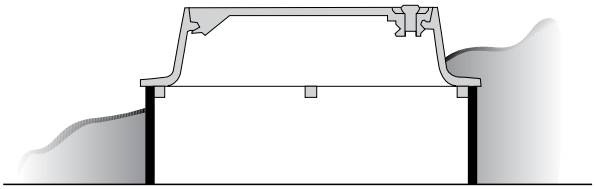
Meter Box Frames & Covers Installation

Correct Setting

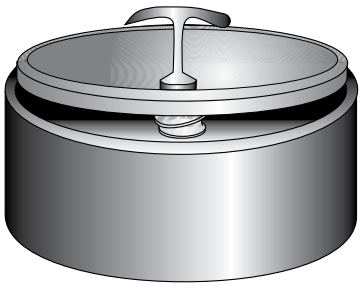


Frame Size = Tile I.D. Size

Incorrect Setting



1. Make sure the frame and cover fits securely onto the meter pit. A.Y. McDonald Mfg. Co. frames have positioning lugs that extend from bottom of frame to prevent the frame from sliding off of the meter pit.
2. Backfill around the frame and make certain the grade is level with the top of the cover. This will help avoid a tripping hazard.
3. Install cover onto frame and lock securely into place. Standard locking style covers are preferred in order to prevent unauthorized removal which could cause a safety hazard. If a lockless style cover is specified, make certain it fits properly into the frame and is not subject to sliding or tipping out of position. Lockless lids have extra long alignment lugs to help keep the lid in place.
4. Frames and covers are designed as a unit and it is not a good practice to intermingle frames and covers from various manufacturers. User assumes all risk of mixing A.Y. McDonald frame and cover with another manufacturer's frame and cover.
5. Check on a regular basis to ensure proper operation of locking devices and to make certain the meter box cover remains at ground level.



All locking covers feature a unique "worm" type gear. Two things happen as the key is turned and the cover is opened:

1. The cast iron worm gear rotates, applying a powerful screwjack action between the cover and frame to break any seal of ice or dirt.
2. The key attaches itself to the bronze pentagon bolt, forming a lifter handle for the cover, then automatically disengages from the bolt as the cover is locked.



Frame



Cover

Electronic Meter Reading Covers

A.Y. McDonald Mfg. Co. covers are available with 2" holes for a remote electronic meter reading module. These covers are especially configured for this purpose and are manufactured so that the electronic meter reading module will seat against a flat surface.

To Order: For single hole electronic meter reading covers, add one catalog number suffix letter to the model number (Example "T").

Example: When adding a single hole to a 74M32W frame and cover (for the installation of a single TouchRead™ module) the model number would be **74M32WT**. Add two T's for a Double Hole Electronic Meter Reading Cover. For example, **74M32WTT**.

Electronic Meter Reading Covers
with Removable Plug

An optional cast iron plug (removable for future electronic meter reading module installations) is available for all electronic meter reading covers. This option is designated with a "TP" for a single hole with plug cover, or a "TTPP" for a double hole with double plug cover. **Example: 74M32WTP.**



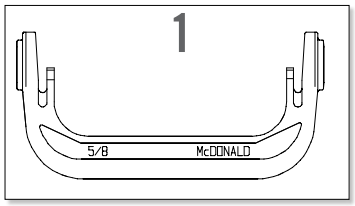
NOTE: Not all holes available on all covers.

Iron Yokes

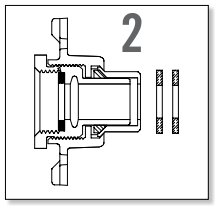
Yoke Bars | Angle & Straight Valves | Yoke Couplings | Angle Single Check Valves | Inline & Angle Dual Check Valves | U-Branch & Yoke

How to Order

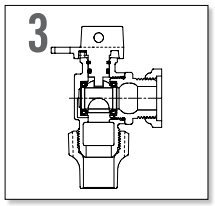
Be sure to order one of each to make up a complete assembly.



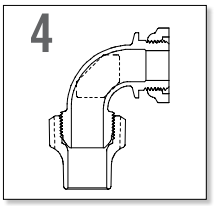
Cast Iron Yoke



Expansion Connection



Inlet Valve or Coupling



Outlet Valve, Coupling, or Dual Check Valve

Ball Valve Size Description

SIZE means: 3/4 x 5/8 x 01

- 3/4 — End Connection
- 5/8 — Ball Opening Size
- 01 — Meter Size
  - 01 = 5/8"
  - 02 = 5/8" x 3/4" or 3/4"
  - 04 = 1"

Coupling Size Description

SIZE means: 3/4 x 01

- 3/4 — End Connection
- 01 — Meter Size
  - 01 = 5/8"
  - 02 = 5/8" x 3/4" or 3/4"
  - 04 = 1"

Yokes Assemblies

Single Settings
714G425LEFF66



Dual Yoke Settings
714H425LEFF44



Tandem Yoke Settings
714-2--WY22 332



Yoke Bar Assembly Only with Tie Bar

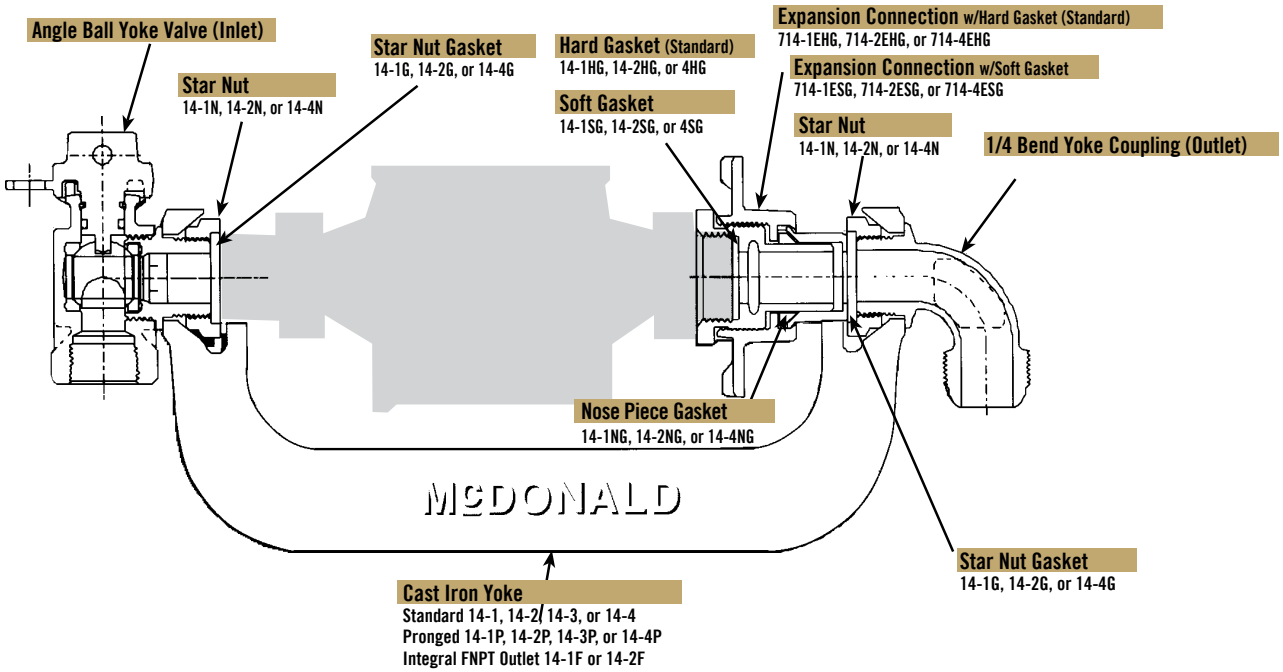
14-2-1TB,
14-2-2TB,
14-2-3TB,
14-4-4TB



THERMAL EXPANSION WARNING - Creating a "closed" condition in a hot water system with the installation of a non-return barrier (such as a Check Valve or Backflow Preventer between the system piping and the public supply) can result in extreme pressure rises caused by thermal expansion and/or water hammer. This thermal expansion can damage piping, valves, and other Components in the system. The installation of a pressure relief device or thermal expansion tank can avoid possible damages.

General Information

A.Y. McDonald offers a complete line of yoke assemblies and packages. Contact factory for assistance.



NOTES

- All cast brass parts comply with latest revision of AWWA C800.
- Yoke bar material is ASTM A126 Class B cast iron.
- All rubber gaskets are EPDM.
- Ball valves are rated at 300 PSIG water pressure - (See Meter Valve section).
- Plug valves are rated at 100 PSIG water pressure - (See Meter Valve section).
- Optional is powder coated.
- Cast iron yoke has support lip to hold meter and expander during installation.
- Three piece brass expander has large tightening spokes and includes two star nut gaskets.

Meter Boxes - Yokebox & Longbox

Series 775 Yokebox | Series 776 Longbox | Series 777 "CR" Box

A.Y. McDonald Mfg. Co. Meter Boxes are complete, compact meter-setting packages, which are installed as a unit. They are the ideal water meter housing for moderate and warm climates. Meter Boxes provide automatic alignment for the water meter, which can be inserted any time during or after installation.

The body and lid are made of durable cast iron (ASTM A-48, Class 25 minimum) to provide many years of trouble-free service. The inlet, outlet, and expansion connection are manufactured of brass and meet or exceed the current AWWA Standard C800. All dual check valves are ASSE 1024 approved.



775 SERIES YOKEBOX

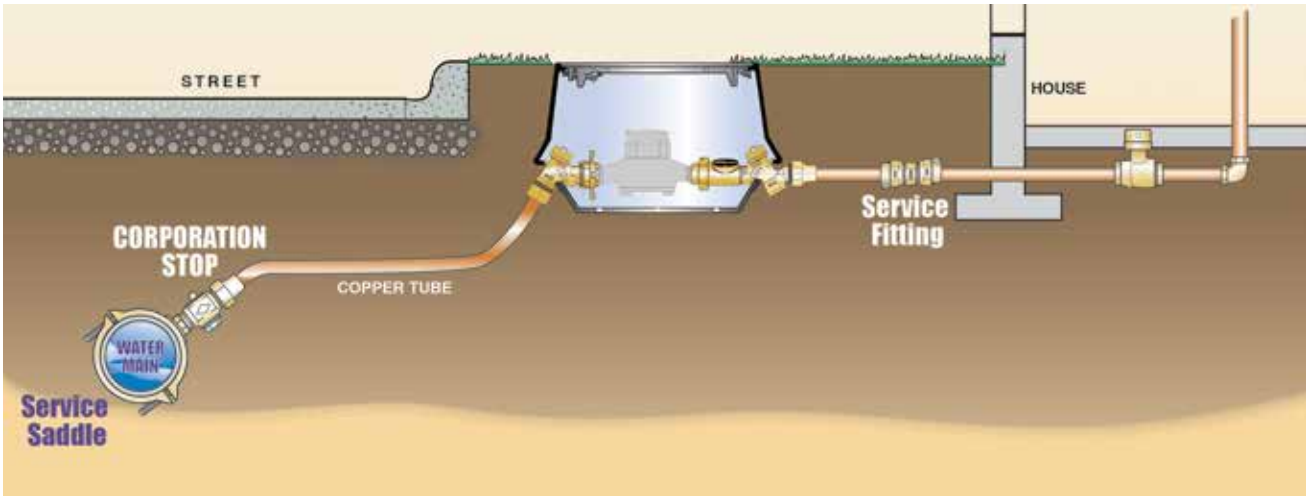
Yokeboxes are more compact. An inline dual check valve may be integral to the yokebox or installed outside the yokebox.



776 SERIES LONGBOX

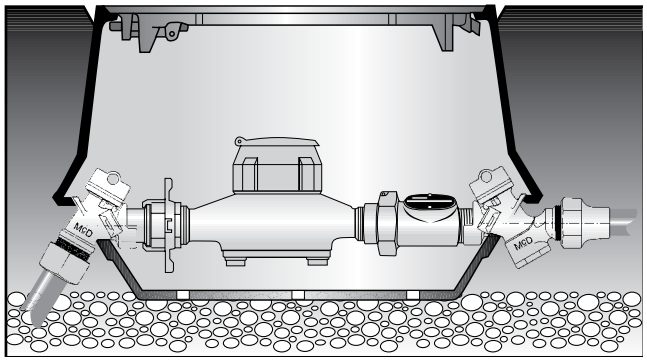
Longboxes include an inline dual check valve inside the box.

Common Meter Box Installation

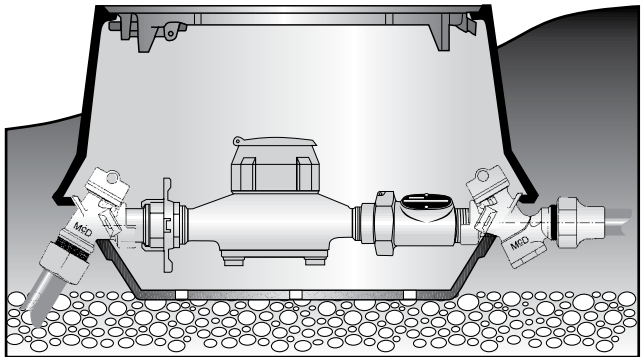


Installation

Correct



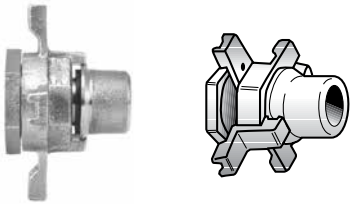
Incorrect



1. Backfill to make certain the grade is level with the top of the box. This will help avoid a tripping hazard.
2. Lock lid securely into place. Locking style lids are preferred to prevent unauthorized removal which could create a safety hazard. If a lockless style lid is used, make certain it fits properly into the frame and is not subject to sliding or tipping out of position. A.Y. McDonald lockless lids have extra long alignment lugs to deter improper lid placement.
3. Lids and boxes are designed as a unit. Components are not interchangeable with other manufacturer's products. A.Y. McDonald is not responsible for users replacing or interchanging meter box lids with other manufacturers products.
4. Check periodically to ensure correct operation of locking devices and to make sure the lid remains at ground level.

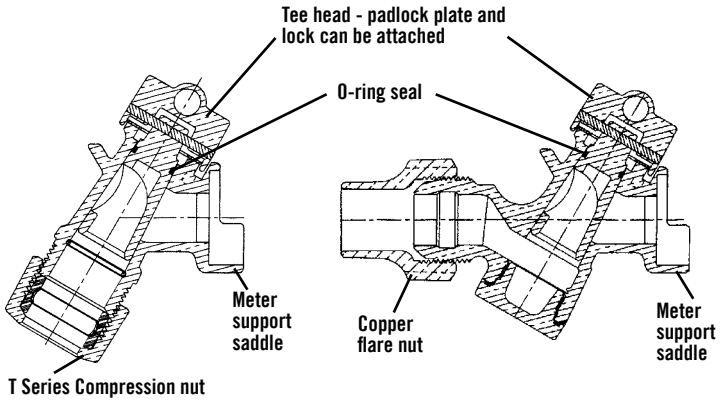
Expansion Connection

Longboxes and yokeboxes include a handwheel style expansion connection, eliminating the need for a wrench during meter changeouts.



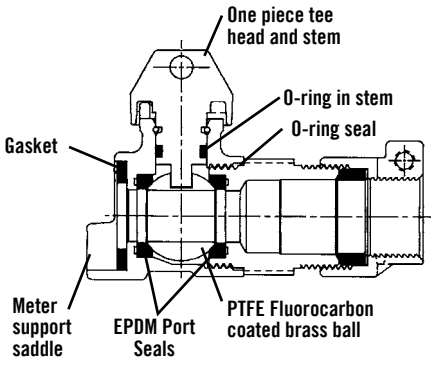
Plug Valve Features

The plug valve holds the plug in place using a drive pin and a spring washer. An o-ring provides additional leakage protection. Angle valves are 60° from horizontal. A variety of inlet and outlet couplings are available for copper or plastic tubing, PVC, PE, or iron pipe. Plug valves are rated to 100 PSI.



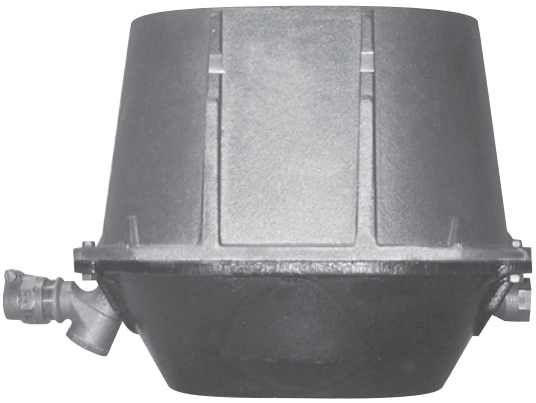
Ball Valve Features

The ball valve features a solid one piece tee-head and stem. An o-ring in the stem assures a watertight seal at the top. Molded rubber seats support the ball. The PTFE flurocarbon coated brass ball will provide years of maintenance free service. A variety of inlet and outlet couplings are available for copper or plastic tubing, PVC, PE, or iron pipe. Ball valves are rated 300 PSI.



Series 775

5/8" or 5/8" x 3/4" Meters

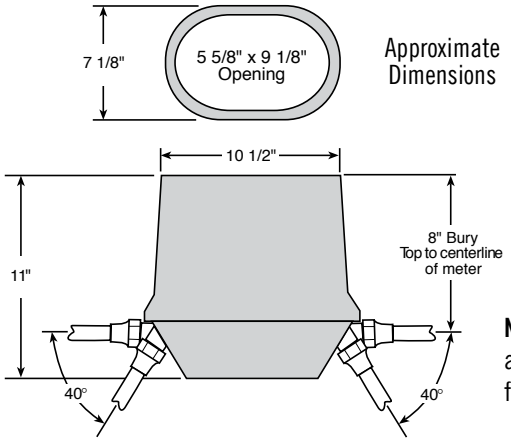


Straight and angle valves are available for the yokebox inlet and outlet, 8" bury is standard. Angle valves are 60° from horizontal. Straight back flow or connection outlets are available. Cast iron base keeps out dirt, mud, and pests, resulting in a cleaner meter. Holes in the base provide drainage.

Cast iron base, upper section, and lid are black dip coated to prevent rust. Expansion connection and gaskets are also included with package. Designed for use with above or below ground potable water applications with temperature range of 34º -100ºF.

A standard fully assembled yokebox includes:

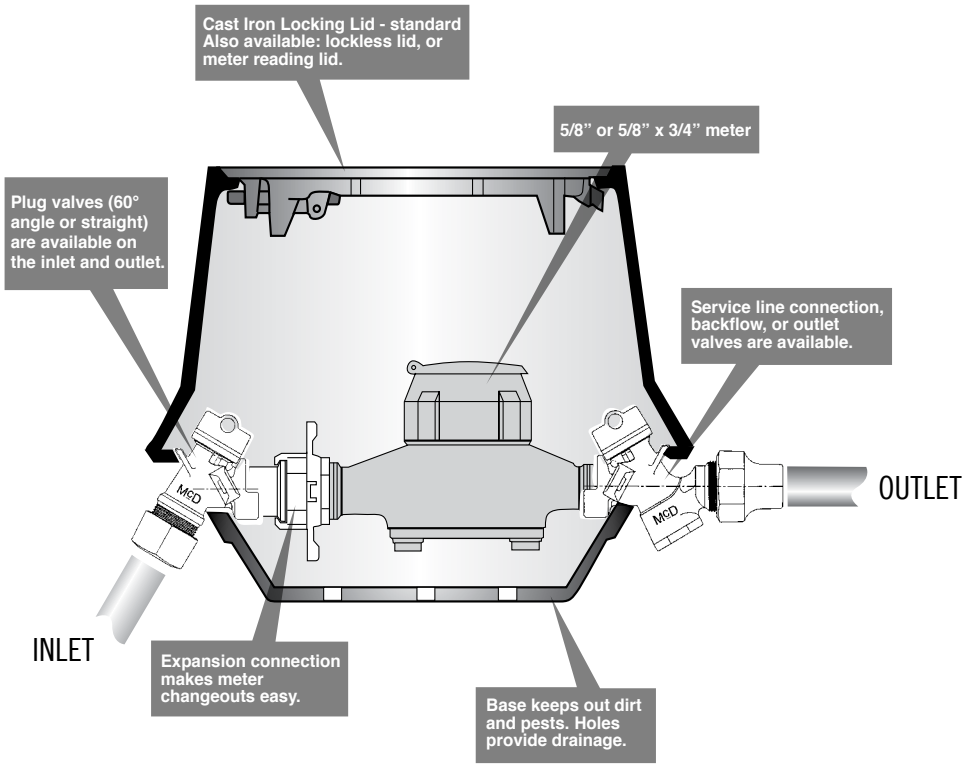
- Cast Iron Base
- 5/8" x 3/4" meter standard
- Upper Section (Cast Iron or Plastic)
- Cast Iron Locking lid standard
- Lockless and Plastic lid available
- Inlet and Outlet Connection
- Shallow center line of meter 8" below grade



NOTE: All combinations may not be available with all models. Contact factory for further information.

LID OPTIONS

For custom logo lids, contact factory.



Series 776

5/8" or 5/8" x 3/4" Meters

Straight or angle valves are available for the longbox inlet and outlet, 8" bury is standard. Angle valves are 60° from horizontal. Straight connection outlets are also available.

Cast iron base keeps out dirt, mud, and pests, resulting in a cleaner meter. Holes in the base provide drainage. Cast iron base, upper section, and lid are black dip coated to prevent rust. Expansion connection, gaskets, and ASSE 1024 inline dual check valve are included with package.

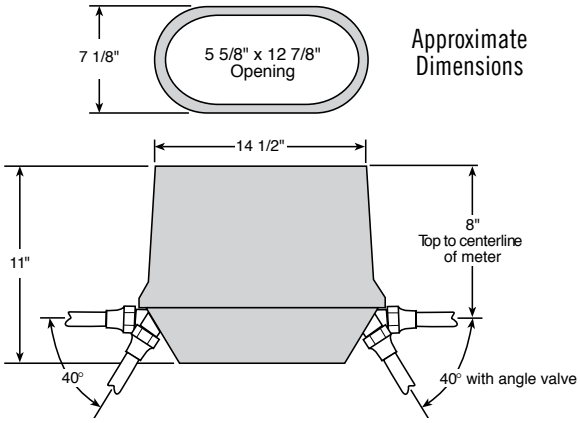
Designed for use with above or below ground potable water applications with temperature range of 34º -100ºF.



A standard fully assembled longbox includes:

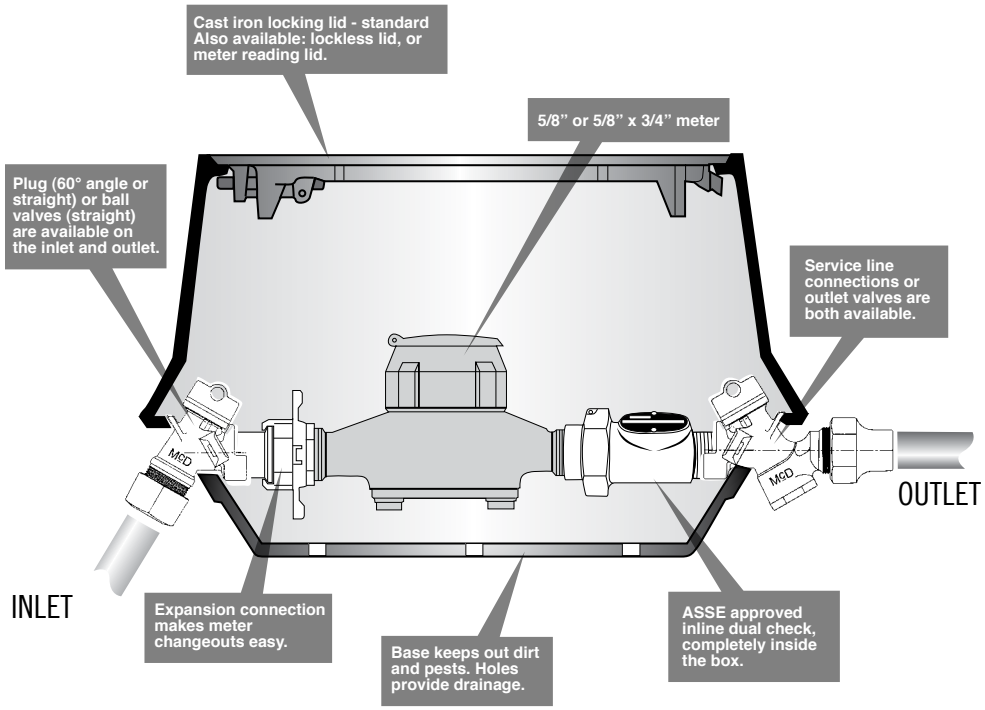
- Cast Iron Base
- 5/8" x 3/4" meter standard
- Upper Section (Cast Iron or Plastic)
- Cast Iron Locking lid standard
- Lockless and Plastic lid available
- Inlet and Outlet Connection
- Shallow center line of meter 8" below grade

NOTE: All combinations may not be available with all models. Contact factory for further information.



LID OPTIONS

For custom logo lids, contact factory.



Series 777

5/8", 5/8" x 3/4", 3/4", or 1" Meters

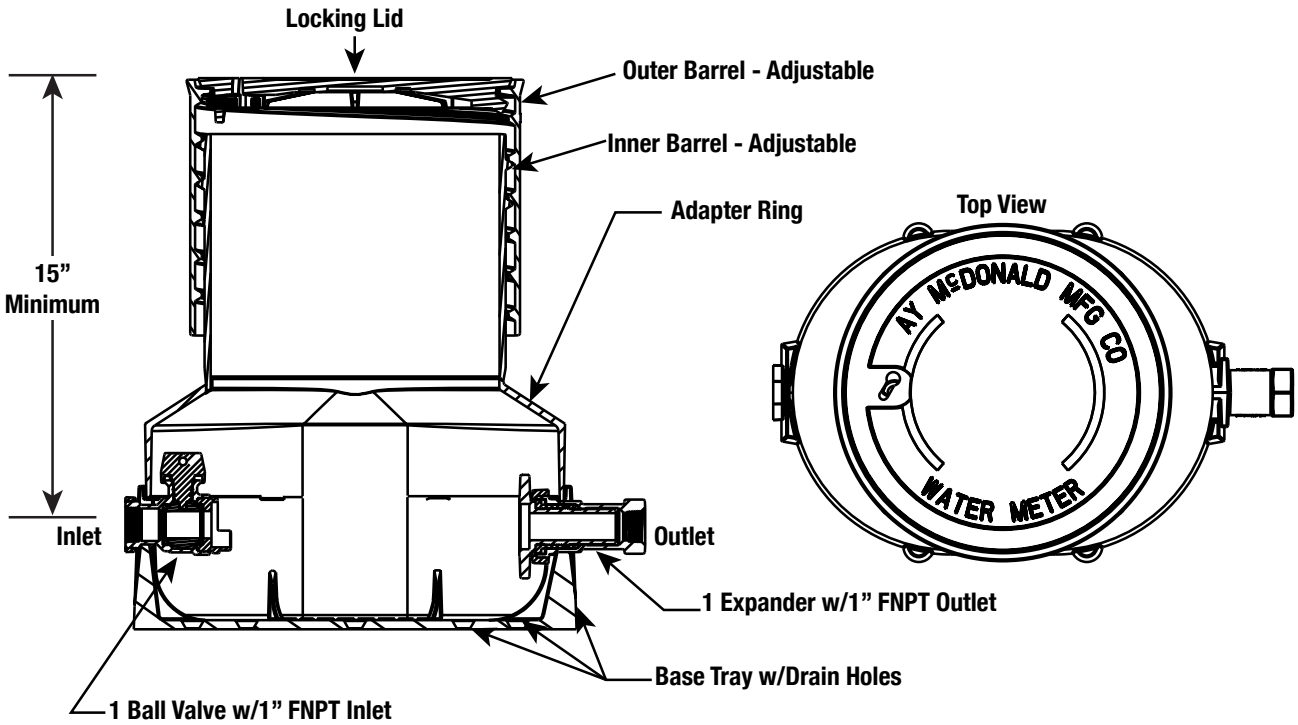
A.Y. McDonald Mfg. 777-Series meter box offers versatility in design and adaptability in service line connections. Adjustable to unexpected grade changes and service line specifications. The 777 Series provides a protective cast iron housing for water meters to one inch size and service line depths of 11 – 20". Options are available including integral Compression on 5/8" and 5/8" x 3/4" sizes, connection adapters, non-locking lids, lids for radio and touch read technology, and stationary non-adjustable top sections. Designed for use with above or below ground potable water applications with temperature range of 34º - 100ºF. Brass conforms to AWWA C800 Latest Revisions.

Drainage Holes in Base Casting. Cast iron base, upper section, and lid are black dip coated to prevent rust.

A standard fully assembled "CR" Meter Box package includes:

- Cast Iron Housing Construction
- Adjustable Top Section
- 300 PSI rated Ball Style Inlet Valve
- Female Pipe Thread Connections
- Integral Expansion Connection to the Meter
- Cast Iron Locking or Lockless Lid





1" 777 SERIES "CR" BOX SHOWN









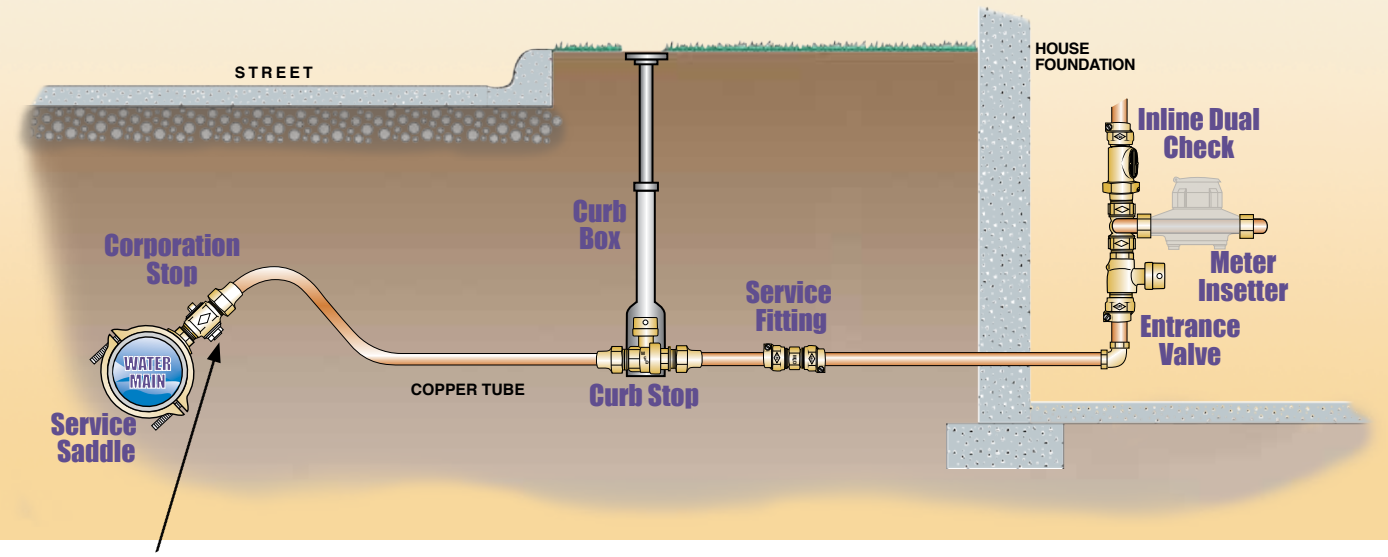


Corporation Stops

Water Works Catalog / Price List - April 2019

MORE THAN A BRAND. **WE'RE A FAMILY.**

Water Service Lateral



The Corporation Stop is the initial control valve of the service line.

Notes:

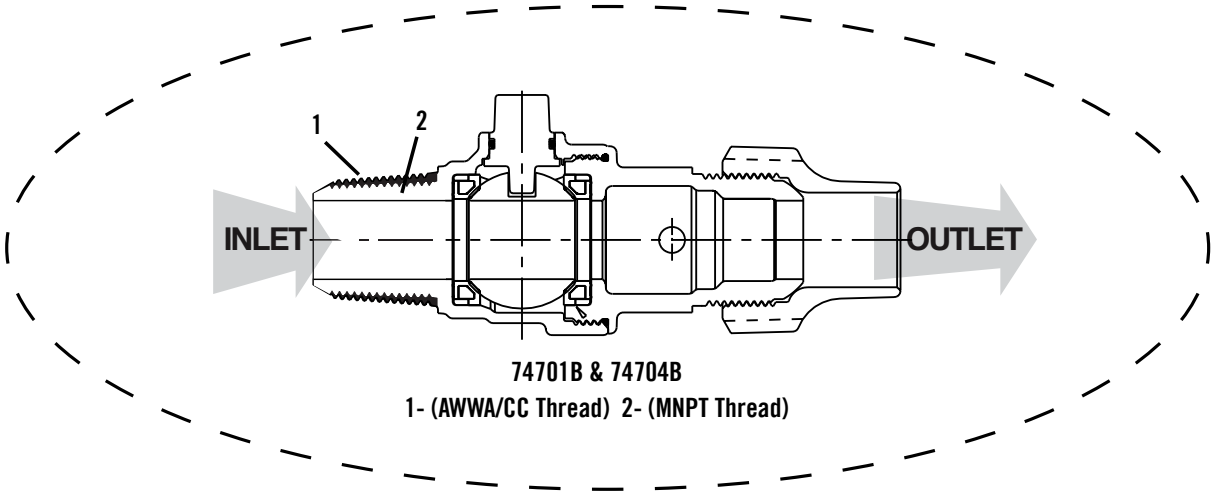
- All A.Y. McDonald Ball & Plug Style Corporation Stops are available with a wide variety of outlet connections and are manufactured to meet or exceed the AWWA C800 (latest revision) standard, except where noted.
- All A.Y. McDonald Ball & Plug Style Corporation Stops are designed to be used with all known tapping and drilling machines. For drilling and tapping machine adapters, except where noted see pages 78-79.
- Each A.Y. McDonald Ball & Plug Style Corporation Stop is pressure tested prior to packaging.
- Assembly is shipped with a color coded inlet thread protector - Green for AWWA/CC threads, Yellow for AWWA MNPT.
- A.Y. McDonald 3/4" and 1" "G", "H", "K", "Q", "T", "-22", and 1 1/4" Q series compression and flare outlets use the same female screw plug. The 1 1/2" and 2" "G", "Q", "T", and "-22" Series use special female screw plugs.
- A.Y. McDonald 3/4" and 1" "-3G", "-3Q", "-33", "-34", "-44", "-55", and 1 1/2" "-33" are one size larger thread. Example: 3/4" "-33" is 1" AWWA flare nut thread. See charts pages 78-79.
- Insert stiffeners are required for use in all PE applications.

Additional Options:

- For companion couplings for flare end, refer to the Service Fitting section in catalog, starting on page 198
- (FT) in the model number of 1 1/2" and 2" sized corporation valves designates Flare Thread Outlet I.E. 74701B-22 becomes 74701B-22FT
- (BCAP) in the model number designates a valve with a removable large operating head, see page 82-83 - I.E. 74701B becomes 74701BCAP
- (DB) in the model number designates a valve with a dielectric bushing assembled water tight (these valves will not fit in tapping and drilling machines), see page 210 - I.E. 74701B becomes 74701BDB
- (BSP) in the model number designates British Standard Pipe thread outlet (contact factory for availability and pricing)
- For additional outlet connection options, see page 22
- **(RW) in the model number designates marking for "Reclaimed Water". (Contact factory for availability and pricing)**
- **(PITO) in the model number designates Pito tube inlet, see page 89**

Ball Style Corporation Stops

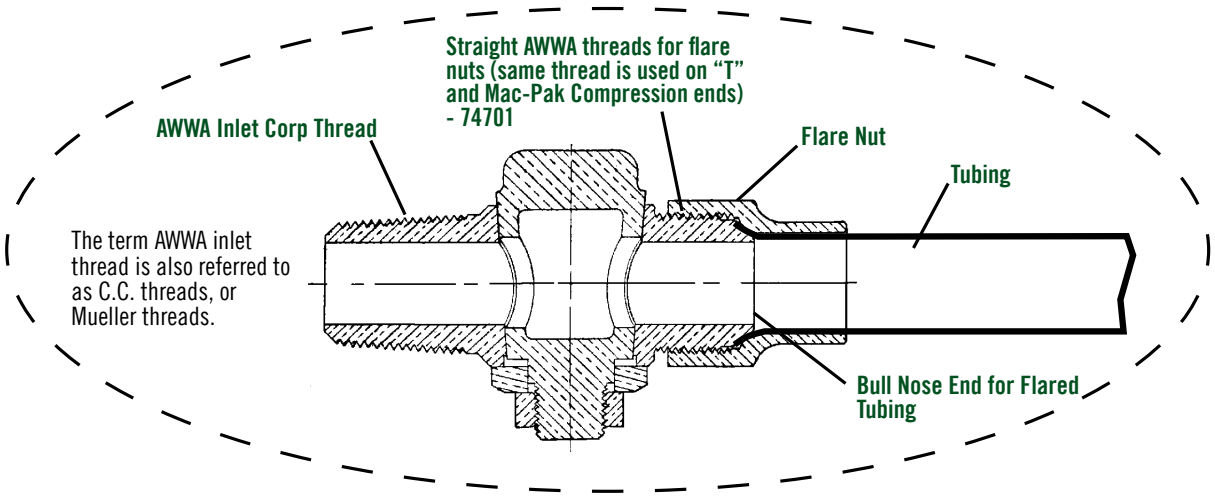
A.Y. McDonald Ball Style Corporation Stops come standard with a 360º operating head and are designed for low turning torques and operating pressures up to 300 PSI. The brass ball is coated with PTFE and supported by two blow-out proof EPDM seals. The end piece that holds the ball in the body is sealed with an EPDM O-ring and thread locker. A.Y. McDonald ball valves have no metal-to-metal contact between the ball and the body to cause higher turning torques and increased wear on the ball. The leak proof feature at 300 PSI rating makes these valves a better choice than a plug valve when test or operating pressures exceed 80 PSI.



74701B & 74704B
1- (AWWA/CC Thread) 2- (MNPT Thread)

Plug Style Corporation Stops

A.Y. McDonald Plug Style Corporation Stops come standard with a 360º operating head. The one piece body and plug are precision machined to assure a perfect match between the plug and the body to allow operating pressures of 100 PSI on 1/2", 3/4" and 1" valves and 80 PSI on 1 1/4", 1 1/2" and 2" valves. This same machining precision carries over to the threads to assure A.Y. McDonald's high quality and compatibility with direct taps and saddle applications.



A.Y. McDonald waterworks products are designed for reliable service. Like all brass products, however, they can be damaged by improper handling and use.

CAUTION:

1. PROTECT THREADS Nicks or distorted threads, especially on tapered threads, can cause leaks.
2. USE A GOOD THREAD SEALANT where threads are intended to provide a leak-proof connection. Do not overtighten.
3. DO NOT use Vaseline®, plumber's grease, or any other petroleum product on seals or o-rings.
4. USE ONLY A SMOOTH JAWED ADJUSTABLE WRENCH on the flats provided nearest the thread being made up. Serrated pipe wrenches apply a loose, improper fit that can distort the body and cause a leak, especially on valves.
5. Plug style corp valves should be installed so that the wrenching flats of a tightened valve are positioned top and bottom (see Figure 1).
6. AVOID DROPPING or the use of a hammer on any plug or key type valve. Impacts, causing dents or distortion, can cause leaks by unseating the plug portion of the valve.
7. PRESSURE TEST for leaks before backfilling.
8. FIELD TESTING Special high pressure field testing may require capping the outlet of corporation stops, curb stops and angle meter stops.

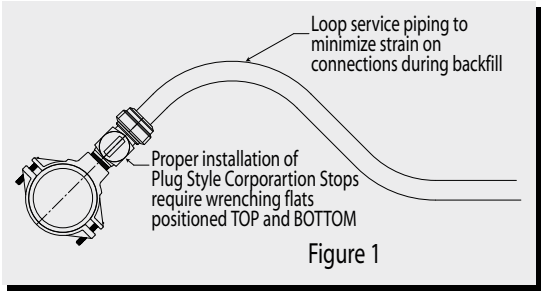


Figure 1

9. HIGH PRESSURE INSTALLATION Standard AWWA tapered plug valves are intended for not more than 100 PSIG water in sizes 1/2", 3/4" and 1" and 80 PSIG water for 1 1/4", 1 1/2" and 2" valves.
10. BACKFILL CAREFULLY to avoid damage to the service line and connections. Loop service piping on corporation connections to minimize strain on the body and connections (See Figure 1).
11. Use extra care with high water pressures (over 100 PSIG) and pipe or tubing over 1". Consult factory if desired.
12. Keep valve clean and free from dirt and debris.
13. Protect valve from freezing, which may distort valve. In the event the valve does freeze, do not forcibly try to open or close the valve while the valve is frozen. This may destroy the valve.
14. If valve has compression style connection, read connection instruction sheet prior to installation.
15. All valves must be operated in the fully opened or fully closed position. Attempts to throttle flow by operating the valve in a partially open position may destroy the valve.

NOTE: For corps with C903 ends, remove C903 adaptor prior to drilling. Reassemble C903 adaptor to corp after drilling. Inspect all o-rings for damage prior to reassembly.

NOTE: For installations having pressures in excess of 100 PSIG (1/2", 3/4" and 1" corp stops) or 80 PSIG (1-1/4", 1-1/2" and 2" corp stops), the use of McDonald "ball-style" corporation stops is recommended. Ball corporations are for use with water only and are rated at 300 PSIG water pressure.

FOR COLD WATER APPLICATIONS ONLY

DAMAGE CAUSED BY IMPROPER USE AND HANDLING WILL VOID OUR WARRANTY.

Recommended Wrenching on Brass Valves and Fittings

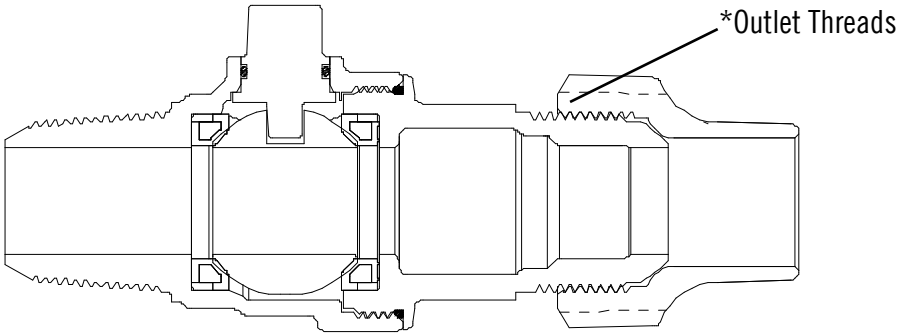

Do NOT use a pipe wrench with serrated jaws


Use a wrench with smooth jaws

Drilling Machine Adapters

Maximum Size Drills to be used with A.Y. McDonald Corporation Stops - **Per AWWA C-800 Table 1**

CORPORATION SIZE	1/2"	5/8"	5/8" x 3/4"	3/4"	3/4" x 1"	1"	1 1/4"	1 1/2"	2"
Corp Stop with AWWA Thread Inlet	7/16"	9/16"	9/16"	11/16"	11/16"	15/16"	1 3/16"	1 7/16"	1 7/8"
Corp Stop with I. P. Thread Inlet	7/16"	--	--	11/16"	11/16"	7/8"	1 1/8"	1 7/16"	1 3/4"



***Threads per AWWA C-800, Table 4**

CORPORATION MODEL / SIZE								OUTLET THREADS*	MUELLER DRILLING MACHINES		ROMAC TAPMATE TOO	HAYS DRILLING MACHINES		FORD DRILLING MODEL 77	REED DRILLING		RIDGID			SIMTAP
									E-4 & E-5	D-4 & D-5		5930	5935		DM1000 & 2000	DMPVC	RT 1000	RT 3422	MLT 3401	
74701-22	5/8 x 3/4	74701B-22	3/4	74704T	3/4	74701G	3/4	3/4" Flare	52019	37902	351-05-506	354-05-506	355-05-506	DMA2-3	08423	04426	83317	76057	92097	116A
74701T	5/8 x 3/4	74701BQ	3/4	74704B-22	3/4	74704G	3/4													
74701-22	3/4	74701BT	3/4	74704BQ	3/4	74701BG	3/4													
74701Q	3/4	74704-22	3/4	74704BT	3/4	74704BG	3/4													
74701T	3/4	74704Q	3/4																	
74701-33	3/4	74701B-55	3/4	74704Q	1	74701-3G	3/4	1" Flare	36750	37903	351-05-508	354-05-508	355-05-508	DMA2-4	08424	04427	83322	76067	92012	117A
74701-3Q	3/4	74701B-22	3/4 x 1	74704T	3/4 x 1	74704-3G	3/4													
74701-44	3/4	74701B-22	1	74704T	1	74701B-3G	3/4													
74701-55	3/4	74701BQ	1	74704B-33	3/4	74704B-3G	3/4													
74701-22	3/4 x 1	74701BT	3/4 x 1	74704B-3Q	3/4	74701G	1													
74701-22	1	74701BT	1	74704B-44	3/4	74704G	1													
74701Q	1	74704-33	3/4	74704B-55	3/4	74701BG	1													
74701T	3/4 x 1	74704-3Q	3/4	74704B-22	3/4 x 1	74704BG	1													
74701T	1	74704-44	3/4	74704B-22	1															
74701B-33	3/4	74704-55	3/4	74704BQ	1															
74701B-3Q	3/4	74704-22	3/4 x 1	74704BT	3/4 x 1															
74701B-44	3/4	74704-22	1	74704BT	1															
74701-33	1	74701B-44	1	74704-22	1 1/4	74701-3G	1	1 1/4" Flare	45385	37904	351-05-510	354-05-510	355-05-510	DMA2-5	--	--	--	76072	92107	118A
74701-3Q	1	74701B-55	1	74704Q	1 1/4	74704-3G	1													
74701-44	1	74701B-22	1x1 1/4	74704T	1 x 1 1/4	74701B-3G	1													
74701-55	1	74701BQ	1x1 1/4	74704T	1 1/4	74704B-3G	1													
74701-22	1 x 1 1/4	74701BT	1 x 1 1/4	74704B-33	1	74701BG	1 x 1 1/4													
74701-22	1 1/4	74704-33	1	74704B-3Q	1	74701G	1 1/4													
74701Q	1 1/4	74704-3Q	1	74704B-44	1	74704G	1 1/4													
74701T	1 x 1 1/4	74704-44	1	74704B-55	1															
74701T	1 1/4	74704-55	1	74704B-22	1 x 1 1/4															
74701B-33	1	74704-22	1 x 1 1/4	74704BT	1 x 1 1/4															
74701B-3Q	1																			
74701Q	1 1/2	74701T	1 1/2	74704Q	1 1/2	74704G	1 1/2	1 1/2" Special	501949	507644	351-05-712	--	--	DMA4-6-Q	--	--	--	84007	92157	121A
74701BQ	1 1/2	74701B-22	1 1/2	74704BQ	1 1/2	74701BG	1 1/2													
74701-22	1 1/2	74701BT	1 1/2	74701G	1 1/2	74704BG	1 1/2													
74701Q	2	74701B-22	1 1/2 x 2	74704B-22	1 1/2 x 2	74701G	2	2" Special	508199	507645	351-05-716	--	--	DMA4-7-Q	--	--	--	84012	92162	124A
74701BQ	2	74701BT	1 1/2 x 2	74704BT	1 1/2 x 2	74704G	2													
74701-22	2	74704-22	2	74704Q	2	74701BG	2													
74701T	2	74704T	2	74704BQ	2	74704BG	2													
74701B-22	2	74704B-22	2																	
74701BT	2	74704BT	2																	
74701-22FT	1 1/2	74701B-44	1 1/2	74704B-22FT	1 1/2			1 1/2" Flare	501947	37905	351-05-512	--	355-05-512	DMA2-6	08425	--	--	76077	92112	120A
74701TFT	1 1/2	74704-22FT	1 1/2	74704BTFT	1 1/2															
74701B-22FT	1 1/2	74704TFT	1 1/2	74704B-44	1 1/2															
74701BTFT	1 1/2																			
74701B-33	1 1/2	74701BTFT	2	74704-22FT	2			2" Flare	508201	37906	351-06-516	--	355-37	DMA2-7	08426	--	--	76082	92117	123A
74701B-22FT	1 1/2 x 2	74701B-33	2	74704TFT	2															
74701BTFT	1 1/2 x 2	74701B-44	2	74704B-22FT	2															
74701-22WFT	2	74704B-33	1 1/2	74704BTFT	2															
74701TFT	2	74704B-22FT	1 1/2 x 2	74704B-33	2															
74701B-22FT	2	74704BTFT	1 1/2 x 2	74704B-44	2															

Tapping Machine Adapters

CORPORATION MODEL / SIZE						OUTLET THREADS*	MUELLER TAPPING MACHINES			HAYS TAPPING MACH. NO. B-1	REED CDTM1000 & 2000;TM1000	RIDGID MLT3401
							NO. B-100 & B-101	NO. B	NO. A-2 & A-3			
74701-22	5/8 x 3/4			74701G	3/4							
74701T	5/8 x 3/4			74704G	3/4							
74701-22	3/4	74704-22	3/4	74701BG	3/4							
74701Q	3/4	74704Q	3/4	74704BG	3/4	3/4" Flare	680600	680600	680600	353-06-106	98423	92182
74701T	3/4	74704T	3/4									
74701B-22	3/4	74704B-22	3/4									
74701BQ	3/4	74704BQ	3/4									
74701BT	3/4	74704BT	3/4	74701-3G	3/4							
74701-33	3/4	74704-33	3/4	74704-3G	3/4							
74701-3Q	3/4	74704-3Q	3/4	74701B-3G	3/4							
74701-44	3/4	74704-44	3/4	74704B-3G	3/4							
74701-55	3/4	74704-55	3/4	74701G	1							
74701-22	3/4 x 1	74704-22	3/4 x 1	74704G	1							
74701-22	1	74704-22	1	74701BG	1							
74701Q	1	74704Q	1	74704BG	1							
74701T	3/4 x 1	74704T	3/4 x 1									
74701T	1	74704T	1			1" Flare	680601	680601	680601	353-06-108	98424	92187
74701B-33	3/4	74704B-33	3/4									
74701B-3Q	3/4	74704B-3Q	3/4									
74701B-44	3/4	74704B-44	3/4									
74701B-55	3/4	74704B-55	3/4									
74701B-22	3/4 x 1	74704B-22	3/4 x 1									
74701B-22	1	74704B-22	1									
74701BQ	1	74704BQ	1									
74701BT	3/4 x 1	74704BT	3/4 x 1	74701-3G	1							
74701BT	1	74704BT	1	74704-3G	1							
74701-33	1	74704-33	1	74701B-3G	1							
74701-3Q	1	74704-3Q	1	74704B-3G	1							
74701-44	1	74704-44	1	74701BG	1 x 1 1/4							
74701-55	1	74704-55	1	74701G	1 1/4							
74701-22	1 x 1 1/4	74704-22	1 x 1 1/4	74704G	1 1/4							
74701-22	1 1/4	74704-22	1 1/4									
74701Q	1 1/4	74704Q	1 1/4									
74701T	1 x 1 1/4	74704T	1 x 1 1/4			1 1/4" Flare	680602	--	680602	353-06-110	--	--
74701T	1 1/4	74704T	1 1/4									
74701B-33	1	74704B-33	1									
74701B-3Q	1	74704B-3Q	1									
74701B-44	1	74704B-44	1									
74701B-55	1	74704B-55	1									
74701B-22	1 x 1 1/4	74704B-22	1 x 1 1/4									
74701BQ	1x 1 1/4	74704BT	1 x 1 1/4									
74701BT	1 x 1 1/4			74701G	1 1/2							
74701Q	1 1/2	74704Q	1 1/2	74704G	1 1/2							
74701BQ	1 1/2	74704BQ	1 1/2	74701BG	1 1/2							
74701-22	1 1/2	74704-22	1 1/2	74704BG	1 1/2	1 1/2" Special	--	--	680421	--	--	--
74701T	1 1/2	74704T	1 1/2									
74701B-22	1 1/2	74704B-22	1 1/2	74701G	2							
74701BT	1 1/2	74704BT	1 1/2	74704G	2							
74701Q	2	74704Q	2	74701BG	2							
74701BQ	2	74704BQ	2	74704BG	2							
74701-22	2	74704-22	2									
74701T	2	74704T	2			2" Special	--	--	680422	--	--	--
74701B-22	2	74704B-22	2									
74701BT	2	74704BT	2									
74701B-22	1 1/2 x 2	74704B-22	1 1/2 x 2									
74701BT	1 1/2 x 2	74704BT	1 1/2 x 2									
74701-22FT	1 1/2	74704-22FT	1 1/2									
74701TFT	1 1/2	74704TFT	1 1/2									
74701B-22FT	1 1/2	74704B-22FT	1 1/2			1 1/2" Flare	--	--	88640	--	--	--
74701BTFT	1 1/2	74704BTFT	1 1/2									
74701B-44	1 1/2	74704B-44	1 1/2									
74701B-33	1 1/2	74704B-33	1 1/2									
74701B-22FT	1 1/2 x 2	74704B-22FT	1 1/2 x 2									
74701BTFT	1 1/2 x 2	74704BTFT	1 1/2 x 2									
74701-22FT	2	74704-22FT	2									
74701TFT	2	74704TFT	2			2" Flare	--	--	88641	--	--	--
74701B-22FT	2	74704B-22FT	2									
74701BTFT	2	74704BTFT	2									
74701B-33	2	74704B-33	2									
74701B-44	2	74704B-44	2									

Ball Style - AWWA Inlets

A.Y. McDonald Ball Style Corporation Stops come standard with a 360º operating head and are designed for low turning torques and operating pressures up to 300 PSI. The brass ball is coated with PTFE and supported by two blow-out proof EPDM seals. The end piece that holds the ball in the body is sealed with an EPDM O-ring and thread locker. A.Y. McDonald ball valves have no metal-to-metal contact between the ball and the body to cause higher turning torques and increased wear on the ball. The leak proof feature at 300 PSI rating makes these valves a better choice than a plug valve when test or operating pressures exceed 80 PSI.

74701B

AWWA x Flare



Size	Carton PCS/WT	Price
3/4"	15/25	$83.82
3/4" x 1"	15/30	$103.50
1"	15/38	$107.57
1" x 1 1/4" +	10/32	$158.95
1 1/4"	8/38	$243.30
1 1/2"	4/25	$254.68
1 1/2" x 2"	4/32	$353.09
2"	2/20	$444.88

74701B-22

AWWA x -22 CTS



Size	Carton PCS/WT	Price
3/4"	15/23	$86.39
3/4" x 1"	15/27	$106.13
1"	15/34	$113.62
1" x 1 1/4"	10/29	$164.44
1 1/4"	8/33	$243.30
1 1/2"	4/22	$254.68
1 1/2" x 2"	4/30	$309.85
2"	2/16	$421.24

74701B-22FT

AWWA x -22 CTS
with Flared Thread



Size	Carton PCS/WT	Price
1 1/2"	4/23	$254.68
1 1/2" x 2"	4/30	$309.85
2"	2/19	$421.24

74701BG

AWWA x G CTS



Size	Carton PCS/WT	Price
3/4"	15/25	$86.39
3/4" x 1"	15/29	$106.13
1"	15/39	$113.62
1" x 1 1/4"	10/29	$164.44
1 1/4"	8/35	$243.30
1 1/2"	4/23	$254.68
2"	2/16	$421.24

74701BGFT

AWWA x G CTS
with Flared Thread



Size	Carton PCS/WT	Price
1 1/2"	4/23	$254.68
1 1/2" x 2"	4/29	$309.85
2"	2/18	$421.24

74701BQ

AWWA x Q CTS



Size	Carton PCS/WT	Price
3/4"	15/23	$86.39
3/4" x 1"	15/29	$106.13
1"	15/37	$113.62
1" x 1 1/4"	10/29	$164.44
1 1/4"	8/34	$243.30
1 1/2"	4/21	$254.68
1 1/2" x 2"	4/24	$309.85
2"	2/15	$421.24

74701BT

AWWA x T CTS



Size	Carton PCS/WT	Price
3/4"	15/24	$86.39
3/4" x 1"	15/27	$106.13
1"	15/36	$113.62
1" x 1 1/4"	10/31	$164.44
1 1/4"	8/33	$243.30
1 1/2"	4/21	$254.68
1 1/2" x 2"	4/28	$309.85
2"	2/15	$421.24

74701BTFT

AWWA x T CTS
with Flared Thread



Size	Carton PCS/WT	Price
1 1/2"	4/23	$254.68
1 1/2" x 2"	4/28	$309.85
2"	2/18	$421.24

74701B-33

AWWA x -33 PEP-7



Size	Carton PCS/WT	Price
3/4"	15/27	$106.13
3/4" x 1"	15/33	$121.76
1"	10/29	$129.94
1 1/4"	8/38	$286.64
1 1/2"	4/30	$309.85
2"	2/18	$444.88

74701B-34

AWWA x -34 PEP-9



Size	Carton PCS/WT	Price
3/4"	15/27	$106.13
3/4" x 1"	15/33	$121.76
1"	10/29	$129.94
1 1/4"	8/38	$286.64
1 1/2"	4/30	$309.85
2"	2/18	$444.88

74701B-3G

AWWA x -3G PEP



Size	Carton PCS/WT	Price
3/4"	15/27	$106.13
1"	10/31	$129.94

74701B-3Q

AWWA x -3Q PEP



Size	Carton PCS/WT	Price
3/4"	15/28	$106.13
3/4" x 1"	15/33	$121.76
1"	10/29	$129.94

74701B-44

AWWA x -44 PVC



Size	Carton PCS/WT	Price
15/26	$106.13	$106.13
15/33	$121.76	$121.76
10/30	$129.94	$129.94
8/40	$286.64	$286.64
10/42	$217.99	$217.99
4/23	$309.85	$309.85
2/18	$444.88	$444.88

OPTIONS

✛74701B-44, 1" x 1 1/2", AWWA, MNPT x PVC Compression does not meet AWWA C800 envelope requirements. Will not fit in tapping machines.

✛74701B, Size 1" x 1 1/4", AWWA x Flare ONLY does not meet AWWA C800 envelope requirements. Will not fit in tapping machines.

Ball Style - MNPT Inlets

A.Y. McDonald Ball Style Corporation Stops come standard with a 360º operating head and are designed for low turning torques and operating pressures up to 300 PSI. The brass ball is coated with PTFE and supported by two blow-out proof EPDM seals. The end piece that holds the ball in the body is sealed with an EPDM O-ring and thread locker. A.Y. McDonald ball valves have no metal-to-metal contact between the ball and the body to cause higher turning torques and increased wear on the ball. The leak proof feature at 300 PSI rating makes these valves a better choice than a plug valve when test or operating pressures exceed 80 PSI.

74704B
MNPT x Flare



Size	Carton PCS/WT	Price
3/4"	15/24	$83.82
3/4" x 1"	15/28	$103.50
1"	15/36	$107.57
1" x 1 1/4" +	15/48	$158.95
1 1/4"	8/36	$243.30
1 1/2"	4/24	$254.68
1 1/2" x 2"	4/32	$353.09
2"	2/19	$444.88

74704B-22
MNPT x -22 CTS



Size	Carton PCS/WT	Price
3/4"	15/21	$86.39
3/4" x 1"	15/25	$106.13
1"	15/35	$113.62
1" x 1 1/4"	15/43	$164.44
1 1/4"	8/32	$243.30
1 1/2"	4/20	$254.68
1 1/2" x 2"	4/34	$309.85
2"	2/15	$421.24

74704B-22FT
MNPT x -22 CTS
with Flared Thread



Size	Carton PCS/WT	Price
1 1/2"	4/23	$254.68
1 1/2" x 2"	4/28	$309.85
2"	2/19	$421.24

74704BG
MNPT x G CTS



Size	Carton PCS/WT	Price
3/4"	15/23	$86.39
3/4" x 1"	15/28	$106.13
1"	15/38	$113.62
1" x 1 1/4"	15/43	$164.44
1 1/4"	8/34	$243.30
1 1/2"	4/21	$254.68
2"	2/16	$421.24

74704BGFT
MNPT x G CTS
with Flared Thread



Size	Carton PCS/WT	Price
1 1/2"	4/22	$254.68
1 1/2" x 2"	4/34	$309.85
2"	2/17	$421.24

74704BQ
MNPT x Q CTS



Size	Carton PCS/WT	Price
3/4"	15/23	$86.39
3/4" x 1"	15/28	$106.13
1"	15/37	$113.62
1" x 1 1/4"	15/44	$164.44
1 1/4"	8/32	$243.30
1 1/2"	4/20	$254.68
1 1/2" x 2"	4/24	$309.85
2"	2/15	$421.24

74704BT
MNPT x T CTS



Size	Carton PCS/WT	Price
3/4"	15/22	$86.39
3/4" x 1"	15/31	$106.13
1"	15/36	$113.62
1" x 1 1/4"	15/44	$164.44
1 1/4"	8/32	$243.30
1 1/2"	4/21	$254.68
1 1/2" x 2"	4/35	$309.85
2"	2/14	$421.24

74704BTFT
MNPT x T CTS
with Flared Thread



Size	Carton PCS/WT	Price
1 1/2"	4/21	$254.68
1 1/2" x 2"	4/32	$309.85
2"	2/17	$421.24

74704B-33
MNPT x -33 PEP-7



Size	Carton PCS/WT	Price
3/4"	15/25	$106.13
3/4" x 1"	15/31	$121.76
1"	10/29	$129.94
1 1/4"	8/37	$286.64
1 1/2"	4/29	$309.85
2"	2/18	$444.88

74704B-34
MNPT x -34 PEP-9



Size	Carton PCS/WT	Price
3/4"	15/25	$106.13
3/4" x 1"	15/31	$121.76
1"	10/29	$129.94
1 1/4"	8/37	$286.64
1 1/2"	4/29	$309.85
2"	2/18	$444.88

74704B-3G
MNPT x -3G PEP



Size	Carton PCS/WT	Price
3/4"	15/28	$106.13
1"	10/30	$129.94

74704B-3Q
MNPT x -3Q PEP



Size	Carton PCS/WT	Price
3/4"	15/27	$106.13
3/4" x 1"	15/31	$121.76
1"	10/29	$129.94

74704B-44
MNPT x -44 PVC



Size	Carton PCS/WT	Price
3/4"	15/26	$106.13
3/4" x 1"	15/32	$121.76
1"	10/30	$129.94
1 1/4"	8/40	$286.64
1" x 1 1/2" +	10/39	$217.99
1 1/2"	4/21	$309.85
2"	2/17	$444.88

OPTIONS

+74704B-44, 1" x 1 1/2", AWWA, MNPT x PVC Compression does not meet AWWA C800 envelope requirements. Will not fit in tapping machines.

+74704B, Size 1" x 1 1/4", AWWA x Flare ONLY does not meet AWWA C800 envelope requirements. Will not fit in tapping machines.

Ball Style Curb / Corps with Removable Tee Heads



AWWA INLETS

A.Y. McDonald Ball Style Corporation Stops come standard with a 360º operating head and are designed for low turning torques and operating pressures up to 300 PSI. The brass ball is coated with PTFE and supported by two blow-out proof EPDM seals. The end piece that holds the ball in the body is sealed with an EPDM O-ring and thread locker. A.Y. McDonald ball valves have no metal-to-metal contact between the ball and the body to cause higher turning torques and increased wear on the ball. The leak proof feature at 300 PSI rating makes these valves a better choice than a plug valve when test or operating pressures exceed 80 PSI.

For use in applications requiring a corp stop, but with a tee head for use with a shut off rod. Meets AWWA C-800 envelope requirements by removing operating head via 9/64 hex head stainless steel set screw.

73121BCAP
AWWA x Increasing MNPT Thread

Size	Carton PCS/WT	Price
1 1/2”	4/20	$260.23
2"	2/15	$425.00

NOTE: With internal drive thread

74101BCAPF
AWWA x FNPT



Size	Carton PCS/WT	Price
3/4"	15/22	$89.91
1"	15/33	$114.67
1 1/4”	8/28	$251.00
1 1/2”	4/20	$265.37
2"	2/14	$417.51

74101BCAPP
AWWA x MNPT



Size	Carton PCS/WT	Price
3/4”	15/22	$93.42
1"	15/34	$117.75
1 1/4”	8/28	$241.48
1 1/2”	4/20	$252.68
2"	2/14	$417.51

74101BCAP
AWWA x Flare



Size	Carton PCS/WT	Price
3/4"	15/31	$102.77
1"	15/42	$126.53
1 1/4”	8/40	$262.25
1 1/2”	4/26	$273.63
2”	2/17	$463.83

74101BCAP-22
AWWA x -22 CTS



Size	Carton PCS/WT	Price
3/4"	15/27	$105.34
1"	15/42	$132.57
1 1/4”	8/40	$262.25
1 1/2”	4/26	$273.63
1 1/2” x 2”	4/27	$328.80
2"	2/17	$440.19

74101BCAP-22FT
AWWA x -22 CTS with Flared Thread



Size	Carton PCS/WT	Price
1 1/2”	4/24	$273.63
1 1/2” x 2”	4/31	$328.80
2"	2/19	$440.19

74101BCAPG
AWWA x G CTS



Size	Carton PCS/WT	Price
3/4"	15/27	$105.34
1”	15/42	$132.57
1 1/4”	8/40	$262.25
1 1/2”	4/26	$273.63
1 1/2” x 2”	4/27	$328.80
2”	2/17	$440.19

74101BCAPQ
AWWA x Q CTS



Size	Carton PCS/WT	Price
3/4"	15/29	$105.34
1"	15/42	$132.57
1 1/4”	8/40	$262.25
1 1/2"	4/21	$273.63
1 1/2" x 2"	4/26	$328.80
2"	2/15	$440.19

74101BCAPT
AWWA x T CTS



Size	Carton PCS/WT	Price
3/4"	15/28	$105.34
1"	15/40	$132.57
1 1/4”	8/40	$262.25
1 1/2"	4/26	$273.63
1 1/2" x 2"	4/27	$328.80
2"	2/17	$440.19

74101BCAPTFT
AWWA x T CTS with Flared Thread



Size	Carton PCS/WT	Price
1 1/2”	4/26	$273.63
1 1/2" x 2"	4/27	$328.80
2"	2/17	$440.19

74101BCAP-33
AWWA x -33 PEP-7



Size	Carton PCS/WT	Price
3/4”	15/28	$125.08
1”	15/40	$148.89
1 1/4”	8/40	$305.59
1 1/2”	4/26	$328.80
2"	2/20	$463.83

74101BCAP-3G
AWWA x -3G PEP



Size	Carton PCS/WT	Price
3/4”	15/28	$125.08
1”	15/40	$148.89

74101BCAP-3Q
AWWA x -3Q PEP



Size	Carton PCS/WT	Price
3/4”	15/28	$125.08
1”	15/40	$148.89

74101BCAP-44
AWWA x -44 PVC



Size	Carton PCS/WT	Price
3/4”	15/28	$125.08
1”	15/45	$148.89
1 1/4”	8/40	$305.59
1 1/2”	4/26	$328.80
2"	2/20	$463.83

Ball Style Curb / Corps with Removable Tee Heads

MNPT INLETS

A.Y. McDonald Ball Style Corporation Stops come standard with a 360º operating head and are designed for low turning torques and operating pressures up to 300 PSI. The brass ball is coated with PTFE and supported by two blow-out proof EPDM seals. The end piece that holds the ball in the body is sealed with an EPDM O-ring and thread locker. A.Y. McDonald ball valves have no metal-to-metal contact between the ball and the body to cause higher turning torques and increased wear on the ball. The leak proof feature at 300 PSI rating makes these valves a better choice than a plug valve when test or operating pressures exceed 80 PSI.

For use in applications requiring a corp stop inlet thread, but with a tee head for use with a shut off rod. Meets AWWA C-800 envelope requirements by removing operating head via 9/64 hex head set stainless steel screw.

74104BCAPF
MNPT x FNPT



Size	Carton PCS/WT	Price
3/4"	15/21	$89.91
1"	15/31	$114.67
1 1/4"	8/30	$251.00
1 1/2"	4/18	$265.37
2"	2/12	$417.51

74104BCAPP
MNPT x MNPT



Size	Carton PCS/WT	Price
3/4"	15/22	$93.42
1"	15/33	$117.75
1 1/4"	8/28	$241.48
1 1/2"	4/18	$252.68
2"	2/13	$417.51

74104BCAP
MNPT x Flare



Size	Carton PCS/WT	Price
3/4"	15/30	$102.77
1"	15/42	$126.53
1 1/4"	8/40	$262.25
1 1/2"	4/26	$273.63
2"	2/17	$463.83

74104BCAP-22
MNPT x -22 CTS



Size	Carton PCS/WT	Price
3/4"	15/26	$105.34
1"	15/40	$132.57
1 1/4"	8/40	$262.25
1 1/2"	4/22	$273.63
1 1/2" x 2"	4/27	$328.80
2"	2/17	$440.19

74104BCAP-22FT
MNPT x -22 CTS
with Flared Thread



Size	Carton PCS/WT	Price
1 1/2"	4/24	$281.25
1 1/2" x 2"	4/27	$328.80
2"	2/18	$440.19

74104BCAPG
MNPT x G CTS



Size	Carton PCS/WT	Price
3/4"	15/26	$105.34
1"	15/42	$132.57
1 1/4"	8/40	$262.25
1 1/2"	4/22	$273.63
1 1/2" x 2"	4/27	$328.80
2"	2/15	$440.19

74104BCAPQ
MNPT x Q CTS



Size	Carton PCS/WT	Price
3/4"	15/28	$105.34
1"	15/40	$132.57
1 1/4"	8/40	$262.25
1 1/2"	4/21	$281.25
1 1/2" x 2"	4/27	$328.80
2"	2/15	$440.19

74104BCAPT
MNPT x T CTS



Size	Carton PCS/WT	Price
3/4"	15/23	$105.34
1"	15/41	$132.57
1 1/4"	8/40	$262.25
1 1/2"	4/23	$281.25
1 1/2" x 2"	4/27	$328.80
2"	2/14	$440.19

74104BCAPTFT
MNPT x T CTS
with Flared Thread



Size	Carton PCS/WT	Price
1 1/2"	4/23	$281.25
1 1/2" x 2"	4/27	$328.80
2"	2/17	$440.19

74104BCAP-3G
MNPT x -3G PEP



Size	Carton PCS/WT	Price
3/4"	15/28	$125.08
1"	15/40	$148.89

74104BCAP-3Q
MNPT x -3Q PEP



Size	Carton PCS/WT	Price
3/4"	15/28	$125.08
1"	15/40	$148.89

74104BCAP-33
MNPT x -33 PEP-7



Size	Carton PCS/WT	Price
3/4"	15/31	$125.08
1"	10/32	$148.89
1 1/4"	8/40	$305.59
1 1/2"	4/26	$328.80
2"	2/18	$463.83

74104BCAP-44
MNPT x -44 PVC



Size	Carton PCS/WT	Price
3/4"	15/28	$125.08
1"	10/32	$148.89
1 1/4"	8/40	$305.59
1 1/2"	4/24	$328.80
2"	2/19	$463.83

4100CAP
Cap & Screw



Size	Carton PCS/WT	Price
3/4"	25/8	$18.95
1"	25/9	$18.95
1 1/4" - 2"	25/8	$18.95

Ball Style Curb / Corps with Non-Removable Tee Heads

AWWA INLETS

A.Y. McDonald Ball Style Corporation Stops with Non-Removable Tee Heads come standard with a 90º operating head and are designed for low turning torques and operating pressures up to 300 PSI. The brass ball is coated with PTFE and supported by two blow-out proof EPDM seals. The end piece that holds the ball in the body is sealed with an EPDM O-ring and thread locker. A.Y. McDonald ball valves have no metal-to-metal contact between the ball and the body to cause higher turning torques and increased wear on the ball. The leak proof feature at 300 PSI rating makes these valves a better choice than a plug valve when test or operating pressures exceed 80 PSI.

- All A.Y. McDonald Ball Style Corporation Stops with Non-Removable Tee Heads are available with a wide variety of outlet connections.
- Each A.Y. McDonald Ball Style Corporation Stop with Non-Removable Tee Heads is pressure tested prior to packaging.
- Assembly is shipped with a color coded inlet thread protector - Green for AWWA/CC threads, Yellow for AWWA MNPT.
- A.Y. McDonald 3/4" and 1" "G", "H", "K", "Q", "T", "-22" and 1 1/4" "Q" series compression and flare outlets use the same female screw plug. The 1 1/2" and 2" "G", "Q", "T" and "-22" Series use special female screw plugs.
- A. Y. McDonald 3/4" and 1" "-3G", "-3Q", "-33", "-34", "-44", "-55", and 1 1/2" "-33" are one size larger thread. Example: 3/4" "-33" is 1" AWWA flare nut thread. See charts pages 78-79.
- Insert stiffeners are required for use in all PE applications.

74101BF
AWWA x FNPT



Size	Carton PCS/WT	Price
3/4"	15/23	$95.23

74101BG
AWWA x G CTS



Size	Carton PCS/WT	Price
3/4"	15/28	$110.66
1"	10/31	$137.90
1 1/2"	3/21	$281.25
2"	3/33	$447.68

74101BTFT
AWWA x T CTS



Size	Carton PCS/WT	Price
1 1/2"	3/17	$281.25
2"	3/31	$447.68

74101B
AWWA x Flare



Size	Carton PCS/WT	Price
3/4"	15/30	$108.06

74101BQ
AWWA x Q CTS



Size	Carton PCS/WT	Price
3/4"	15/29	$110.66
1"	10/31	$137.90
1 1/2"	3/17	$281.25
2"	3/33	$447.68

74101B-33
AWWA x -33 PEP-7



Size	Carton PCS/WT	Price
2"	2/20	$471.39

74101B-22
AWWA x -22 CTS



Size	Carton PCS/WT	Price
3/4"	15/28	$110.66
1"	10/28	$137.90
1 1/2"	3/21	$281.25
2"	3/33	$447.68

74101BT
AWWA x T CTS



Size	Carton PCS/WT	Price
3/4"	15/29	$110.66
1"	10/29	$137.90
1 1/2"	3/17	$281.25
2"	3/27	$447.68

74101B-3Q
AWWA x -3Q PEP



Size	Carton PCS/WT	Price
1"	10/35	$154.18

74101B-22FT
AWWA x -22 CTS



Size	Carton PCS/WT	Price
1 1/2"	3/20	$281.25
2"	3/32	$447.68

74104B-44
AWWA x -44 PVC



Size	Carton PCS/WT	Price
2"	3/32	$471.39

Ball Style Curb / Corps with Non-Removable Tee Heads

MNPT INLETS

A.Y. McDonald Ball Style Corporation Stops with Non-Removable Tee Heads come standard with a 90º operating head and are designed for low turning torques and operating pressures up to 300 PSI. The brass ball is coated with PTFE and supported by two blow-out proof EPDM seals. The end piece that holds the ball in the body is sealed with an EPDM O-ring and thread locker. A.Y. McDonald ball valves have no metal-to-metal contact between the ball and the body to cause higher turning torques and increased wear on the ball. The leak proof feature at 300 PSI rating makes these valves a better choice than a plug valve when test or operating pressures exceed 80 PSI.

- All A.Y. McDonald Ball Style Corporation Stops with Non-Removable Tee Heads are available with a wide variety of outlet connections.
- Each A.Y. McDonald Ball Style Corporation Stop with Non-Removable Tee Heads is pressure tested prior to packaging.
- Assembly is shipped with a color coded inlet thread protector - Green for AWWA/CC threads, Yellow for AWWA MNPT.
- A.Y. McDonald 3/4" and 1" "G", "H", "K", "Q", "T", "-22" and 1 1/4" "Q" series compression and flare outlets use the same female screw plug. The 1 1/2" and 2" "G", "Q", "T" and "-22" Series use special female screw plugs.
- A. Y. McDonald 3/4" and 1" "-3G", "-3Q", "-33", "-34", "-44", "-55", and 1 1/2" "-33" are one size larger thread. Example: 3/4" "-33" is 1" AWWA flare nut thread. See charts pages 78-79.
- Insert stiffeners are required for use in all PE applications.

74104BF
MNPT x FNPT



Size	Carton PCS/WT	Price
3/4"	15/21	$95.23
1"	10/23	$119.92
1 1/2"	3/15	$272.95
2"	3/21	$425.11

74104BQ
MNPT x Q CTS



Size	Carton PCS/WT	Price
3/4"	15/29	$110.66
1"	10/29	$137.90
1 1/2"	3/18	$281.25
2"	3/24	$447.68

74104B-33
MNPT x -33 PEP-7



Size	Carton PCS/WT	Price
3/4"	15/32	$130.37
1"	10/35	$154.22

74104BP
MNPT x MNPT



Size	Carton PCS/WT	Price
3/4"	15/24	$98.75
1"	10/24	$123.02
1 1/2"	3/15	$260.27
2"	3/23	$425.11

74104BT
MNPT x T CTS



Size	Carton PCS/WT	Price
3/4"	15/27	$110.66
1"	10/29	$137.90
1 1/2"	3/19	$281.25
2"	3/31	$447.68

74104B-3Q
MNPT x -3Q PEP



Size	Carton PCS/WT	Price
1"	10/34	$154.22

74104B-22
MNPT x -22 CTS



Size	Carton PCS/WT	Price
3/4"	15/27	$110.66
1"	10/27	$137.90
1 1/2"	3/18	$281.25
2"	3/25	$447.68

74104BTFT
MNPT x T CTS
with Flared Thread



Size	Carton PCS/WT	Price
1 1/2"	3/18	$281.25
2"	3/26	$447.68

74104B-44
MNPT x -44 PVC



Size	Carton PCS/WT	Price
3/4"	15/32	$130.37
1 1/2"	3/18	$336.41
2"	3/29	$471.39

74104B-22FT
MNPT x -22 CTS
with Flared Thread



Size	Carton PCS/WT	Price
1 1/2"	3/19	$281.25
2"	3/30	$447.68

Ball Style - Threaded Outlets

A.Y. McDonald Ball Style Corporation Stops come standard with a 360º operating head and are designed for low turning torques and operating pressures up to 300 PSI. The brass ball is coated with PTFE and supported by two blow-out proof EPDM seals. The end piece that holds the ball in the body is sealed with an EPDM O-ring and thread locker. A.Y. McDonald ball valves have no metal-to-metal contact between the ball and the body to cause higher turning torques and increased wear on the ball. The leak proof feature at 300 PSI rating makes these valves a better choice than a plug valve when test or operating pressures exceed 80 PSI.

AWWA INLETS



73120B
AWWA x Special Purpose Thread

Size	Carton PCS/WT	Price
3/4"	25/34	$70.05
1"	15/31	$103.92

NOTE: 73120B outlet has internal drive thread
End connections are found on pages 91-93



73128B
AWWA x MNPT

Size	Carton PCS/WT	Price
3/4"	15/18	$74.47
1"	15/29	$98.80
1 1/4"	8/28	$222.53
1 1/2"	4/19	$233.73
2"	2/13	$398.56



73148B
AWWA x FNPT

Size	Carton PCS/WT	Price
3/4"	15/17	$70.96
1"	15/27	$95.72
1 1/4"	8/27	$232.05
1 1/2"	4/17	$246.43
1 1/2" x 2"	4/26	$284.26
2"	2/14	$398.56



73121B
AWWA x Increase MNPT Thread

Inlet	Outlet	Carton PCS/WT	Price
3/4"	1"	25/33	$83.65
1"	1 1/4"	15/30	$105.82
1 1/4"	1 1/2"	8/32	$229.72
1 1/2"	2"	4/19	$233.73
2"	2 1/2"	2/15	$398.56

NOTE: 73121B outlet has internal drive thread

MNPT INLETS



73122B
MNPT x Increase MNPT Thread

Inlet	Outlet	Carton PCS/WT	Price
3/4"	1"	25/32	$83.65
1"	1 1/4"	15/31	$105.82
1 1/4"	1 1/2"	8/30	$229.72
1 1/2"	2"	4/20	$233.73
2"	2 1/2"	2/14	$398.56

NOTE: 73122B outlet has internal drive thread



73131B
MNPT x MNPT

Size	Carton PCS/WT	Price
3/4"	15/18	$74.47
1"	15/28	$98.80
1 1/4"	8/27	$222.53
1 1/2"	4/18	$233.73
2"	2/13	$398.56



73149B
MNPT x FNPT

Size	Carton PCS/WT	Price
3/4"	15/16	$70.96
1"	15/27	$95.72
1 1/4"	8/26	$232.05
1 1/2"	4/17	$246.43
1 1/2" x 2"	4/25	$284.26
2"	2/12	$398.56

Ball Style with Dielectric Bushings

A.Y. McDonald Ball Style Corporation Stops with Dielectric Bushings come standard with a 360º operating head and are designed for low turning torques and operating pressures up to 300 PSI. The brass ball is coated with PTFE and supported by two blow-out proof EPDM seals. The end piece that holds the ball in the body is sealed with an EPDM O-ring and thread locker. A.Y. McDonald ball valves have no metal-to-metal contact between the ball and the body to cause higher turning torques and increased wear on the ball. The leak proof feature at 300 PSI rating makes these valves a better choice than a plug valve when test or operating pressures exceed 80 PSI.

- All A.Y. McDonald Ball Style Corporation Stops with Dielectric Bushings are available with a wide variety of outlet connections.
- Each A.Y. McDonald Ball Style Corporation Stop with Dielectric Bushing is pressure tested prior to packaging.
- Assembly is shipped with a color coded inlet thread protector - Green for AWWA/CC threads, Yellow for AWWA MNPT.
- A.Y. McDonald 3/4" and 1" "G", "H", "K", "Q", "T", "-22" and 1 1/4" "Q" series compression and flare outlets use the same female screw plug. The 1 1/2" and 2" "G"," Q", "T", and "-22" Series use special female screw plugs.
- A. Y. McDonald 3/4" and 1" "-3G", "-3Q", "-33", "-34", "-44", "-55", and 1 1/2" "-33" are one size larger thread. Example: 3/4" "-33" is 1" AWWA flare nut thread. See charts pages 78-79.
- Insert stiffeners are required for use in all PE applications.

AWWA INLETS

74701BDB
AWWA x Flare



Size	Carton PCS/WT	Price
3/4"	15/30	$128.22
1"	10/32	$192.63
1 1/2"	4/27	$433.48
2"	2/24	$717.81

74701BDBG
AWWA x G CTS



Size	Carton PCS/WT	Price
3/4"	15/30	$130.38
1"	10/28	$184.04
1 1/2"	4/27	$433.48
2"	2/15	$717.81

74701BDBT
AWWA x T CTS



Size	Carton PCS/WT	Price
3/4"	15/29	$130.38
1"	10/29	$184.04
1 1/2"	4/27	$433.48
2"	2/19	$717.81

74701BDB-22
AWWA x -22 CTS



Size	Carton PCS/WT	Price
3/4"	15/30	$130.38
1"	10/28	$184.04
1 1/2"	4/27	$433.48
2"	2/15	$717.81

74701BDBQ
AWWA x Q CTS



Size	Carton PCS/WT	Price
3/4"	15/29	$130.38
1"	10/29	$184.04
1 1/2"	4/27	$433.48
2"	2/19	$717.81

73128BDB
AWWA x T CTS

Size	Carton PCS/WT	Price
2"	2/17	$594.13

MNPT INLETS

74704BDB
MNPT x Flare



Size	Carton PCS/WT	Price
3/4"	15/30	$128.22
1"	10/28	$192.63
1 1/2"	4/27	$433.48
2"	2/15	$717.81

74704BDBG
MNPT x G CTS



Size	Carton PCS/WT	Price
3/4"	15/29	$130.38
1"	10/27	$184.04
1 1/2"	4/30	$433.48
2"	2/20	$717.81

74704BDBT
MNPT x T CTS



Size	Carton PCS/WT	Price
3/4"	15/29	$130.38
1"	10/27	$184.04
1 1/2"	4/30	$433.48
2"	2/22	$717.81

74704BDB-22
MNPT x -22 CTS



Size	Carton PCS/WT	Price
3/4"	15/29	$130.38
1"	10/27	$184.04
1 1/2"	4/30	$433.48
2"	2/20	$717.81

74704BDBQ
MNPT x Q CTS



Size	Carton PCS/WT	Price
3/4"	15/30	$130.38
1"	10/28	$184.04
1 1/2"	4/25	$433.48
2"	2/18	$717.81

Plug Style - AWWA Inlets

A.Y. McDonald Plug Style Corporation Stops come standard with a 360º operating head. The one piece body and plug are precision machined to assure a perfect match between the plug and the body to allow operating pressures of 100 PSI on 1/2", 3/4" and 1" valves and 80 PSI on 1 1/4", 1 1/2" and 2" valves. This same machining precision carries over to the threads to assure A.Y. McDonald's high quality and compatibility with direct taps and saddle applications.

74701

AWWA x Flare



Size	Carton PCS/WT	Price
1/2"	25/25	$40.62
5/8" x 3/4"	25/39	$52.03
3/4"	25/47	$54.32
3/4" x 1"	20/44	$67.36
1"	15/44	$83.02
1 1/4"	5/27	$251.86
1 1/2"	5/45	$334.87
1 1/2" x 2"	3/34	$395.04
2"	2/34	$459.97

74701-22

AWWA x -22 CTS



Size	Carton PCS/WT	Price
1/2"	25/26	$49.03
5/8" x 3/4"	25/34	$56.04
3/4"	25/41	$58.41
3/4" x 1"	25/47	$74.30
1"	15/39	$88.35
1" x 1 1/4"	10/31	$138.52
1 1/4"	5/25	$284.26
1 1/2"	5/40	$413.61
2"	2/28	$635.23

74701-22FT

AWWA x -22 CTS
with Flared Thread



Size	Carton PCS/WT	Price
1 1/2"	5/44	$413.61
2"	2/29	$635.23

74701G

AWWA x G CTS



Size	Carton PCS/WT	Price
5/8" x 3/4"	25/38	$56.04
3/4"	25/45	$58.41
3/4" x 1"	25/47	$74.30
1"	15/42	$88.35
1 1/4"	5/26	$284.26
1 1/2"	5/43	$413.61
2"	2/28	$635.23

74701GFT

AWWA x G CTS
with Flared Thread



Size	Carton PCS/WT	Price
1 1/2"	5/45	$413.61
2"	2/29	$635.23

74701Q

AWWA x Q CTS



Size	Carton PCS/WT	Price
3/4"	25/43	$58.41
3/4"x 1"	25/50	$74.30
3/4" x 1 1/4"	15/36	$96.49
1"	15/41	$88.35
1 1/4"	5/25	$284.26
1 1/2"	5/39	$413.61
2"	2/27	$635.23

74701T

AWWA x T CTS



Size	Carton PCS/WT	Price
5/8" x 3/4"	25/37	$56.04
3/4"	25/42	$58.41
3/4"x 1"	25/47	$74.30
1"	15/41	$88.35
1" x 1 1/4"	15/36	$96.49
1 1/4"	5/25	$284.26
1 1/2"	5/38	$413.61
2"	2/27	$635.23

74701TFT

AWWA x T CTS
with Flared Thread



Size	Carton PCS/WT	Price
1 1/2"	5/42	$413.61
2"	2/29	$635.23

74701-33

AWWA x -33 PEP-7



Size	Carton PCS/WT	Price
3/4"	25/48	$72.49
3/4" x 1"	15/36	$96.49
1"	10/30	$122.06

74701-34

AWWA x -34 PEP-9



Size	Carton PCS/WT	Price
3/4"	25/48	$72.49
3/4" x 1"	15/36	$96.49
1"	10/30	$122.06

74701-3G

AWWA x -3G PEP



Size	Carton PCS/WT	Price
3/4"	25/52	$72.49
1"	10/32	$122.06

74701-3Q

AWWA x -3Q PEP



Size	Carton PCS/WT	Price
3/4"	25/51	$72.49
3/4" x 1"	15/36	$96.49
1"	10/32	$122.06

74701-44

AWWA x- 44 PVC



Size	Carton PCS/WT	Price
3/4"	25/48	$72.49
3/4" x 1"	15/35	$96.49
1"	10/30	$122.06

Plug Style - MNPT Inlets

A.Y. McDonald Plug Style Corporation Stops come standard with a 360º operating head. The one piece body and plug are precision machined to assure a perfect match between the plug and the body to allow operating pressures of 100 PSI on 1/2", 3/4" and 1" valves and 80 PSI on 1 1/4", 1 1/2" and 2" valves. This same machining precision carries over to the threads to assure A.Y. McDonald's high quality and compatibility with direct taps and saddle applications.

74704

MNPT x Flare



Size	Carton PCS/WT	Price
1/2"	25/26	$40.62
3/4"	25/44	$54.32
3/4" x 1"	25/48	$67.36
1"	15/42	$83.02
1 1/4"	5/28	$251.86
1 1/2"	5/44	$334.87
2"	2/32	$459.97

74704-22

MNPT x -22 CTS



Size	Carton PCS/WT	Price
1/2"	25/25	$49.03
5/8" x 3/4"	25/34	$56.04
3/4"	25/40	$58.41
3/4" x 1"	25/45	$74.30
1"	15/37	$88.35
1" x 1 1/4"	10/31	$138.52
1 1/4"	5/24	$284.26
1 1/2"	5/39	$413.61
2"	2/27	$635.23

74704-22FT

MNPT x -22 CTS with Flared Thread



Size	Carton PCS/WT	Price
1 1/2"	5/43	$413.61
2"	2/28	$635.23

74704G

MNPT x G CTS



Size	Carton PCS/WT	Price
3/4"	25/43	$58.41
3/4" x 1"	25/50	$74.30
1"	15/41	$88.35
1 1/4"	5/24	$284.26
1 1/2"	5/39	$413.61
2"	2/27	$635.23

74704GFT

MNPT x G CTS with Flared Thread



Size	Carton PCS/WT	Price
1 1/2"	5/44	$413.61
2"	2/29	$635.23

74704Q

MNPT x Q CTS



Size	Carton PCS/WT	Price
3/4"	25/40	$58.41
3/4" x 1"	25/48	$74.30
3/4" x 1 1/4"	15/36	$96.49
1"	15/40	$88.35
1 1/4"	5/26	$284.26
1 1/2"	5/38	$413.61
2"	2/26	$635.23

74704T

MNPT x T CTS



Size	Carton PCS/WT	Price
5/8" x 3/4"	25/34	$56.04
3/4"	25/41	$58.41
3/4"x 1"	25/47	$74.30
1"	15/39	$88.35
1" x 1 1/4"	10/31	$138.52
1 1/4"	5/24	$284.26
1 1/2"	5/36	$413.61
2"	2/26	$635.23

74704TFT

MNPT x T CTS with Flared Thread



Size	Carton PCS/WT	Price
1 1/2"	5/41	$413.61
2"	2/26	$635.23



OPTIONS

Pito Tube Corp (PITO) - 74701PITO, 74704PITO 3/4", 1" and 74701PITO-44, 74704PITO-44 1" do not meet AWWA C800 envelope requirements. Will not fit in tapping machines.

Contact factory for ordering Pito Tube Corporations.

74704-33

MNPT x -33 PEP-7



Size	Carton PCS/WT	Price
3/4"	25/48	$72.49
3/4" x 1"	15/34	$96.49
1"	10/30	$122.06

74704-34

MNPT x -34 PEP-9



Size	Carton PCS/WT	Price
3/4"	25/48	$72.49
3/4" x 1"	15/34	$96.49
1"	10/30	$122.06

74704-3G

MNPT x -3G PEP



Size	Carton PCS/WT	Price
3/4"	25/52	$72.49
1"	10/31	$122.06

74704-3Q

MNPT x -3Q PEP



Size	Carton PCS/WT	Price
3/4"	25/49	$72.49
3/4" x 1"	15/34	$96.49
1"	10/31	$122.06

74704-44

MNPT x -44 PVC



Size	Carton PCS/WT	Price
3/4"	25/47	$72.49
3/4" x 1"	15/34	$96.49
1"	10/30	$122.06

Plug Style - Threaded Outlets

A.Y. McDonald Plug Style Corporation Stops come standard with a 360º operating head. The one piece body and plug are precision machined to assure a perfect match between the plug and the body to allow operating pressures of 100 PSI on 1/2", 3/4" and 1" valves and 80 PSI on 1 1/4", 1 1/2" and 2" valves. This same machining precision carries over to the threads to assure A.Y. McDonald's high quality and compatibility with direct taps and saddle applications.

AWWA INLETS



73121
AWWA x Increase MNPT Thread

Inlet	Outlet	Carton PCS/WT	Price
1/2"	3/4"	25/21	$40.62
5/8"	3/4"	25/29	$47.39
3/4"	1"	25/38	$51.33
1"	1 1/4"	15/35	$77.56
1 1/4"	1 1/2"	5/23	$203.48
1 1/2"	2"	5/38	$289.37
2"	2 1/2"	2/25	$418.00

NOTE: 73121 outlet has internal drive thread



73128
AWWA x MNPT

Size	Carton PCS/WT	Price
3/4"	25/35	$51.33
1"	20/44	$77.56
1 1/4"	10/41	$212.21



73148
AWWA x FNPT (with wrench hex)

Size	Carton PCS/WT	Price
3/4"	25/36	$59.82
1"	20/47	$87.01



73120
AWWA x Special Purpose Thread

Size	Carton PCS/WT	Price
5/8"	25/29	$68.83
3/4"	25/38	$51.33
1"	15/35	$76.14

NOTE: 73120 outlet has internal drive thread
End connections are found on pages 91-93

MNPT INLETS



73122
MNPT x Increase MNPT Thread

Inlet	Outlet	Carton PCS/WT	Price
1/2"	3/4"	25/21	$40.62
3/4"	1"	25/36	$51.33
1"	1 1/4"	15/33	$77.56

NOTE: 73122 outlet has internal drive thread



73149
MNPT x FNPT (with wrench hex)

Size	Carton PCS/WT	Price
3/4"	25/36	$59.82
1"	15/33	$87.01

73152
MNPT x MNPT (with wrench hex)

Size	Carton PCS/WT	Price
3/4"	25/32	$53.80
1"	15/33	$86.15



73131
MNPT x MNPT

Size	Carton PCS/WT	Price
1/2"	25/19	$39.59
3/4"	25/34	$51.33
1"	15/33	$77.56
1 1/4"	5/21	$229.96
1 1/2"	5/33	$270.10
2"	2/23	$412.07

74000 & 74746S

FOR USE WITH 73121, 73121B, 73122, 73122B

74000



Increasing Straight Thread
w/ Gasket Swivel x MNPT

Size	Carton PCS/WT	Price
3/4"	40/24	$46.52
1"	25/22	$55.71
1 1/2"	4/10	$105.59
2"	4/13	$156.32

74746S

Increasing Straight Thread
w/ Gasket Swivel x Flare

Size	Carton PCS/WT	Price
2"	4/31	$364.03

Straight Couplings used with 73120 & 73120B Corp Stops

Straight couplings with inlet end connection threads fitting Special Purpose Thread Outlet Corporation stops utilizing a fiber gasket for a seal. Couplings allow connection from Special Purpose Thread to Flare, FNPT, MNPT or CTS Compression.

74742F



Female Special Purpose x FNPT

Size	Carton PCS/WT	Price
1/2" x 3/4"	50/24	$19.66
5/8" x 3/4"	40/14	$27.14
3/4"	40/16	$25.23
3/4" x 1"	25/13	$22.05
1"	20/12	$43.40

74742-22



Female Special Purpose x -22 CTS

Size	Carton PCS/WT	Price
1/2" x 3/4"	50/30	$34.08
5/8" x 3/4"	40/21	$37.53
3/4"	40/24	$34.11
3/4" x 1"	25/24	$46.39
1"	20/17	$45.79

74742T



Female Special Purpose x T CTS

Size	Carton PCS/WT	Price
1/2" x 3/4"	50/30	$34.08
5/8" x 3/4"	40/22	$37.53
3/4"	40/25	$34.11
3/4" x 1"	25/23	$46.39
1"	20/18	$45.79

74742P



Female Special Purpose x MNPT

Size	Carton PCS/WT	Price
1/2" x 3/4"	50/24	$19.36
3/4" x 1"	25/9	$21.74

74742G



Female Special Purpose x G CTS

Size	Carton PCS/WT	Price
1/2" x 3/4"	50/30	$34.08
5/8" x 3/4"	40/26	$37.53
3/4"	40/29	$36.89
3/4" x 1"	25/24	$46.39
1"	20/21	$49.45

74742CAP



Special Purpose Thread Corp Cap

Size	Carton PCS/WT	Price
3/4"	25/7	$42.81
1"	25/16	$69.24

74742



Female Special Purpose x Flare

Size	Carton PCS/WT	Price
1/2" x 3/4"	50/36	$28.89
5/8" x 3/4"	40/28	$33.10
3/4"	40/28	$31.16
3/4" x 1"	25/27	$43.08
1"	20/24	$53.23

74742Q



Female Special Purpose x Q CTS

Size	Carton PCS/WT	Price
1/2" x 3/4"	50/30	$34.08
5/8" x 3/4"	40/23	$37.53
3/4"	40/25	$36.89
3/4" X 1"	25/24	$46.39
1"	20/19	$49.45

1/8 Bend Couplings used with 73120 & 73120B Corp Stops

FIXED FEMALE SPECIAL PURPOSE

Eighth bend couplings with fixed inlet end connection threads fitting Special Purpose Thread Outlet Corporation stops utilizing a fiber gasket for a seal. Couplings allow connection from Special Purpose Thread to Flare, FNPT or CTS Compression.

74749F

Female Special Purpose x FNPT

Size	Carton PCS/WT	Price
5/8" x 3/4"	40/19	$29.01
3/4"	20/10	$27.17
1"	20/17	$52.34



74749-22

Female Special Purpose x -22 CTS

Size	Carton PCS/WT	Price
1/2" x 3/4"	20/15	$69.10
5/8" x 3/4"	40/27	$38.18
5/8" x 1"	20/25	$76.15
3/4"	20/14	$36.16
3/4" x 1"	20/24	$49.93
1"	20/22	$61.33



74749Q

Female Special Purpose x Q CTS

Size	Carton PCS/WT	Price
1/2" x 3/4"	20/16	$69.10
5/8" x 3/4"	40/28	$38.18
5/8" x 1"	20/28	$76.15
3/4"	20/15	$36.16
3/4" x 1"	20/27	$49.93
1"	20/24	$61.33



74749

Female Special Purpose x Flare

Size	Carton PCS/WT	Price
1/2" x 3/4"	20/17	$62.21
5/8" x 3/4"	40/32	$34.98
5/8" x 1"	20/31	$68.56
3/4"	20/16	$33.17
3/4" x 1"	20/29	$44.96
1"	20/27	$62.19



74749G

Female Special Purpose x G CTS

Size	Carton PCS/WT	Price
1/2" x 3/4"	20/17	$69.10
5/8" x 3/4"	40/32	$38.18
5/8" x 1"	20/25	$76.15
3/4"	20/16	$36.16
3/4" x 1"	20/24	$49.93
1"	20/26	$61.33



74749T

Female Special Purpose x T CTS

Size	Carton PCS/WT	Price
1/2" x 3/4"	20/15	$69.10
5/8" x 3/4"	40/29	$38.18
5/8" x 1"	20/23	$76.15
3/4"	20/15	$36.16
3/4" x 1"	20/22	$49.93
1"	20/23	$61.33

SWIVEL FEMALE SPECIAL PURPOSE

Eighth bend couplings with swivel inlet end connection threads fitting Special Purpose Thread Outlet Corporation stops utilizing a fiber gasket for a seal. Couplings allow connection from Special Purpose Thread to Flare, FNPT, MNPT or CTS Compression.



74749SF

Female Special Purpose Swivel x FNPT

Size	Carton PCS/WT	Price
5/8" x 3/4"	25/16	$50.40
3/4"	20/28	$59.60
3/4" x 1"	20/27	$45.21
1"	20/19	$52.41



74749S-22

Female Special Purpose Swivel x -22 CTS

Size	Carton PCS/WT	Price
5/8" x 3/4"	25/16	$64.76
3/4"	20/18	$41.14
1"	20/27	$61.33



74749SQ

Female Special Purpose Swivel x Q CTS

Size	Carton PCS/WT	Price
5/8" x 3/4"	25/21	$64.76
3/4"	20/19	$41.14
3/4" x 1"	20/26	$50.23
1"	20/27	$61.33



74749SP

Female Special Purpose Swivel x MNPT

Size	Carton PCS/WT	Price
5/8" x 3/4"	25/12	$50.09
3/4"	20/13	$53.20
1"	20/24	$52.11



74749SG

Female Special Purpose Swivel x G CTS

Size	Carton PCS/WT	Price
5/8" x 3/4"	25/23	$64.76
3/4"	20/21	$41.14
1"	20/27	$61.33



74749ST

Female Special Purpose Swivel x T CTS

Size	Carton PCS/WT	Price
5/8" x 3/4"		$64.76
3/4"	20/19	$41.14
1"	20/27	$61.33



74749S

Female Special Purpose Swivel x Flare

Size	Carton PCS/WT	Price
5/8" x 3/4"	25/22	$52.07
3/4"	20/21	$49.36
3/4" x 1"	20/24	$58.17
1"	20/29	$66.92

1/4 Bend Couplings used with 73120 & 73120B Corp Stops

FIXED FEMALE SPECIAL PURPOSE

Quarter bend couplings with fixed inlet end connection threads fitting Special Purpose Thread Outlet Corporation stops utilizing a fiber gasket for a seal. Couplings allow connection from Special Purpose Thread to Flare, FNPT or CTS Compression.

74777F

Female Special Purpose x FNPT



Size	Carton PCS/WT	Price
5/8" x 3/4"	40/21	$31.34
3/4"	20/12	$29.80
1"	20/23	$49.99

74777-22

Female Special Purpose x -22 CTS



Size	Carton PCS/WT	Price
5/8" x 3/4"	40/29	$42.63
3/4"	20/16	$41.32
1"	20/27	$65.13

74777Q

Female Special Purpose x Q CTS



Size	Carton PCS/WT	Price
3/4"	20/18	$41.32
1"	20/29	$65.13

74777

Female Special Purpose x Flare



Size	Carton PCS/WT	Price
5/8" x 3/4"	40/36	$37.30
3/4"	20/19	$35.73
1"	20/33	$59.81

74777G

Female Special Purpose x G CTS



Size	Carton PCS/WT	Price
3/4"	20/16	$41.32
1"	20/27	$65.13

74777T

Female Special Purpose x T CTS



Size	Carton PCS/WT	Price
5/8" x 3/4"	40/31	$42.63
3/4"	20/17	$41.32
1"	20/28	$65.13

SWIVEL FEMALE SPECIAL PURPOSE

Quarter bend couplings with swivel inlet end connection threads fitting Special Purpose Thread Outlet Corporation stops utilizing a fiber gasket for a seal. Couplings allow connection from Special Purpose Thread to Flare, FNPT, MNPT, PEP Compression or CTS Compression.

74777SF

Female Special Purpose Swivel x FNPT



Size	Carton PCS/WT	Price
5/8" x 3/4"	25/19	$43.29
3/4"	20/18	$38.57
1"	20/24	$53.60

74777S-22

Female Special Purpose Swivel x -22 CTS



Size	Carton PCS/WT	Price
5/8" x 3/4"	25/23	$42.66
3/4"	20/20	$41.14
3/4" x 1"	25/34	$50.21
1"	20/29	$59.28

74777SQ

Female Special Purpose Swivel x Q CTS



Size	Carton PCS/WT	Price
5/8" x 3/4"	25/25	$42.66
3/4"	20/21	$41.14
3/4" x 1"	25/34	$50.21
1"	20/31	$59.28

74777SP

Female Special Purpose Swivel x MNPT



Size	Carton PCS/WT	Price
5/8" x 3/4"	25/17	$43.00
3/4"	20/14	$49.14
1"	20/20	$61.67

74777SG

Female Special Purpose Swivel x G CTS



Size	Carton PCS/WT	Price
5/8" x 3/4"	25/25	$42.66
3/4"	20/22	$41.14
3/4" x 1"	25/34	$50.21
1"	20/28	$59.28

74777ST

Female Special Purpose Swivel x T CTS



Size	Carton PCS/WT	Price
5/8" x 3/4"	25/25	$42.66
3/4"	20/21	$41.14
3/4" x 1"	25/30	$50.21
1"	20/30	$59.28

74777S

Female Special Purpose Swivel x Flare



Size	Carton PCS/WT	Price
5/8" x 3/4"	25/27	$44.52
3/4"	20/21	$42.66
1"	20/33	$58.27

74777S-3Q

Female Special Purpose Swivel x -3Q PEP



Size	Carton PCS/WT	Price
3/4"	25/34	$50.21

Parts & Accessories

Fittings for Extra Strong Lead Pipe Flanged Corporations

Straight adapter with inlet end connection threads fitting Extra Strong Lead Pipe Flanged Thread Outlet Corporation stops utilizing a fiber gasket for a seal. Adapters allow connection from Extra Strong Lead Pipe Flanged Thread to Flare, FNPT, MNPT or CTS Compression.

74742LFF



Adapter Female XS x FNPT

Size	Carton PCS/WT	Price
1/2" x 3/4"	20/19	$41.20
5/8" x 3/4"	20/13	$27.45
3/4"	20/13	$37.89
1"	25/22	$73.61

74742LF-22



Adapter Female XS x -22 CTS

Size	Carton PCS/WT	Price
1/2" x 3/4"	20/20	$58.16
5/8" x 3/4"	20/18	$38.17
3/4"	20/18	$38.17
1"	25/26	$62.16

74742LFT



Adapter Female XS x T CTS

Size	Carton PCS/WT	Price
1/2" x 3/4"	20/20	$58.16
5/8" x 3/4"	20/20	$38.17
3/4"	20/17	$38.17
1"	25/28	$62.16

74742LFP



Adapter Female XS x MNPT

Size	Carton PCS/WT	Price
1/2" x 3/4"	20/13	$40.80
5/8" x 3/4"	20/15	$27.15
3/4"	20/11	$37.60
1"	25/15	$73.32

74742LFG



Adapter Female XS x G CTS

Size	Carton PCS/WT	Price
1/2" x 3/4"	20/20	$58.16
5/8" x 3/4"	20/18	$38.17
3/4"	20/18	$38.17
1"	25/31	$62.16

74742LFCAP



CAP XS LF Corp

Size	Carton PCS/WT	Price
5/8"	25/16	$40.35
3/4"	25/14	$50.80
1"	25/17	$94.21

74742LF



Adapter Female XS x Flare

Size	Carton PCS/WT	Price
1/2" x 3/4"	20/22	$50.59
5/8" x 3/4"	20/22	$56.21
3/4"	20/19	$60.58
1"	25/33	$86.69

74742LFQ



Adapter Female XS x Q CTS

Size	Carton PCS/WT	Price
1/2" x 3/4"	20/21	$58.16
5/8" x 3/4"	20/19	$38.17
3/4"	20/18	$38.17
1"	25/29	$62.16

AWWA Corp Thread Fittings

AWWA / CC male inlet thread straight connection for insertion into saddle of directly into water main. Fittings allow connection from female AWWA / CC thread to Flare or CTS Compression.

74751



AWWA x Flare

Size	Carton PCS/WT	Price
3/4"	25/24	$29.96
1"	20/31	$55.24

74751G



AWWA x G CTS

Size	Carton PCS/WT	Price
3/4"	25/20	$34.91
1"	20/24	$57.52

74751T



AWWA x T CTS

Size	Carton PCS/WT	Price
3/4"	25/20	$34.91
1"	20/25	$57.52

74751-22



AWWA x-22 CTS

Size	Carton PCS/WT	Price
3/4"	25/20	$34.91
1"	20/24	$57.52

74751Q



AWWA x Q CTS

Size	Carton PCS/WT	Price
3/4"	25/21	$34.91
1"	20/27	$57.52

Parts & Accessories

Replacement Nut and Gasket Assemblies for

Flare, Flare Anode, McGrip CTS, CTS-16, CTS FT and PEP, MacPak CTS, CTS -16, CTS FT, PEP, PEP Anode, PVC and IP, McQuik CTS, CTS Anode, CTS-16, PEP and PEP Anode, "T" Series CTS

4700
Flare



Size	Carton PCS/WT	Price
1/2"	50/8	$4.02
3/4"	50/17	$6.62
1"	50/28	$10.96
1 1/4"	25/22	$17.60
1 1/2"	20/27	$30.60
2"	20/47	$57.05

4700A
Flare Nut with Anode



Size	Carton PCS/WT	Price
3/4"	50/22	$17.38
1"	50/35	$21.71

4700G
G CTS



Size	Carton PCS/WT	Price
3/4"	50/20	$10.19
1"	50/27	$16.64
1 1/4"	25/20	$23.32

4700G-16
G CTS



Size	Carton PCS/WT	Price
1 1/2"	25/22	$29.81
2"	25/29	$41.22

4700GFT
G CTS with Flare Thread



Size	Carton PCS/WT	Price
1 1/2"	25/27	$40.59
2"	25/35	$49.13

4700-22
-22 CTS



Size	Carton PCS/WT	Price
1/2"	50/11	$7.15
3/4"	50/13	$7.87
1"	50/15	$12.08
1 1/4"	25/13	$21.60
2 1/2	5/9	$61.26

4700-22-16
-22 CTS



Size	Carton PCS/WT	Price
1 1/2"	25/22	$25.47
2"	25/33	$35.84

4700-22FT
-22 CTS with Flare Thread



Size	Carton PCS/WT	Price
1 1/2"	20/24	$37.97
2"	20/32	$48.18

4700-33
-33 PEP-7



Size	Carton PCS/WT	Price
3/4"	50/18	$13.14
1"	25/13	$21.60
1 1/4"	20/22	$34.07
2"	20/31	$46.04

4700-33FT
PEP PAK Nut

Size	Carton PCS/WT	Price
1 1/2""	20/33	$48.33

4700-33A
PEP PAK Nut with Anode

Size	Carton PCS/WT	Price
1 1/4""	20/24	$44.79
2"	20/31	$56.74

4700-3G
-3G PEP



Size	Carton PCS/WT	Price
3/4"	50/26	$14.64
1"	25/19	$23.32

4700Q
Q CTS



Size	Carton PCS/WT	Price
3/4"	50/14	$12.08
1"	50/23	$14.82
1 1/4"	25/14	$24.26

4700QA-16
CTS with Anode Nut



Size	Carton PCS/WT	Price
1 1/2"	25/17	$42.33
2"	20/18	$54.42

4700QA
CTS with Anode Nut



Size	Carton PCS/WT	Price
3/4"	50/18	$22.82
1"	25/14	$25.57
1 1/4"	25/15	$34.06

4700Q-16
Q CTS



Size	Carton PCS/WT	Price
1 1/2"	25/14	$31.59
2"	25/25	$43.68

4700T
T CTS



Size	Carton PCS/WT	Price
3/4"	50/14	$10.13
1"	50/21	$16.60
1 1/4"	25/19	$23.31

4700TA
T CTS Anode Nut



Size	Carton PCS/WT	Price
3/4"	50/16	$20.88
1"	25/13	$27.35

4700T-16
T CTS



Size	Carton PCS/WT	Price
1 1/2"	20/9	$40.56
2"	20/14	$49.13

4700TFT
T CTS with Flare Thread



Size	Carton PCS/WT	Price
1 1/2"	20/18	$40.56
2"	20/28	$49.13

Parts & Accessories

Replacement Nut and Gasket Assemblies for

McGrip CTS, CTS-16, CTS FT and PEP, MacPak CTS, CTS -16, CTS FT, PEP, PEP Anode, PVC and IP, McQuik CTS, CTS Anode, CTS-16, PEP and PEP Anode, "T" Series CTS

4700-3Q
-3Q PEP



Size	Carton PCS/WT	Price
3/4"	50/23	$18.38
1"	50/28	$24.26

4700-3QA
-3Q PEP with Anode



Size	Carton PCS/WT	Price
3/4"	25/14	$25.34
1"	25/16	$34.06

4700QA-16
CTS Anode



Size	Carton PCS/WT	Price
1 1/2"	25/17	$42.33
2"	20/18	$54.42

4700-44FT
-44 PVC

Size	Carton PCS/WT	Price
1 1/4"	20/24	$42.45

4700-44
-44 PVC



Size	Carton PCS/WT	Price
3/4"	50/18	$13.14
1"	25/13	$21.58
1 1/2"	20/20	$36.18
2"	20/30	$45.39

Gasket Assemblies

4700-22RWGA
CTS MAC-PAK



Size	Carton PCS/WT	Price
1 1/2"	10/1	$4.37
2"	10/1	$3.43

4700-22GA
CTS MAC-PAK



Size	Carton PCS/WT	Price
1/2"	50/1	$1.41
3/4"	50/1	$0.94
1"	50/1	$1.18
1 1/4"	50/2	$3.31
1 1/2"	10/1	$5.01
2"	10/1	$7.64

4700QGA
CTS McQuick



Size	1Carton PCS/WT	Price
3/4"	50/1	$4.69
1"	50/2	$5.64
1 1/4"	10/1	$7.45
1 1/2"	10/1	$12.02
2"	10/1	$16.56

4700TRWGA
T Compression

Size	Carton PCS/WT	Price
1 1/2"	10/1	$13.59
2"	10/1	$13.85

4700TGA
T Compression



Size	Carton PCS/WT	Price
3/4"	50/1	$4.36
1"	50/2	$5.40
1 1/4"	10/1	$16.59
1 1/2"	10/1	$14.35
2"	10/2	$21.62

4700GGA
G Compression



Size	Carton PCS/WT	Price
3/4"	25/1	$3.40
1"	25/2	$4.27
1 1/4"	10/1	$7.33
1 1/2"	10/1	$11.25
2"	10/2	$16.86

4700-3GGA
PEP McGRIP

Size	Carton PCS/WT	Price
3/4"	25/1	$6.50
1"	25/2	$7.33

4700-3QGA
PEP McQUICK

Size	Carton PCS/WT	Price
3/4"	50/1	$5.44
1"	10/1	$7.45

4700-33GA
PEP MAC-PAK

Size	Carton PCS/WT	Price
3/4"	50/1	$3.41
1"	25/1	$3.31
1 1/4"	10/1	$7.79
1 1/2"	10/1	$7.64
2"	10/2	$4.75

4700-44GA
PVC MACK-PAK

Size	Carton PCS/WT	Price
3/4"	50/1	$3.41
1"	50/2	$3.31
1 1/4"	10/1	$7.59
1 1/2"	10/1	$3.29
2"	10/1	$6.87

4700-44RWGA
PVC MACK-PAK

Size	Carton PCS/WT	Price
1 1/4"	10/1	$3.02

Parts & Accessories

Plugs

Plugs to replace corporation stops.

73206
Plug AWWA (Hollow Core)



Size	Carton PCS/WT	Price
1/2”	50/9	$27.88
5/8”	50/15	$28.29
3/4”	50/17	$13.74
1”	25/10	$19.99
1 1/4”	15/13	$43.98
1 1/2”	15/17	$44.83
2	10/16	$58.13

73208
Plug (Hollow Core)
MNPT Corp Threads x Square Head



Size	Carton PCS/WT	Price
1/2”	50/25	$12.83
3/4”	50/11	$12.90
1”	25/7	$20.60
1 1/4”	15/12	$43.98
1 1/2”	15/12	$47.47
2	10/11	$58.13

732080
Plug - MNPT x Inside
Driving Threads



Size	Carton PCS/WT	Price
3/4” x 5/8”	50/23	$30.87
1” x 5/8”	50/32	$77.84

732060
Plug AWWA Thread with
Inside Driving Thread



Size	Carton PCS/WT	Price
5/8” x 5/8”	50/23	$74.94
3/4” x 5/8”	50/25	$67.79
1” x 5/8”	50/35	$80.91

74692
CTS x Flare Conversion Insert

Size	Carton PCS/WT	Price
3/4”	25/3	$18.68
1”	10/3	$23.25
1 1/4”	10/5	$137.93

Washers & Gaskets

Gaskets used with gasket sealed connections.

4742LFGSKT
Fiber Washer -
For 74742LF



Size	Carton PCS/WT	Price
1/2”	25/1	$8.74
5/8”	25/1	$2.03
3/4”	25/1	$3.57
1”	25/1	$5.84

4749GSKT
Fiber Washer -
For 74742, 74749, 74777



Size	Carton PCS/WT	Price
1/2”	25/1	$1.73
5/8”	25/1	$1.73
3/4”	25/1	$1.84
1”	25/1	$2.16

4749GCC
Copper Clad Gasket



Size	Carton PCS/WT	Price
3/4”	25/1	$7.97
1”	25/1	$12.84

4000GSKT
Fiber Gasket

Size	Carton PCS/WT	Price
1”	25/1	$4.48
1 1/4”	10/1	$6.36
1 1/2”	10/1	$14.20
2”	10/1	$15.08

6125
Copper Flare Shut-Off Disc

Size	Carton PCS/WT	Price
3/4”	1/1	$2.47
1”	1/1	$3.29
1 1/4”	1/1	$4.89
1 1/2”	1/1	$8.11
2”	1/1	$9.01











THE CUSTOMER IS THE BOSS

EST. 1856 McDonald

Service Saddles & Repair Clamps

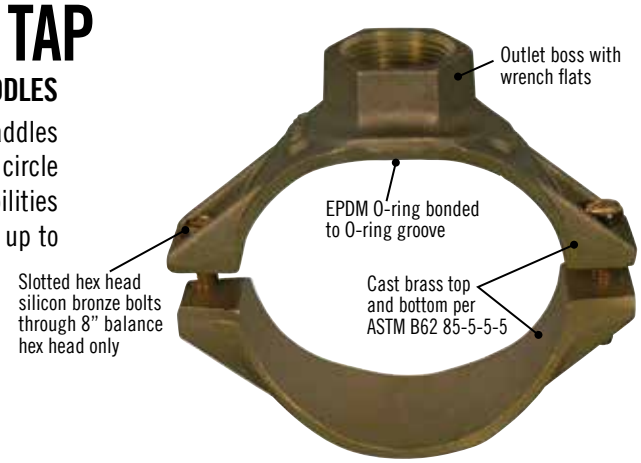
Water Works Catalog / Price List - April 2019

MORE THAN A BRAND. WE'RE A FAMILY.

3801 AWWA TAP / 3802 FNPT TAP

IPS PVC PIPE (SCHEDULE 40 OR 80), TWO BOLT ALL BRASS SADDLES

A.Y. McDonald Mfg. Co. Model 3801 / 3802 Brass Two Bolt Service Saddles are designed for use on Iron Pipe Size PVC pipe and provide full circle support without cracking or distorting the pipe. The pressure capabilities equal, but do not exceed, the working pressure rating of the pipe up to 200 PSIG.



Installation instructions are provided with each saddle. Please read and follow instructions to ensure long lasting performance.

MATERIALS

Top and Bottom

85-5-5-5 cast brass per ASTM B62

Silicon Bronze Bolts (standard)

- 1/2" Slotted Hex Head
  5/16" - 18 UNC - 2A x 2" long (3100-906)
  fits on 2", 2 1/2", 3", 4", 6" & 8" diameter saddles with 3/4" and 1" Taps

- 5/8" Slotted Hex Head
  7/16" - 14 UNC - 2A x 2" long (3100-908)
  fits on 4", 6" & 8" diameter saddles with 1 1/2" and 2" Taps

- 3/4" Hex Head
  1/2" - 13 UNC - 2A x 3" long (3100-915)
  fits on 10" & 12" diameter saddles with 3/4" - 2" Taps

NOTES

- Order Saddles by Model Number, Nominal Pipe Size and Tap Size **(Example: 3801 8" x 1")**.
- All Saddles have Pipe O.D. identification.
- All A.Y. McDonald Service Saddles meet A.W.W.A. standards.
- Use on cold water services only.

OPTIONS

- Contact factory for 1/2" or 1 1/4" tapped saddles.
- Contact factory for BSPT (British Standard Taper Thread) tapped saddles.
- For saddles Viton® O-rings in place of EPDM O-rings - add "V" to end of model number i.e. 3801 = 3801V (see below for pricing)

  Viton® O-ring adder "V"
  3/4".....$ 11.67
  1".....$ 11.67
  1 1/2".....$ 16.88
  2".....$ 16.88

- For saddles with SS Bolts in place of silicon bronze - add "SS" to end of model number i.e. 3801 = 3801SS (see below for pricing)

  Stainless Steel Bolts adder "SS"
  $ 11.91 per saddle

3801

			AWWA TAP							
			3/4"		1"		1 1/2"		2"	
Model	Nominal Size	Pipe O.D.	CTN/WT	Price	CTN/WT	Price	CTN/WT	Price	CTN/WT	Price
3801	2"	2.38	20/27	$35.38	20/28	$35.38				
3801	2 1/2"	2.88	20/30	$44.30	20/32	$44.30				
3801	3"	3.50	20/31	$46.77	20/33	$46.77				
3801	4"	4.50	10/23	$55.04	10/23	$55.04	10/34	$118.47	10/37	$118.47
3801	6"	6.63	10/34	$82.08	10/34	$82.08	10/39	$154.88	10/44	$154.88
3801	8"	8.63	6/29	$112.79	6/28	$112.79	6/31	$159.72	6/34	$159.72
3801	10"	10.75	3/27	$217.62	3/27	$217.62	3/33	$310.47	3/30	$310.47
3801	12"	12.75	3/32	$289.54	3/32	$289.54	3/38	$334.46	3/36	$334.46

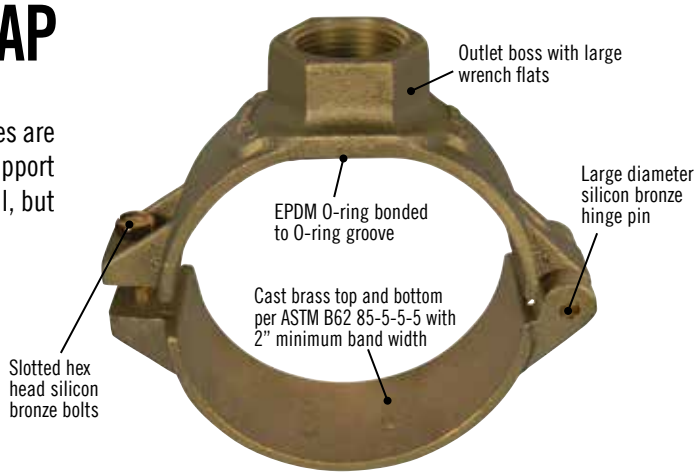
3802

			FNPT TAP							
			3/4"		1"		1 1/2"		2"	
Model	Nominal Size	Pipe O.D.	CTN/WT	Price	CTN/WT	Price	CTN/WT	Price	CTN/WT	Price
3802	2"	2.38	20/28	$35.38	20/30	$35.38				
3802	2 1/2"	2.88	20/33	$44.30	20/33	$44.30				
3802	3"	3.50	20/33	$46.77	20/35	$46.77				
3802	4"	4.50	10/23	$55.04	10/23	$55.04	10/33	$118.47	10/33	$118.47
3802	6"	6.63	10/35	$82.08	10/32	$82.08	10/40	$154.88	10/48	$154.88
3802	8"	8.63	6/29	$112.79	6/29	$112.79	6/36	$159.72	6/36	$159.72
3802	10"	10.75	3/29	$217.62	3/27	$217.62	3/33	$310.47	3/31	$310.47
3802	12"	12.75	3/33	$289.54	3/34	$289.54	3/37	$334.46	3/36	$334.46

3891 AWWA TAP / 3892 FNPT TAP

IPS PVC PIPE (SCHEDULE 40 OR 80), HINGED ALL BRASS SADDLES

A.Y. McDonald Mfg. Co. Model 3891 / 3892 Brass Hinged Service Saddles are designed for use on Iron Pipe Size PVC pipe and provide full circle support without cracking or distorting the pipe. The pressure capabilities equal, but do not exceed, the working pressure rating of the pipe up to 200 PSIG.



Installation instructions are provided with each saddle. Please read and follow instructions to ensure long lasting performance.

MATERIALS

Top and Bottom

85-5-5-5 cast brass per ASTM B62

Silicon Bronze Bolts (standard)

- 1/2" Slotted Hex Head
  5/16" - 18 UNC - 2A x 1 1/2" long (3100-911)
  One bolt for all 3/4" and 1" taps
  Two bolts for all 1 1/2" and 2" taps

Silicon Bronze Hinge Pin

- .25 diameter - Standard for all sizes

NOTES

- Order Saddles by Model Number, Nominal Pipe Size and Tap Size **(Example: 3891 8" x 1")**.
- All Saddles have Pipe O.D. identification.
- All A.Y. McDonald Service Saddles meet A.W.W.A. standards.
- Use on cold water services only.

OPTIONS

- Contact factory for 1/2" or 1 1/4" tapped saddles.
- Contact factory for BSPT (British Standard Taper Thread) tapped saddles
- For saddles with Viton® O-rings in place of EPDM O-rings - add "V" to end of model number i.e. 3891 = 3891V (see below for pricing)

Viton® O-ring adder "V"

3/4".....$ 11.67
1".....$ 11.67
1 1/2".....$ 16.88
2".....$ 16.88

- For saddles with SS Bolts in place of silicon bronze - add "SS" to end of model number i.e. 3891 = 3891SS (see below for pricing)

Stainless Steel Bolts adder "SS"

$ 5.96 per bolt - 3/4" and 1" Taps have one bolt & 1 1/2" and 2" Taps have two bolts.

3891

			AWWA TAP							
	Nominal		3/4"		1"		1 1/2"		2"	
Model	Size	Pipe O.D.	CTN/WT	Price	CTN/WT	Price	CTN/WT	Price	CTN/WT	Price
3891	2"	2.38	20/36	$35.38	20/37	$35.38				
3891	2 1/2"	2.88	20/43	$44.30	20/43	$44.30				
3891	3"	3.50	20/43	$46.77	20/47	$46.77	5/21	$151.30		
3891	4"	4.50	10/25	$55.04	10/27	$55.04	5/25	$118.47	5/22	$118.47
3891	6"	6.63	10/34	$82.08	10/36	$82.08	5/31	$154.88	5/28	$154.88
3891	8"	8.63	5/22	$112.79	5/22	$112.79	5/35	$159.72	5/33	$159.72

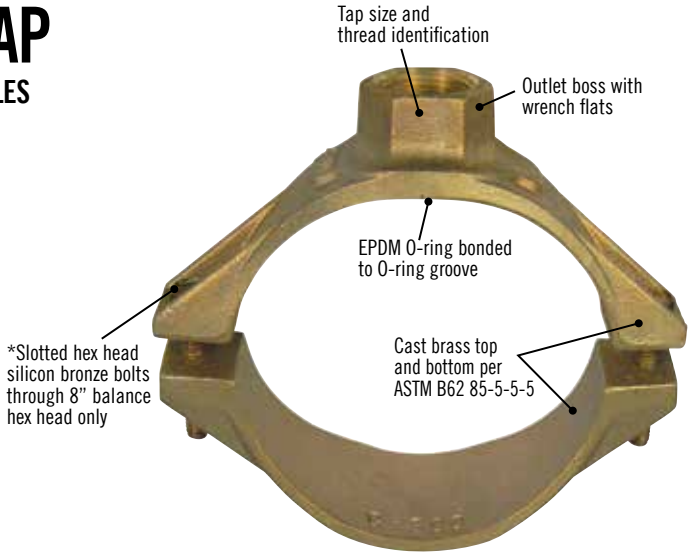
3892

			FNPT TAP							
	Nominal		3/4"		1"		1 1/2"		2"	
Model	Size	Pipe O.D.	CTN/WT	Price	CTN/WT	Price	CTN/WT	Price	CTN/WT	Price
3892	2 1/2"	2.88	20/46	$44.30	20/44	$44.30				
3892	3"	3.50	20/45	$46.77	20/46	$46.77	5/21	$151.30	5/19	$151.30
3892	4"	4.50	10/27	$55.04	10/27	$55.04	5/25	$118.47	5/23	$118.47
3892	6"	6.63	10/35	$82.08	10/36	$82.08	5/31	$154.88	5/28	$154.88
3892	8"	8.63	5/24	$112.79	5/23	$112.79	5/33	$159.72	5/34	$159.72

3805 AWWA TAP / 3806 FNPT TAP

CAST IRON O.D. PVC PIPE (AWWA C900), TWO BOLT ALL BRASS SADDLES

A.Y. McDonald Mfg. Co. Model 3805 / 3806 Brass Two Bolt Service Saddles are designed for use on Cast Iron O.D. PVC Pipe (AWWA C900) and provide full circle support without cracking or distorting the pipe. The pressure capabilities equal, but do not exceed, the working pressure rating of the pipe up to 200 PSIG.



Installation instructions are provided with each saddle. Please read and follow instructions to ensure long lasting performance.

MATERIALS

Top and Bottom

85-5-5-5 cast brass per ASTM B62

Silicon Bronze Bolts (standard)

- 1/2" Slotted Hex Head
  5/16" - 18 UNC - 2A x 2" long (3100-906)
  fits on 2", 2 1/2", 3", 4", 6" & 8" diameter saddles with 3/4" and 1" Taps

- 5/8" Slotted Hex Head
  7/16" - 14 UNC - 2A x 2" long (3100-908)
  fits on 4", 6" & 8" diameter saddles with 1 1/2" and 2" Taps

- 3/4" Hex Head
  1/2" - 13 UNC - 2A x 3" long (3100-915)
  fits on 10" & 12" diameter saddles with 3/4" - 2" Taps

NOTES

- Order Saddles by Model Number, Nominal Pipe Size and Tap Size **(Example: 3805 8" x 1")**.
- All Saddles have Pipe O.D. identification.
- All A.Y. McDonald Service Saddles meet A.W.W.A. standards.
- Use on cold water services only.

OPTIONS

- Contact factory for 1/2" or 1 1/4" tapped saddles.
- Contact factory for BSPT (British Standard Taper Thread) tapped saddles
- For saddles with Viton® O-rings in place of EPDM O-rings - add "V" to end of model number i.e. 3805 = 3805V (see below for pricing)

Viton® O-ring adder "V"

3/4".....$ 11.67
1".....$ 11.67
1 1/2".....$ 16.88
2".....$ 16.88

- For saddles with SS Bolts in place of silicon bronze - add "SS" to end of model number i.e. 3805 = 3805SS (see below for pricing)

Stainless Steel Bolts adder "SS"

$ 11.91 per saddle

3805

			AWWA TAP							
	Nominal		3/4"		1"		1 1/2"		2"	
Model	Size	Pipe O.D.	CTN/WT	Price	CTN/WT	Price	CTN/WT	Price	CTN/WT	Price
3805	4"	4.80	10/24	$60.07	10/24	$60.07	10/33	$150.33	10/37	$150.33
3805	6"	6.90	10/36	$82.08	10/36	$82.08	10/41	$154.88	10/43	$154.88
3805	8"	9.05	6/29	$114.89	6/29	$114.89	6/35	$176.84	6/32	$176.84
3805	10"	11.10	3/28	$310.47	3/27	$310.47	3/32	$310.47	3/30	$310.47
3805	12"	13.20	3/34	$334.46	3/33	$334.46	3/38	$334.46	3/37	$334.46

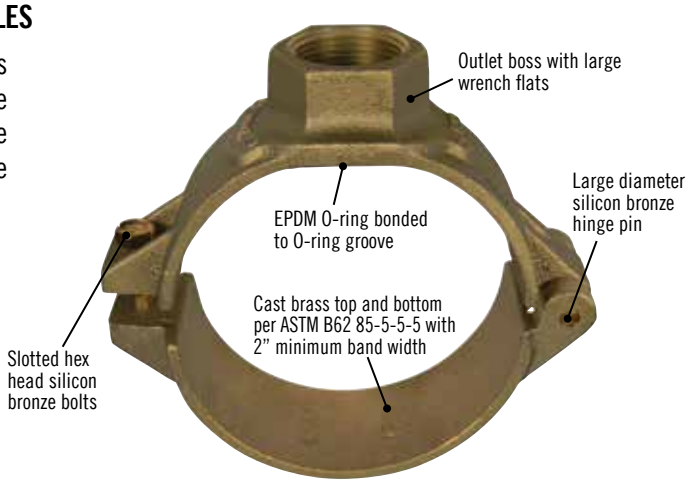
3806

			FNPT TAP							
	Nominal		3/4"		1"		1 1/2"		2"	
Model	Size	Pipe O.D.	CTN/WT	Price	CTN/WT	Price	CTN/WT	Price	CTN/WT	Price
3806	4"	4.80	10/23	$60.07	10/24	$60.07	10/33	$150.33	10/34	$150.33
3806	6"	6.90	10/29	$82.08	10/36	$82.08	10/37	$154.88	10/50	$154.88
3806	8"	9.05	6/30	$114.89	6/29	$114.89	6/35	$176.84	6/35	$176.84
3806	10"	11.10	3/27	$310.47	3/27	$310.47	3/34	$310.47	3/30	$310.47
3806	12"	13.20	3/32	$334.46	3/32	$334.46	3/38	$334.46	3/38	$334.46

3895 AWWA TAP / 3896 FNPT TAP

CAST IRON O.D. PVC PIPE (AWWA C900), HINGED ALL BRASS SADDLES

A.Y. McDonald Mfg. Co. Model 3895 / 3896 Brass Hinged Service Saddles are designed for use on Cast Iron O.D. PVC Pipe (AWWA C900) and provide full circle support without cracking or distorting the pipe. The pressure capabilities equal, but do not exceed, the working pressure rating of the pipe up to 200 PSIG.



Installation instructions are provided with each saddle. Please read and follow instructions to ensure long lasting performance.

MATERIALS

Top and Bottom

85-5-5-5 cast brass per ASTM B62

Silicon Bronze Bolts (standard)

- 1/2" Slotted Hex Head
  5/16" - 18 UNC - 2A x 1 1/2" long (3100-911)
  One bolt for all 3/4" and 1" taps
  Two bolts for all 1 1/2" and 2" taps

Silicon Bronze Hinge Pin

- .25 diameter - Standard for all sizes

NOTES

- Order Saddles by Model Number, Nominal Pipe Size and Tap Size **(Example: 3895 8" x 1")**.
- All Saddles have Pipe O.D. identification.
- All A.Y. McDonald Service Saddles meet A.W.W.A. standards.
- Use on cold water services only.

OPTIONS

- Contact factory for 1/2" or 1 1/4" tapped saddles.
- Contact factory for BSPT (British Standard Taper Thread) tapped saddles.
- For saddles with Viton® O-rings -in place of EPDM O-rings - add "V" to end of model number i.e. 3895 = 3895V (see below for pricing)

Viton® O-ring adder "V"

3/4".....$ 11.67
1".....$ 11.67
1 1/2".....$ 16.88
2".....$ 16.88

- For saddles with SS Bolts in place of silicon bronze - add "SS" to end of model number i.e. 3895 = 3895SS (see below for pricing)

Stainless Steel Bolts adder "SS"

$ 5.96 per bolt - 3/4" and 1" Taps have one bolt & 1 1/2" and 2" Taps have two bolts.

3895

			AWWA TAP							
	Nominal		3/4"		1"		1 1/2"		2"	
Model	Size	Pipe O.D.	CTN/WT	Price	CTN/WT	Price	CTN/WT	Price	CTN/WT	Price
3895	4"	4.80	10/30	$60.07	10/27	$60.07	5/25	$150.33	5/23	$150.33
3895	6"	6.90	10/37	$82.08	10/35	$82.08	5/31	$154.88	5/29	$154.88
3895	8"	9.05	5/23	$114.89	5/24	$114.89	5/36	$176.84	5/34	$176.84

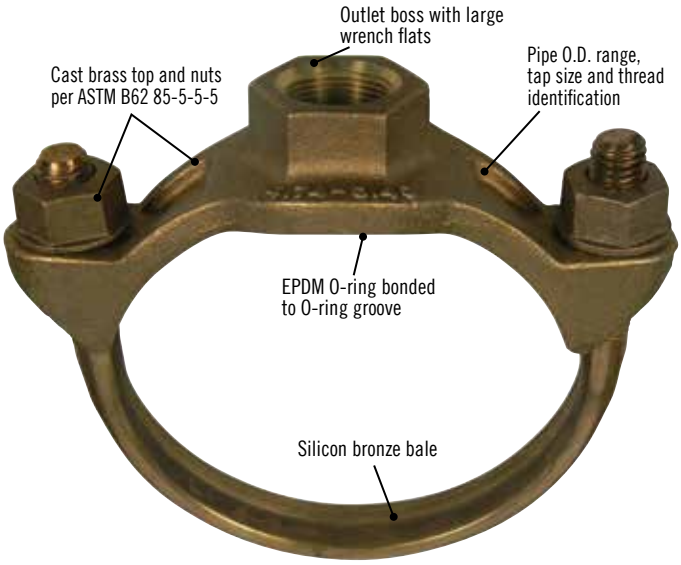
3896

			FNPT TAP							
	Nominal		3/4"		1"		1 1/2"		2"	
Model	Size	Pipe O.D.	CTN/WT	Price	CTN/WT	Price	CTN/WT	Price	CTN/WT	Price
3896	4"	4.80	10/30	$60.07	10/29	$60.07	5/26	$150.33	5/24	$150.33
3896	6"	6.90	10/39	$82.08	10/35	$82.08	5/32	$154.88	5/30	$154.88
3896	8"	9.05	5/23	$114.89	5/24	$114.89	5/37	$176.84	5/33	$176.84

3815 AWWA TAP / 3816 FNPT TAP

DUCTILE IRON, ASBESTOS CEMENT OR CAST IRON O.D. PIPE, BRONZE SINGLE BALE SADDLES WITH BRASS TOP

A.Y. McDonald Mfg. Co. Model 3815 / 3816 Single Bronze Bale Brass Service Saddles are designed for use on service line connections to ductile iron, asbestos-cement or cast iron O.D. pipe water mains. The pressure capabilities equal, but do not exceed, the working pressure rating of the pipe up to 200 PSIG.



Installation instructions are provided with each saddle. Please read and follow instructions to ensure long lasting performance.

MATERIALS

Body - 85-5-5-5 cast brass per ASTM B62
Bale - Silicon Bronze ASTM B98 C65100
Nuts with enlarged washer bearing surface
85-5-5-5 cast brass per ASTM B62

NOTES

- Order Saddles by Model Number, Nominal Pipe Size and Tap Size **(Example: 3815 8" x 1")**.
- All Saddles have Pipe O.D. identification.
- All A.Y. McDonald Service Saddles meet A.W.W.A. standards.
- Use on cold water services only.

OPTIONS

- Contact factory for 1/2" or 1 1/4" tapped saddles.
- Contact factory for availability BSPT (British Standard Pipe Taper Thread) tapped saddles.
- EPDM Flat gasket in place of EPDM O-Ring - add "F" to end of model number i.e. 3815 = 3815F (price is the same as EPDM O-ring style).
- Viton® O-rings - add "V" to end of model number i.e. 3815 = 3815V (see below for pricing)

Viton® O-ring adder "V"
3/4".....$ 11.67
1".....$ 11.67
1 1/2".....$ 16.88
2".....$ 16.88

3815 AWWA TAP / 3816 FNPT TAP

DUCTILE IRON, ASBESTOS CEMENT OR CAST IRON O.D. PIPE, BRONZE SINGLE BALE SADDLES WITH BRASS TOP

3815

			AWWA TAP			
			3/4"		1"	
Model	Nominal Size	Pipe O.D.	CTN/WT	Price	CTN/WT	Price
3815	4"	4.74 - 5.40	8/28	$86.49	8/27	$86.49
3815	6"	6.84 - 7.50	8/35	$105.26	8/34	$105.26
3815	8"	8.99 - 9.67	8/41	$134.15	8/40	$134.15
3815	10"	11.04 - 12.12	6/35	$175.52	6/35	$175.52
3815	12"	13.20 - 14.38	6/39	$187.00	6/41	$187.00

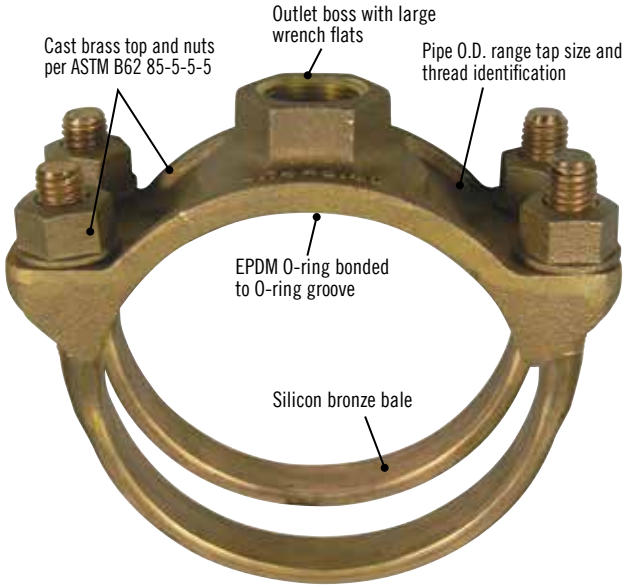
3816

			FNPT TAP			
			3/4"		1"	
Model	Nominal Size	Pipe O.D.	CTN/WT	Price	CTN/WT	Price
3816	4"	4.74 - 5.40	8/29	$86.49	8/28	$86.49
3816	6"	6.84 - 7.50	8/35	$105.26	8/34	$105.26
3816	8"	8.99 - 9.67	8/41	$134.15	8/41	$134.15
3816	10"	11.04 - 12.12	6/36	$175.52	6/35	$175.52
3816	12"	13.20 - 14.38	6/42	$187.00	6/41	$187.00

3825 AWWA TAP / 3826 FNPT TAP

DUCTILE IRON, ASBESTOS CEMENT OR CAST IRON O.D. PIPE, BRONZE DOUBLE BALE SADDLES WITH BRASS TOP

A.Y. McDonald Mfg. Co. Model 3825 A & B / 3826 A & B Double Bronze Bale Brass Service Saddles are designed for use on service line connections to ductile iron, asbestos-cement or cast iron O.D. pipe water mains. The pressure capabilities equal, but do not exceed, the working pressure rating of the pipe up to 200 PSIG.



MATERIALS

Body - 85-5-5-5 cast brass per ASTM B62
Bale - Silicon Bronze ASTM B98 C65100
Nuts with enlarged washer bearing surface
85-5-5-5 cast brass per ASTM B62

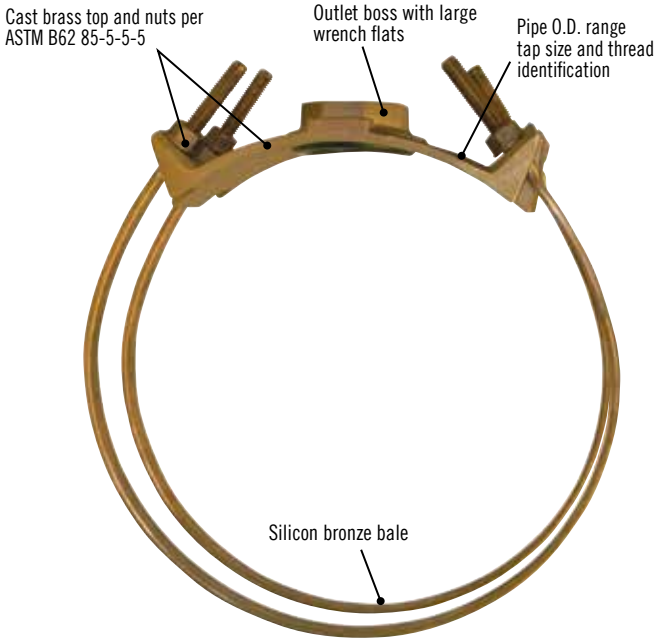
NOTES

- Order Saddles by Model Number, Nominal Pipe Size and Tap Size **(Example: 3825 8" x 1")**.
- All Saddles have Pipe O.D. identification.
- All A.Y. McDonald Service Saddles meet A.W.W.A. standards.
- Use on cold water services only.

OPTIONS

- Contact factory for 1/2" or 1 1/4" tapped saddles.
- Contact factory for availability BSPT (British Standard Pipe Taper Thread) tapped saddles.
- EPDM Flat gasket in place of EPDM O-Ring - add "F" to end of model number i.e. 3825 = 3825F (price is the same as EPDM O-ring style).
- Viton® O-rings - add "V" to end of model number i.e. 3825 = 3825V (see below for pricing)

Viton® O-ring adder "V"
3/4".....$ 11.67
1".....$ 11.67
1 1/2".....$ 16.88
2".....$ 16.88



Installation instructions are provided with each saddle. Please read and follow instructions to ensure long lasting performance.

3825 AWWA TAP / 3826 FNPT TAP

DUCTILE IRON, ASBESTOS CEMENT OR CAST IRON O.D. PIPE, BRONZE DOUBLE BALE SADDLES WITH BRASS TOP

3825

			AWWA TAP							
	Nominal		3/4"		1"		1 1/2"		2"	
Model	Size	Pipe O.D.	CTN/WT	Price	CTN/WT	Price	CTN/WT	Price	CTN/WT	Price
3825	4"	4.74 - 5.40	5/30	$156.94	5/30	$156.94	5/37	$183.03	5/38	$199.23
3825	6"	6.84 - 7.50	5/37	$184.85	5/37	$184.85	5/43	$211.35	5/44	$232.20
3825	8"	8.99 - 9.67	5/44	$228.76	5/43	$228.76	4/40	$240.84	4/41	$262.21
3825	10"	11.04 - 12.12	3/32	$283.44	3/33	$283.44	3/35	$311.26	3/36	$334.30
3825	12"	13.20 - 14.38	3/38	$331.70	3/37	$331.70	3/41	$374.11	3/41	$380.86
3825A	14"	15.30 - 16.25	1/18	$660.77	1/21	$660.77	1/18	$710.76	1/17	$739.95
3825B	14"	16.30 - 17.25	1/18	$754.61	1/18	$754.61	1/22	$810.70	1/21	$905.40
3825A	16"	17.40 - 18.40	1/22	$812.26	1/22	$812.26	1/22	$861.90	1/21	$952.44
3825B	16"	18.50 - 19.25	1/22	$812.26	1/22	$812.26	1/22	$861.90	1/21	$952.44
3825	18"	19.50 - 20.50	1/25	$1,111.43	1/20	$1,111.43	1/20	$1,111.43	1/19	$1,111.43
3825A	20"	21.20 - 22.20	1/22	$1,143.43	1/21	$1,143.43	1/24	$1,143.43	1/25	$1,143.43
3825B	20"	22.50 - 23.50	1/26	$1,177.92	1/26	$1,177.92	1/24	$1,177.92	1/24	$1,177.92
3825A	24"	23.80 - 24.80	1/26	$1,227.10	1/22	$1,227.10	1/22	$1,227.10	1/21	$1,227.10
3825B	24"	25.60 - 26.50	1/27	$1,255.45	1/23	$1,255.45	1/27	$1,255.45	1/26	$1,255.45
3825	30"	31.74 - 32.74	1/27	$1,593.01	1/30	$1,593.01	1/26	$1,593.01	1/32	$1,593.01

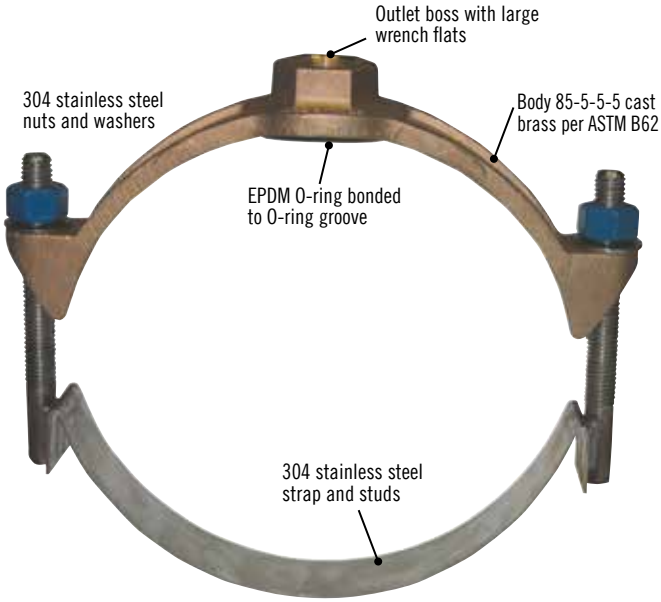
3826

			FNPT TAP							
	Nominal		3/4"		1"		1 1/2"		2"	
Model	Size	Pipe O.D.	CTN/WT	Price	CTN/WT	Price	CTN/WT	Price	CTN/WT	Price
3826	4"	4.74 - 5.40	5/31	$156.94	5/30	$156.94	5/37	$183.03	5/34	$199.23
3826	6"	6.84 - 7.50	5/37	$184.85	5/37	$184.85	5/43	$211.35	5/41	$232.20
3826	8"	8.99 - 9.67	5/44	$228.76	5/45	$228.76	4/40	$240.84	4/39	$262.21
3826	10"	11.04 - 12.12	3/32	$283.44	3/33	$283.44	3/37	$311.26	3/35	$334.30
3826	12"	13.20 - 14.38	3/38	$331.70	3/36	$331.70	3/42	$374.11	3/40	$380.86
3826A	14"	15.30 - 16.25	1/18	$660.77	1/18	$660.77	1/18	$710.76	1/17	$739.95
3826B	14"	16.30 - 17.25	1/22	$754.61	1/22	$754.61	1/22	$810.70	1/20	$905.40
3826A	16"	17.40 - 18.40	1/22	$812.26	1/22	$812.26	1/22	$861.90	1/19	$952.44
3826B	16"	18.50 - 19.25	1/20	$812.26	1/23	$812.26	1/19	$861.90	1/22	$952.44
3826	18"	19.50 - 20.50	1/24	$1,111.43	1/20	$1,111.43	1/23	$1,111.43	1/24	$1,111.43
3826A	20"	21.20 - 22.20	1/25	$1,143.43	1/22	$1,143.43	1/21	$1,143.43	1/25	$1,143.43
3826B	20"	22.50 - 23.50	1/26	$1,177.92	1/26	$1,177.92	1/25	$1,177.92	1/26	$1,177.92
3826A	24"	23.80 - 24.80	1/22	$1,227.10	1/22	$1,227.10	1/26	$1,227.10	1/22	$1,227.10
3826B	24"	25.60 - 26.50	1/23	$1,255.45	1/23	$1,255.45	1/23	$1,255.45	1/26	$1,255.45
3826	30"	31.74 - 32.74	1/30	$1,593.01	1/30	$1,593.01	1/30	$1,593.01	1/35	$1,593.01

3835 AWWA TAP / 3836 FNPT TAP

CAST IRON O.D. PVC PIPE (AWWA C900), STAINLESS STEEL SINGLE BAND SADDLES WITH BRASS TOP

A.Y. McDonald Mfg. Co. 3835 / 3836 Service Saddles with Stainless Steel Band are designed for use on service line connections to cast iron O.D. PVC pipe AWWA C-900 water mains. The pressure capabilities equal, but do not exceed, the working pressure rating of the pipe, up to 200 PSIG.



Installation instructions are provided with each saddle. Please read and follow instructions to ensure long lasting performance.

MATERIALS

Body - 85-5-5-5 cast brass per ASTM B62
Band and Studs - 304 Stainless Steel
Nuts and Washers - 304 Stainless Steel
Nuts are supplied with Fluorocarbon coating

NOTES

- Order Saddles by Model Number, Nominal Pipe Size and Tap Size **(Example: 3835 8" x 1")**.
- All Saddles have Pipe O.D. identification.
- All A.Y. McDonald Service Saddles meet A.W.W.A. standards.
- Use on cold water services only.

OPTIONS

- Contact factory for 1/2" or 1 1/4" tapped saddles.
- Contact factory for availability BSPT (British Standard Pipe Taper Thread) tapped saddles.
- EPDM Flat gasket in place of EPDM O-Ring - add "F" to end of model number i.e. 3835 = 3835F (price is the same as EPDM O-ring style).
- 316 Stainless Steel Bands - add "-316" at end of model number i.e. 3835 = 3835-316 (contact factory for pricing and availability)
- Viton® O-rings - add "V" to end of model number i.e. 3835 = 3835V (see below for pricing)

Viton® O-ring adder "V"
3/4".....$ 11.67
1".....$ 11.67
1 1/2".....$ 16.88
2".....$ 16.88

3835 AWWA TAP / 3836 FNPT TAP

CAST IRON O.D. PVC PIPE (AWWA C900), STAINLESS STEEL SINGLE BAND SADDLES WITH BRASS TOP

3835

			AWWA TAP			
			3/4"		1"	
Model	Nominal Size	Pipe O.D.	CTN/WT	Price	CTN/WT	Price
3835	4"	4.80	8/28	$100.16	8/28	$100.16
3835	6"	6.90	8/34	$121.87	8/33	$121.87
3835	8"	9.05	8/37	$155.32	8/38	$155.32
3835	10"	11.10	6/30	$203.20	6/32	$203.20
3835	12"	13.20	6/35	$216.47	6/38	$216.47

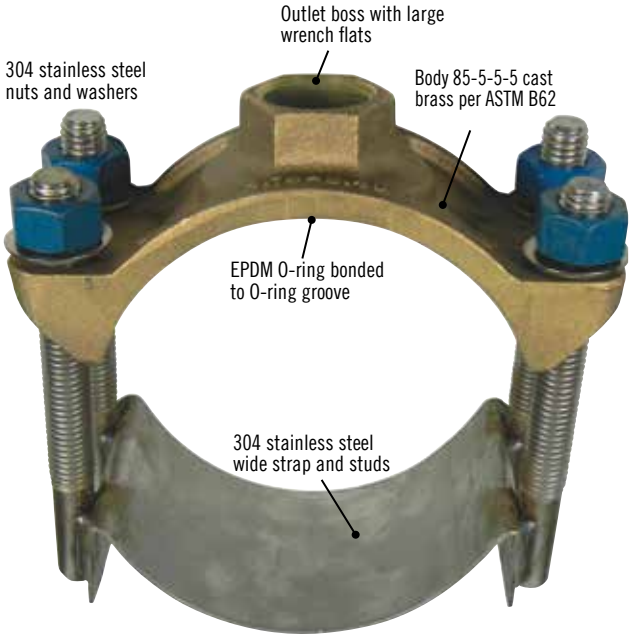
3836

			FNPT TAP			
			3/4"		1"	
Model	Nominal Size	Pipe O.D.	CTN/WT	Price	CTN/WT	Price
3836	4"	4.80	8/29	$100.16	8/29	$100.16
3836	6"	6.90	8/33	$121.87	8/33	$121.87
3836	8"	9.05	8/40	$155.32	8/39	$155.32
3836	10"	11.10	6/33	$203.20	6/33	$203.20
3836	12"	13.20	6/38	$216.47	6/37	$216.47

3845 AWWA TAP / 3846 FNPT TAP

CAST IRON O.D. PVC PIPE (AWWA C900, C905), WIDE STAINLESS STEEL SINGLE BAND SADDLES WITH BRASS TOP

A.Y. McDonald Mfg. Co. 3845, 3845A or B / 3846, 3846 A or B Wide Stainless Steel Band Brass Service Saddles are designed for use on service line connections to cast iron O.D. PVC pipe AWWA C-900/C905 water mains. The pressure capabilities equal, but do not exceed, the working pressure rating of the pipe up to 200 PSIG.



MATERIALS

Body - 85-5-5-5 cast brass per ASTM B62
Band and Studs - 304 Stainless Steel
Nuts and Washers - 304 Stainless Steel
Nuts are supplied with Fluorocarbon coating

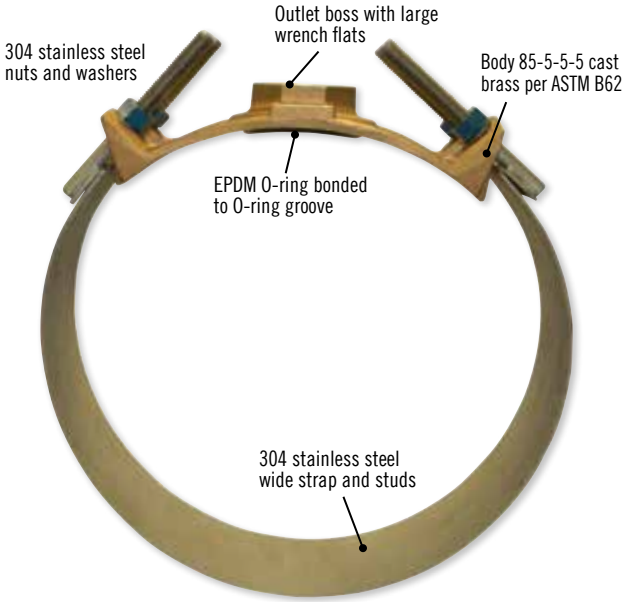
NOTES

- Order Saddles by Model Number, Nominal Pipe Size and Tap Size **(Example: 3845 8" x 1")**.
- All Saddles have Pipe O.D. identification.
- All A.Y. McDonald Service Saddles meet A.W.W.A. standards.
- Use on cold water services only.

OPTIONS

- Contact factory for 1/2" or 1 1/4" tapped saddles.
- Contact factory for availability BSPT (British Standard Pipe Taper Thread tapped saddles.
- EPDM Flat gasket in place of EPDM O-Ring - add "F" to end of model number i.e. 3845 = 3845F (price is the same as EPDM O-ring style).
- 316 Stainless Steel Bands - add "-316" at end of model number i.e. 3835 = 3845-316 (contact factory for pricing and availability)
- Viton® O-rings - add "V" to end of model number i.e. 3845 = 3845V (see below for pricing)

Viton® O-ring adder "V"
3/4".....$ 11.67
1".....$ 11.67
1 1/2".....$ 16.88
2".....$ 16.88



Installation instructions are provided with each saddle. Please read and follow instructions to ensure long lasting performance.

3845 AWWA TAP / 3846 FNPT TAP

CAST IRON O.D. PVC PIPE (AWWA C900, C905), WIDE STAINLESS STEEL SINGLE BAND SADDLES WITH BRASS TOP

3845

			AWWA TAP							
	Nominal		3/4"		1"		1 1/2"		2"	
Model	Size	Pipe O.D.	CTN/WT	Price	CTN/WT	Price	CTN/WT	Price	CTN/WT	Price
3845	4"	4.80	5/31	$181.73	5/30	$181.73	5/37	$211.94	5/38	$219.17
3845	6"	6.90	5/36	$214.01	5/35	$214.01	5/42	$244.70	5/43	$255.42
3845	8"	9.05	5/40	$264.93	5/40	$264.93	4/36	$278.84	4/37	$288.40
3845	10"	11.10	3/28	$328.17	3/29	$328.17	3/33	$360.43	3/34	$367.69
3845	12"	13.20	3/33	$364.90	3/30	$364.90	3/36	$411.50	3/36	$419.05
3845A	14"	15.30 - 16.25	1/22	$794.14	1/19	$794.14	1/21	$854.23	1/22	$889.32
3845B	14"	16.30 - 17.25	1/22	$906.94	1/22	$906.94	1/22	$974.29	1/22	$1,088.14
3845A	16"	17.40 - 18.40	1/23	$960.24	1/24	$960.24	1/20	$1,018.91	1/20	$1,126.03
3845B	16"	18.50 - 19.25	1/22	$960.24	1/22	$960.24	1/22	$1,018.91	1/22	$1,126.03
3845	18"	19.50 - 20.50	1/28	$1,131.00	1/21	$1,131.00	1/23	$1,131.00	1/21	$1,131.00
3845A	20"	21.20 - 22.20	1/23	$1,163.86	1/23	$1,163.86	1/23	$1,163.86	1/21	$1,163.86
3845B	20"	22.50 - 23.50	1/24	$1,198.66	1/23	$1,198.66	1/24	$1,198.66	1/24	$1,198.66
3845A	24"	23.80 - 24.80	1/25	$1,248.67	1/25	$1,248.67	1/25	$1,248.67	1/25	$1,248.67
3845B	24"	25.60 - 26.50	1/25	$1,278.76	1/28	$1,278.76	1/25	$1,278.76	1/24	$1,278.76
3845	30"	31.74 - 32.74	1/30	$1,342.89	1/30	$1,342.89	1/30	$1,342.89	1/28	$1,342.89

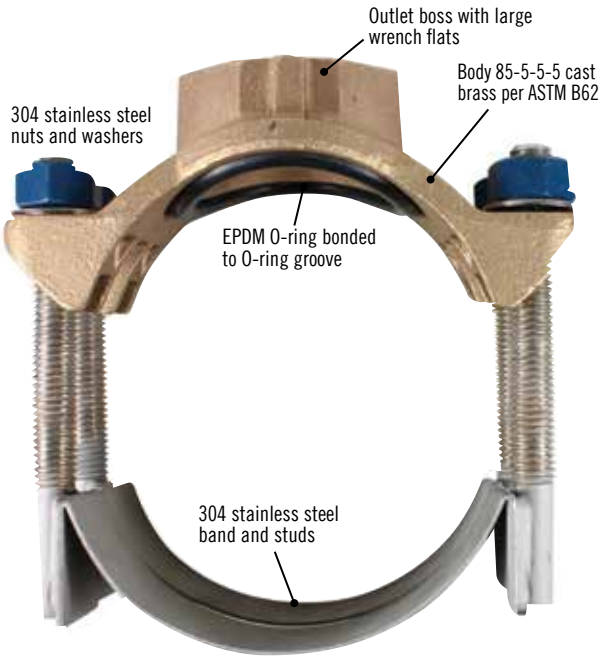
3846

			FNPT TAP							
	Nominal		3/4"		1"		1 1/2"		2"	
Model	Size	Pipe O.D.	CTN/WT	Price	CTN/WT	Price	CTN/WT	Price	CTN/WT	Price
3846	4"	4.80	5/31	$181.73	5/30	$181.73	5/38	$211.94	5/36	$219.17
3846	6"	6.90	5/36	$214.01	5/36	$214.01	5/42	$244.70	5/40	$255.42
3846	8"	9.05	5/41	$264.93	5/40	$264.93	4/38	$278.84	4/36	$288.40
3846	10"	11.10	3/29	$328.17	3/29	$328.17	3/32	$360.43	3/31	$367.69
3846	12"	13.20	3/33	$364.90	3/33	$364.90	3/36	$411.50	3/35	$419.05
3846A	14"	15.30 - 16.25	1/22	$794.14	1/19	$794.14	1/21	$854.23	1/21	$889.32
3846B	14"	16.30 - 17.25	1/21	$777.82	1/20	$906.94	1/22	$974.29	1/22	$1,088.14
3846A	16"	17.40 - 18.40	1/21	$960.24	1/21	$960.24	1/22	$1,018.91	1/20	$1,126.03
3846B	16"	18.50 - 19.25	1/22	$960.24	1/22	$960.24	1/22	$1,018.91	1/22	$1,126.03
3846	18"	19.50 - 20.50	1/22	$1,131.00	1/26	$1,131.00	1/23	$1,131.00	1/21	$1,131.00
3846A	20"	21.20 - 22.20	1/23	$1,163.86	1/23	$998.16	1/23	$998.16	1/22	$998.16
3846B	20"	22.50 - 23.50	1/24	$1,198.66	1/24	$1,198.66	1/24	$1,198.66	1/24	$1,198.66
3846A	24"	23.80 - 24.80	1/25	$1,070.90	1/25	$1,070.90	1/25	$1,070.90	1/24	$1,070.90
3846B	24"	25.60 - 26.50	1/25	$1,278.76	1/25	$1,278.76	1/25	$1,278.76	1/29	$1,278.76
3846	30"	31.74 - 32.74	1/30	$1,342.89	1/30	$1,342.89	1/30	$1,342.89	1/30	$1,342.89

3855 AWWA TAP / 3856 FNPT TAP

CAST IRON O.D. PVC PIPE (AWWA C900), STAINLESS STEEL DOUBLE BAND SADDLES WITH BRASS TOP

A.Y. McDonald Mfg. Co. 3855 / 3856 Stainless Steel Double Band Brass Service Saddles are designed for use on service line connections to cast iron O.D. PVC pipe AWWA C-900 water mains. The pressure capabilities equal, but do not exceed, the working pressure rating of the pipe up to 200 PSIG.



Installation instructions are provided with each saddle. Please read and follow instructions to ensure long lasting performance.

MATERIALS

Body - 85-5-5-5 cast brass per ASTM B62
Band and Studs - 304 Stainless Steel
Nuts and Washers - 304 Stainless Steel
Nuts are supplied with Fluorocarbon coating

NOTES

- Order Saddles by Model Number, Nominal Pipe Size and Tap Size **(Example: 3855 8" x 1")**.
- All Saddles have Pipe O.D. identification.
- All A.Y. McDonald Service Saddles meet A.W.W.A. standards.
- Use on cold water services only.

OPTIONS

- Contact factory for 1/2" or 1 1/4" tapped saddles.
- Contact factory for availability BSPT (British Standard Pipe Taper Thread tapped saddles.
- EPDM Flat gasket in place of EPDM O-Ring - add "F" to end of model number i.e. 3855 = 3855F (price is the same as EPDM O-ring style).
- 316 Stainless Steel Bands - add "-316" at end of model number i.e. 3855 = 3855-316 (contact factory for pricing and availability)
- Viton® O-rings - add "V" to end of model number i.e. 3855 = 3855V (see below for pricing)

Viton® O-ring adder "V"
3/4".....$ 11.67
1".....$ 11.67
1 1/2".....$ 16.88
2".....$ 16.88

3855 AWWA TAP / 3856 FNPT TAP

CAST IRON O.D. PVC PIPE (AWWA C900), STAINLESS STEEL DOUBLE BAND SADDLES WITH BRASS TOP

3855

			AWWA TAP							
	Nominal		3/4"		1"		1 1/2"		2"	
Model	Size	Pipe O.D.	CTN/WT	Price	CTN/WT	Price	CTN/WT	Price	CTN/WT	Price
3855	4"	4.80	5/30	$181.73	5/31	$181.73	5/37	$211.94	5/39	$219.17
3855	6"	6.90	5/36	$214.01	5/36	$214.01	5/42	$244.70	5/43	$255.42
3855	8"	9.05	5/43	$264.93	5/41	$264.93	4/39	$278.84	4/39	$288.65
3855	10"	11.10	3/30	$329.69	3/30	$329.69	3/34	$360.43	3/33	$367.69
3855	12"	13.20	3/34	$364.90	3/33	$364.90	3/39	$411.50	3/37	$419.05

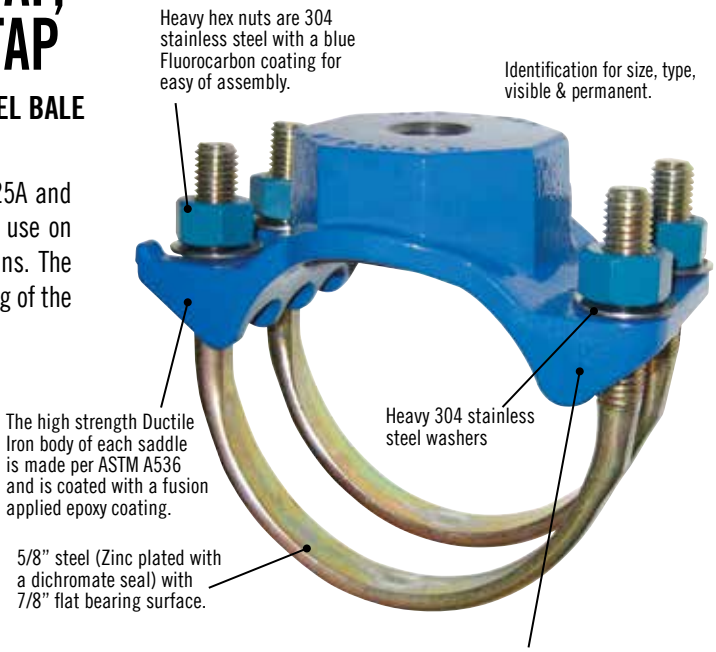
3856

			FNPT TAP							
	Nominal		3/4"		1"		1 1/2"		2"	
Model	Size	Pipe O.D.	CTN/WT	Price	CTN/WT	Price	CTN/WT	Price	CTN/WT	Price
3856	4"	4.80	5/32	$181.73	5/31	$181.73	5/37	$211.94	5/37	$219.17
3856	6"	6.90	5/37	$214.01	5/36	$214.01	5/43	$244.70	5/42	$255.42
3856	8"	9.05	5/42	$264.93	5/43	$264.93	4/39	$278.84	4/38	$288.65
3856	10"	11.10	3/30	$329.69	3/30	$329.69	3/34	$360.43	3/33	$367.69
3856	12"	13.20	3/33	$364.90	3/33	$364.90	3/37	$411.50	3/36	$419.05

4815A AWWA TAP / 4816A FNPT TAP, 4825A AWWA TAP / 4826A FNPT TAP

DUCTILE IRON, CAST IRON O.D. PIPE, SINGLE OR DOUBLE STEEL BALE SADDLES WITH DUCTILE IRON TOP WITH EPOXY COATING

A.Y. McDonald Mfg. Co. Model 4815A / 4816A Single Steel Bale and 4825A and 4826A Double Steel Bale Ductile Iron Service Saddles are designed for use on service line connections to ductile iron or cast iron O.D. pipe water mains. The pressure capabilities equal, but do not exceed, the working pressure rating of the pipe up to 200 PSIG.



One side of the saddle has closed lugs to allow for pre-assembly, the other side has tapered open lugs with nubs to assist and make installation easier.

Installation instructions are provided with each saddle. Please read and follow instructions to ensure long lasting performance.

MATERIALS

Body - Ductile Iron
Coating - Fusion Epoxy
Bale - Zinc Plated Steel
Nuts - Fluorocarbon coated 304 Stainless Steel
Washer - 304 Stainless Steel

NOTES

- Order Saddles by Model Number, Nominal Pipe Size and Tap Size **(Example: 4815A 8" x 1")**.
- All Saddles have Pipe O.D. identification.
- All A.Y. McDonald Service Saddles meet A.W.W.A. standards.
- Use on cold water services only.

OPTIONS

- Contact factory for 1/2" or 1 1/4" tapped saddles.
- Contact factory for availability BSPT (British Standard Pipe Taper Thread) tapped saddles.
- EPDM Flat gasket in place of EPDM O-Ring - add "F" to end of model number i.e. 4815A = 4815AF (price is the same as EPDM O-ring style).
- Viton® O-rings - add "V" to end of model number i.e. 4815A = 4815AV (see below for pricing)

Viton® O-ring adder "V"
3/4".....$ 11.67
1".....$ 11.67
1 1/2".....$ 16.88
2".....$ 16.88



Single Bale
4815A AWWA Tap
4816A FNPT TAP



Double Bale
4825A AWWA Tap
4826A FNPT TAP

4815A AWWA TAP / 4816A FNPT TAP, 4825A AWWA TAP / 4826A FNPT TAP

DUCTILE IRON, CAST IRON O.D. PIPE, SINGLE OR DOUBLE STEEL BALE SADDLES WITH DUCTILE IRON TOP WITH EPOXY COATING

4815A
Single Steel Bale

			AWWA TAP											
	Nominal		1/2"		3/4"		1"		1 1/4"		1 1/2"		2"	
Model	Size	Pipe O.D.	CTN/WT	Price	CTN/WT	Price	CTN/WT	Price	CTN/WT	Price	CTN/WT	Price	CTN/WT	Price
4815A	4"	4.50 - 4.80	4/26	$40.78	4/26	$40.78	4/26	$40.78	4/26	$51.13	4/24	$51.13	4/23	$51.13
4815A	6"	6.63 - 6.90	4/29	$47.24	4/29	$47.24	4/28	$47.24	4/27	$55.50	4/27	$55.50	4/25	$55.50
4815A	8"	8.63 - 9.05	3/25	$56.04	3/25	$56.04	3/25	$56.04	3/28	$66.90	3/23	$66.90	3/28	$66.90
4815A	10"	10.75 - 11.10	3/27	$62.24	3/27	$62.24	3/32	$62.24	3/31	$76.04	3/31	$76.04	3/31	$76.04
4815A	12"	12.75 - 13.20	3/35	$72.00	3/35	$72.00	3/38	$72.00	3/31	$88.40	3/34	$88.40	3/27	$88.40

4816A
Single Steel Bale

			FNPT TAP											
	Nominal		1/2"		3/4"		1"		1 1/4"		1 1/2"		2"	
Model	Size	Pipe O.D.	CTN/WT	Price	CTN/WT	Price	CTN/WT	Price	CTN/WT	Price	CTN/WT	Price	CTN/WT	Price
4816A	4"	4.50 - 4.80	4/26	$40.78	4/26	$40.78	4/26	$40.78	4/29	$51.13	4/25	$51.13	4/24	$51.13
4816A	6"	6.63 - 6.90	4/31	$47.24	4/31	$47.24	4/29	$47.24	4/28	$55.50	4/28	$55.50	4/26	$55.50
4816A	8"	8.63 - 9.05	3/25	$56.04	3/25	$56.04	3/29	$56.04	3/28	$66.90	3/24	$66.90	3/25	$66.90
4816A	10"	10.75 - 11.10	3/27	$62.24	3/27	$62.24	3/32	$62.24	3/31	$76.04	3/31	$76.04	3/25	$76.04
4816A	12"	12.75 - 13.20	3/35	$72.00	3/35	$72.00	3/30	$72.00	3/34	$88.40	3/34	$88.40	3/31	$88.40

4825A
Double Steel Bale

			AWWA TAP											
	Nominal		1/2"		3/4"		1"		1 1/4"		1 1/2"		2"	
Model	Size	Pipe O.D.	CTN/WT	Price	CTN/WT	Price	CTN/WT	Price	CTN/WT	Price	CTN/WT	Price	CTN/WT	Price
4825A	4"	4.50 - 4.80	4/32	$53.61	4/32	$53.61	4/31	$53.61	4/31	$61.03	4/30	$61.03	4/28	$61.03
4825A	6"	6.63 - 6.90	4/35	$61.72	4/35	$61.72	4/35	$61.72	4/34	$70.43	4/32	$70.43	4/33	$70.43
4825A	8"	8.63 - 9.05	3/30	$69.76	3/30	$69.76	3/31	$69.76	3/30	$77.16	3/31	$77.16	3/28	$77.16
4825A	10"	10.75 - 11.10	3/33	$91.85	3/33	$91.85	3/33	$91.85	3/38	$104.88	3/31	$104.88	3/30	$104.88
4825A	12"	12.75 - 13.20	3/39	$109.88	3/39	$109.88	3/38	$109.88	3/42	$122.82	3/37	$122.82	3/36	$122.82

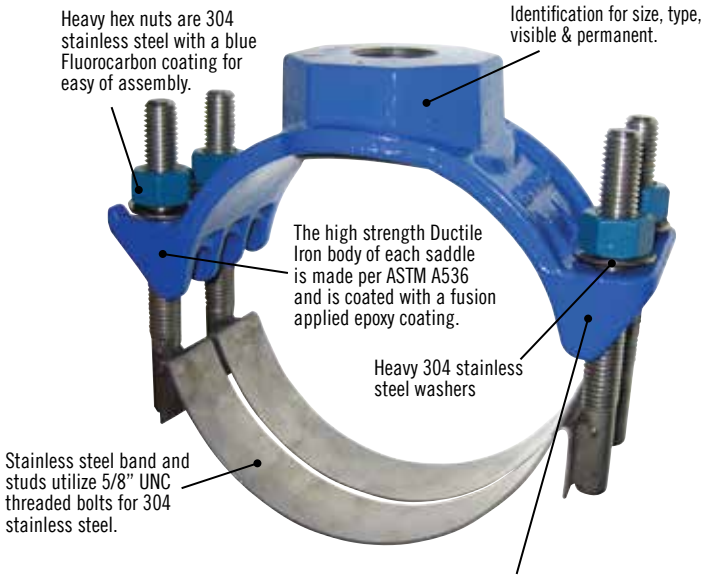
4826A
Double Steel Bale

			FNPT TAP											
	Nominal		1/2"		3/4"		1"		1 1/4"		1 1/2"		2"	
Model	Size	Pipe O.D.	CTN/WT	Price	CTN/WT	Price	CTN/WT	Price	CTN/WT	Price	CTN/WT	Price	CTN/WT	Price
4826A	4"	4.50 - 4.80	4/32	$53.61	4/32	$53.61	4/33	$53.61	4/31	$61.03	4/31	$61.03	4/31	$61.03
4826A	6"	6.63 - 6.90	4/37	$61.72	4/37	$61.72	4/33	$61.72	4/34	$70.43	4/36	$70.43	4/32	$70.43
4826A	8"	8.63 - 9.05	3/33	$69.76	3/33	$69.76	3/32	$69.76	3/30	$77.16	3/32	$77.16	3/30	$77.16
4826A	10"	10.75 - 11.10	3/32	$91.85	3/32	$91.85	3/33	$91.85	3/38	$104.88	3/38	$104.88	3/33	$104.88
4826A	12"	12.75 - 13.20	3/42	$109.88	3/42	$109.88	3/39	$109.88	3/42	$122.82	3/42	$122.82	3/36	$122.82

4835A AWWA TAP / 4836A FNPT TAP, 4845A AWWA TAP / 4846A FNPT TAP & 4855A AWWA TAP / 4856A FNPT TAP

CAST IRON O.D., PVC PIPE (AWWA C900) SINGLE, WIDE OR DOUBLE STAINLESS STEEL BAND SADDLES WITH DUCTILE IRON TOP WITH EPOXY COATING

A.Y. McDonald Mfg. Co. Model 4835A / 4836A Single Stainless Steel Band, 4845A / 4846A Wide Stainless Steel Band and 4855A and 4856A Double Stainless Steel Band Ductile Iron Service Saddles are designed for use on service line connections to Cast Iron O.D. and PVC (AWWA C900) water mains. The pressure capabilities equal, but do not exceed, the working pressure rating of the pipe up to 200 PSIG.



One side of the saddle has closed lugs to allow for pre-assembly, the other side has tapered open lugs with nubs to assist and make installation easier.

Installation instructions are provided with each saddle. Please read and follow instructions to ensure long lasting performance.

MATERIALS

Body - Ductile Iron
Coating - Fusion Epoxy
Band - Stainless Steel
Nuts - Fluorocarbon coated 304 Stainless Steel
Washer - 304 Stainless Steel

NOTES

- Order Saddles by Model Number, Nominal Pipe Size and Tap Size **(Example: 4835A 8" x 1")**.
- All Saddles have Pipe O.D. size identification.
- All A.Y. McDonald Service Saddles meet A.W.W.A. standards.
- Use on cold water services only.

OPTIONS

- Contact factory for 1/2" or 1 1/4" tapped saddles.
- Contact factory for availability BSPT (British Standard Pipe Taper Thread) tapped saddles.
- EPDM Flat gasket in place of EPDM O-Ring - add "F" to end of model number i.e. 4815A = 4815AF (price is the same as EPDM O-ring style).
- Viton® O-rings - add "V" to end of model number i.e. 4835A = 4835AV (see below for pricing)

Viton® O-ring adder "V"
3/4".....$ 11.67
1".....$ 11.67
1 1/2".....$ 16.88
2".....$ 16.88



Single Band
4835A AWWA Tap
4836A FNPT TAP



Single Wide-Band
4845A AWWA Tap
4846A FNPT TAP
3" Wide four bolt band



Double Band
4855A AWWA Tap
4856A FNPT TAP

4835A AWWA TAP / 4836A FNPT TAP, 4845A AWWA TAP / 4846A FNPT TAP & 4855A AWWA TAP / 4856A FNPT TAP

CAST IRON O.D., PVC PIPE (AWWA C900) SINGLE, WIDE OR DOUBLE STAINLESS STEEL BAND SADDLES WITH DUCTILE IRON TOP WITH EPOXY COATING

4835A
Single Stainless Steel Band

			AWWA TAP											
	Nominal		1/2"		3/4"		1"		1 1/4"		1 1/2"		2"	
Model	Size	Pipe O.D.	CTN/WT	Price	CTN/WT	Price	CTN/WT	Price	CTN/WT	Price	CTN/WT	Price	CTN/WT	Price
4835A	4"	4.50 - 4.80	4/27	$66.55	4/27	$66.55	4/27	$66.55	4/26	$91.42	4/26	$91.42	4/24	$91.42
4835A	6"	6.63 - 6.90	4/31	$71.25	4/31	$71.25	4/31	$71.25	4/36	$87.60	4/27	$87.60	4/28	$87.60
4835A	8"	8.63 - 9.05	3/27	$81.34	3/27	$81.34	3/26	$81.34	3/26	$99.33	3/25	$99.33	3/24	$99.33
4835A	10"	10.75 - 11.10	3/26	$93.28	3/26	$93.28	3/27	$93.28	3/31	$120.89	3/25	$120.89	3/23	$120.89
4835A	12"	12.75 - 13.20	3/31	$106.99	3/31	$106.99	3/31	$106.99	3/34	$170.07	3/35	$170.07	3/26	$170.07

4836A
Single Stainless Steel Band

			FNPT TAP											
	Nominal		1/2"		3/4"		1"		1 1/4"		1 1/2"		2"	
Model	Size	Pipe O.D.	CTN/WT	Price	CTN/WT	Price	CTN/WT	Price	CTN/WT	Price	CTN/WT	Price	CTN/WT	Price
4836A	4"	4.50 - 4.80	4/29	$66.55	4/29	$66.55	4/27	$66.55	4/24	$91.42	4/29	$91.42	4/24	$91.42
4836A	6"	6.63 - 6.90	4/29	$71.25	4/29	$71.25	4/28	$71.25	4/36	$87.60	4/28	$87.60	4/27	$87.60
4836A	8"	8.63 - 9.05	3/26	$81.34	3/26	$81.34	3/24	$81.34	3/28	$99.33	3/24	$99.33	3/23	$99.33
4836A	10"	10.75 - 11.10	3/32	$93.28	3/32	$93.28	3/26	$93.28	3/31	$120.89	3/31	$120.89	3/31	$120.89
4836A	12"	12.75 - 13.20	3/28	$106.99	3/28	$106.99	3/28	$106.99	3/34	$170.07	3/34	$170.07	3/34	$170.07

4845A
Wide Stainless Steel Band

			AWWA TAP											
	Nominal		1/2"		3/4"		1"		1 1/4"		1 1/2"		2"	
Model	Size	Pipe O.D.	CTN/WT	Price	CTN/WT	Price	CTN/WT	Price	CTN/WT	Price	CTN/WT	Price	CTN/WT	Price
4845A	4"	4.50 - 4.80	4/33	$104.44	4/33	$104.44	4/33	$104.44	4/32	$110.52	4/31	$110.52	4/29	$110.52
4845A	6"	6.63 - 6.90	4/35	$105.92	4/35	$105.92	4/35	$105.92	4/34	$113.97	4/36	$113.97	4/31	$113.97
4845A	8"	8.63 - 9.05	3/31	$127.90	3/31	$127.90	3/31	$127.90	3/29	$136.54	3/28	$136.54	3/28	$136.54
4845A	10"	10.75 - 11.10	3/31	$152.22	3/31	$152.22	3/34	$152.22	3/38	$161.05	3/31	$161.05	3/29	$161.05
4845A	12"	12.75 - 13.20	3/36	$173.85	3/36	$173.85	3/37	$173.85	3/33	$177.92	3/33	$177.92	3/31	$177.92

4846A
Wide Stainless Steel Band

			FNPT TAP											
	Nominal		1/2"		3/4"		1"		1 1/4"		1 1/2"		2"	
Model	Size	Pipe O.D.	CTN/WT	Price	CTN/WT	Price	CTN/WT	Price	CTN/WT	Price	CTN/WT	Price	CTN/WT	Price
4846A	4"	4.50 - 4.80	4/33	$104.44	4/33	$104.44	4/36	$104.44	4/32	$110.52	4/29	$110.52	4/30	$110.52
4846A	6"	6.63 - 6.90	4/35	$105.92	4/35	$105.92	4/37	$105.92	4/36	$113.97	4/37	$113.97	4/35	$113.97
4846A	8"	8.63 - 9.05	3/30	$127.90	3/30	$127.90	3/31	$127.90	3/29	$136.54	3/34	$136.54	3/29	$136.54
4846A	10"	10.75 - 11.10	3/32	$152.22	3/32	$152.22	3/32	$152.22	3/38	$161.05	3/31	$161.05	3/30	$161.05
4846A	12"	12.75 - 13.20	3/42	$173.85	3/42	$173.85	3/34	$173.85	3/42	$177.92	3/33	$177.92	3/32	$177.92

4855A
Double Stainless Steel Band

			AWWA TAP											
	Nominal		1/2"		3/4"		1"		1 1/4"		1 1/2"		2"	
Model	Size	Pipe O.D.	CTN/WT	Price	CTN/WT	Price	CTN/WT	Price	CTN/WT	Price	CTN/WT	Price	CTN/WT	Price
4855A	4"	4.50 - 4.80	4/34	$116.91	4/34	$116.91	4/36	$116.91	4/35	$124.79	4/31	$124.79	4/32	$124.79
4855A	6"	6.63 - 6.90	4/37	$118.90	4/37	$118.90	4/37	$118.90	4/35	$128.32	4/39	$128.32	4/33	$128.32
4855A	8"	8.63 - 9.05	3/33	$143.05	3/33	$143.05	3/32	$143.05	3/29	$153.96	3/30	$153.96	3/30	$153.96
4855A	10"	10.75 - 11.10	3/35	$171.88	3/35	$171.88	3/32	$171.88	3/38	$182.00	3/31	$182.00	3/21	$182.00
4855A	12"	12.75 - 13.20	2/27	$196.65	2/27	$196.65	2/23	$196.65	2/28	$202.36	2/22	$202.36	2/22	$202.36

4856A
Double Stainless Steel Band

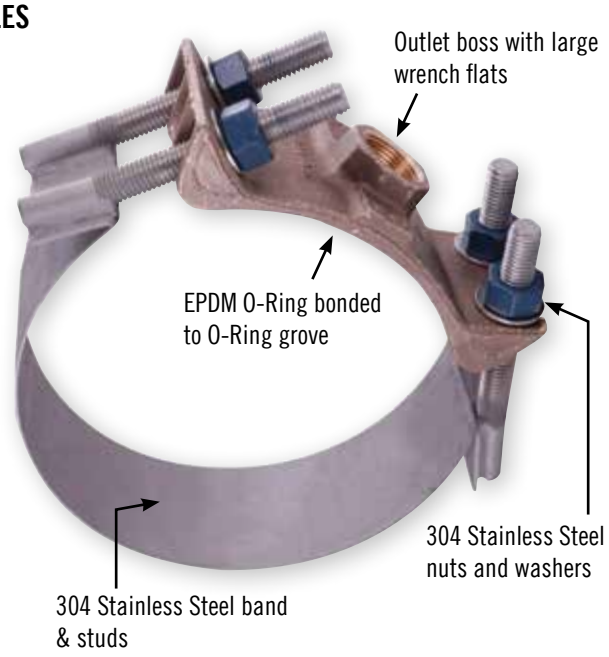
			FNPT TAP											
	Nominal		1/2"		3/4"		1"		1 1/4"		1 1/2"		2"	
Model	Size	Pipe O.D.	CTN/WT	Price	CTN/WT	Price	CTN/WT	Price	CTN/WT	Price	CTN/WT	Price	CTN/WT	Price
4856A	4"	4.50 - 4.80	4/33	$116.91	4/33	$116.91	4/33	$116.91	4/30	$124.79	4/34	$124.79	4/34	$124.79
4856A	6"	6.63 - 6.90	4/36	$118.90	4/36	$118.90	4/36	$118.90	4/42	$128.32	4/36	$128.32	4/34	$128.32
4856A	8"	8.63 - 9.05	3/29	$143.05	3/29	$143.05	3/31	$143.05	3/34	$153.96	3/31	$153.96	3/30	$153.96
4856A	10"	10.75 - 11.10	3/33	$171.88	3/33	$171.88	3/32	$171.88	3/38	$182.00	3/31	$182.00	3/30	$182.00
4856A	12"	12.75 - 13.20	2/28	$196.65	2/28	$196.65	2/23	$196.65	2/28	$202.36	2/23	$202.36	2/22	$202.36

73875 AWWA Tap / 73876 FNPT Tap - No-Lead Brass

CAST IRON O.D. PVC PIPE / AWWA C900 NO-LEAD BRASS SERVICE SADDLES WITH SINGLE WIDE STAINLESS STEEL BAND

A.Y. McDonald is happy to announce the addition of the No-Lead Brass Service Saddles with a single wide stainless steel band. The 73875 (AWWA tap) / 73876 (FNPT tap) service saddles have a wide stainless steel band. Saddles are designed for use on service line connections to cast iron O.D. PVC pipe / AWWA C-900 water mains.

The pressure capabilities equal, but do not exceed, the working pressure rating of the pipe, up to 200 PSIG. These No-Lead Saddles are designed with slots on one side of the saddle top for ease of installation. See installation instructions sheet for specific installation guidelines.



MATERIALS

Body - No-Lead Brass
Band and Studs - 304 Stainless Steel
Nuts and Washers - 304 Stainless Steel
Nuts - Fluorocarbon coated 304 Stainless Steel



NOTES

- Order Saddles by Model Number, Nominal Pipe Size and Tap Size **(Example: 73875 8" x 1")**.
- All Saddles have Pipe O.D. size identification.
- All A.Y. McDonald Service Saddles meet A.W.W.A. standards.
- Use on cold water services only.

OPTIONS

- EPDM Flat gasket in place of EPDM O-Ring - add "F" to end of model number i.e. 73875 = 73875F (price is the same as EPDM O-ring style).
- Viton® O-rings - add "V" to end of model number i.e. 73875 = 73875V (see below for pricing)

Viton® O-ring adder "V"
3/4".....$ 11.67
1".....$ 11.67
1 1/2".....$ 16.88
2".....$ 16.88

73875

			AWWA TAP									
	Nominal		3/4"		1"		1 1/4"		1 1/2"		2"	
Model	Size	Pipe O.D.	CTN/WT	Price	CTN/WT	Price	CTN/WT	Price	CTN/WT	Price	CTN/WT	Price
73875	4"	4.80	5/35	$181.73	5/30	$181.73	5/38	$211.94	5/38	$211.94	5/41	$219.17
73875	6"	6.90	5/50	$214.01	5/39	$214.01	5/52	$244.70	5/51	$244.70	5/48	$255.42
73875	8"	9.05	2/15	$264.93	2/7	$264.93	2/18	$278.84	2/18	$278.84	2/17	$288.40
73875	10"	11.10	2/20	$264.93	2/19	$328.17	2/23	$360.43	2/23	$360.43	2/22	$367.69
73875	12"	13.20	2/22	$364.90	2/24	$364.90	2/21	$411.50	2/25	$411.50	2/20	$419.05

73876

			FNPT TAP									
	Nominal		3/4"		1"		1 1/4"		1 1/2"		2"	
Model	Size	Pipe O.D.	CTN/WT	Price	CTN/WT	Price	CTN/WT	Price	CTN/WT	Price	CTN/WT	Price
73876	4"	4.80	5/31	$181.73	5/30	$181.73	5/38	$211.94	5/38	$211.94	5/38	$219.17
73876	6"	6.90	5/50	$214.01	5/50	$214.01	5/52	$244.70	5/51	$244.70	5/50	$255.42
73876	8"	9.05	2/15	$264.93	2/15	$266.03	2/19	$278.84	2/18	$278.84	2/18	$288.40
73876	10"	11.10	2/20	$364.90	2/19	$328.17	2/23	$360.43	2/23	$360.43	2/22	$367.69
73876	12"	13.20	2/25	$364.90	2/24	$364.90	2/21	$411.50	2/21	$411.50	2/20	$419.05

EPDM O-ring seal standard

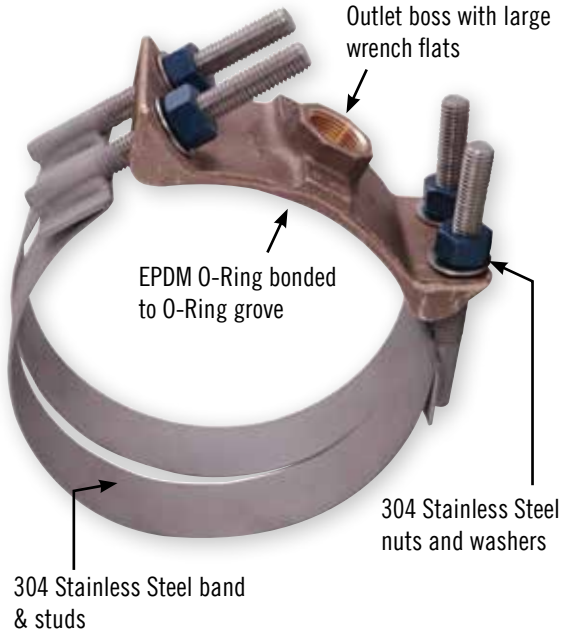
Optional
EPDM Flat Gasket or Viton O-ring Gasket Contact Factory for pricing.

73885 AWWA Tap / 73886 FNPT Tap - No-Lead Brass

CAST IRON O.D. PVC PIPE / AWWA C900 NO-LEAD BRASS SERVICE SADDLES WITH DOUBLE STAINLESS STEEL BAND

A.Y. McDonald is happy to announce the addition of the No-Lead Brass Service Saddles with a double stainless steel band. 73885 (AWWA tap) / 73886 (FNPT tap) service saddles have two stainless steel bands. Saddles are designed for use on service line connections to cast iron O.D. PVC pipe / AWWA C-900 water mains.

The pressure capabilities equal, but do not exceed, the working pressure rating of the pipe, up to 200 PSIG. These No-Lead Saddles are designed with slots on one side of the saddle top for ease of installation. See installation instructions sheet for specific installation guidelines.



MATERIALS

Body - No-Lead Brass
Band and Studs - 304 Stainless Steel
Nuts and Washers - 304 Stainless Steel
Nuts - Fluorocarbon coated 304 Stainless Steel

NOTES

- Order Saddles by Model Number, Nominal Pipe Size and Tap Size **(Example: 73875 8" x 1")**.
- All Saddles have Pipe O.D. size identification.
- All A.Y. McDonald Service Saddles meet A.W.W.A. standards.
- Use on cold water services only.



OPTIONS

- EPDM Flat gasket in place of EPDM O-Ring - add "F" to end of model number i.e. 73875 = 73875F (price is the same as EPDM O-ring style).
- Viton® O-rings - add "V" to end of model number i.e. 73875 = 73875V (see below for pricing)

Viton® O-ring adder "V"
3/4".....$ 11.67
1".....$ 11.67
1 1/2".....$ 16.88
2".....$ 16.88

73885

			AWWA TAP									
	Nominal		3/4"		1"		1 1/4"		1 1/2"		2"	
Model	Size	Pipe O.D.	CTN/WT	Price	CTN/WT	Price	CTN/WT	Price	CTN/WT	Price	CTN/WT	Price
73885	4"	4.80	5/39	$181.73	5/31	$181.73	5/38	$211.94	5/38	$211.94	5/38	$219.17
73885	6"	6.90	5/50	$214.01	5/50	$214.01	5/52	$244.70	5/51	$244.70	5/47	$255.42
73885	8"	9.05	2/16	$264.93	2/15	$264.93	2/19	$278.84	2/19	$278.84	2/18	$288.65
73885	10"	11.10	2/20	$364.90	2/19	$328.17	2/23	$360.43	2/23	$360.43	2/22	$367.69
73885	12"	13.20	2/25	$364.90	2/24	$364.90	2/21	$411.50	2/21	$411.50	2/20	$419.05

73886

			FNPT TAP									
	Nominal		3/4"		1"		1 1/4"		1 1/2"		2"	
Model	Size	Pipe O.D.	CTN/WT	Price	CTN/WT	Price	CTN/WT	Price	CTN/WT	Price	CTN/WT	Price
73886	4"	4.80	5/31	$181.73	5/31	$181.73	5/38	$211.94	5/38	$211.94	5/38	$219.17
73886	6"	6.90	5/50	$214.01	5/50	$214.01	5/52	$244.70	5/52	$244.70	5/50	$255.42
73886	8"	9.05	2/16	$264.93	2/7	$419.05	2/19	$278.84	2/19	$278.84	2/18	$288.65
73886	10"	11.10	2/18	$364.90	2/19	$328.17	2/23	$360.43	2/23	$360.43	2/22	$367.69
73886	12"	13.20	2/25	$364.90	2/24	$364.90	2/21	$411.50	2/21	$411.50	2/20	$419.05

428UDL Series Snap Clamps

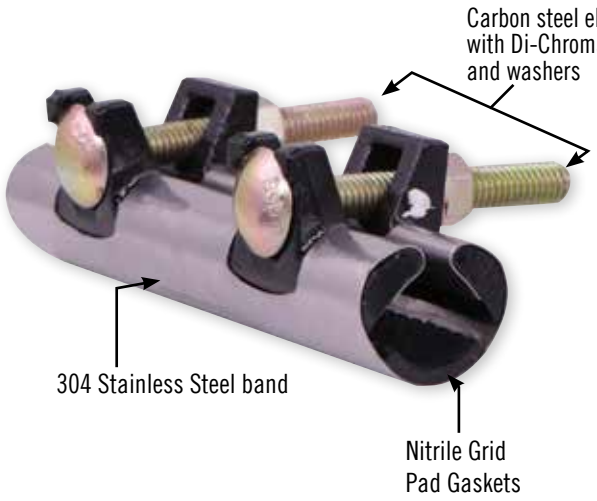
EPOXY COATED DUCTILE IRON LUG SNAP CLAMP

Our Stainless Steel Ductile Iron Lug Snap Clamps feature a nitrile grid gasket and a drop-in bolt design that allows the bolts to remain attached so that you have no loose parts in the ditch.



MATERIALS

Band - ASTM A240 Type 304 (18-8) Stainless Steel
Lug - Ductile Iron per ASTM A536, Epoxy Coated
Gasket - ASTM D200 Nitrile Grid Pad Gasket
Bolts - Carbon Steel Electro Galvanized with Di-Chromate Seal
Nuts - Carbon Steel Electro Galvanized with Di-Chromate Seal
Washers - Carbon Steel Electro Galvanized with Di-Chromate Seal



TO ORDER

To order 428 Series Model No. **428-0105-03UDL** means:

1	2	3	4	5	6	7
428	-	0105	-	03	U	DL
Series #		**O.D.**		**Width** 03 = 3” 06 = 6” 09 = 9” 12 = 12”	**U =** Snap Clamp	**DL =** Epoxy Coated Ductile Iron Lugs

Nom O.D.	O.D.	Pipe Material	Model Number	3” Add -03	6” Add -06	9” Add -09	12” Add - 12	Standard
1/2”	0.840”	IPS	428-0084-	$10.90	$20.13	NA	NA	UDL
3/4”	1.050”	IPS	428-0105-	$11.15	$20.75	$34.76	NA	UDL
1”	1.315”	IPS	428-0132-	$12.10	$22.12	$36.28	NA	UDL
1 1/4”	1.660”	IPS	428-0166-	$12.55	$23.29	$38.95	NA	UDL
1 1/2”	1.900”	IPS	428-0190-	$13.43	$25.30	$87.11	$52.46	UDL
2”	2.375”	IPS	428-0238-	$14.67	$26.56	$42.38	$53.93	UDL
2 1/2”	2.875”	IPS	428-0288-	$18.35	$36.64	$54.49	$73.59	UDL

428QDL Series Wrap Clamps

EPOXY COATED DUCTILE IRON LUG WRAP CLAMP

Our Stainless Steel Ductile Iron Lug Wrap Clamps feature a drop in nitrile grid gasket, dimpled armor plate and a drop-in bolt design that allows the bolts to remain attached so that you have no loose parts in the ditch.



MATERIALS

Band - ASTM A240 Type 304 (18-8) Stainless Steel
Lug - Ductile Iron per ASTM A536, Epoxy Coated
Gasket - ASTM D200 Nitrile Grid Wrap Gasket
Bolts - Carbon Steel Electro Galvanized with Di-Chromate Seal
Nuts - Carbon Steel Electro Galvanized with Di-Chromate Seal
Washers - Carbon Steel Electro Galvanized with Di-Chromate Seal
Armor Plate - ASTM A240 type 304 (18-18) Stainless Steel



TO ORDER

To order 428 Series Model No. **428-0105-03QDL** means:

1	2	3	4	5	6	7
428	-	0105	-	03	Q	DL
Series #		**O.D.**		**Width** 03 = 3" 06 = 6"	**Q =** Wrap Clamp	**DL =** Epoxy Coated Ductile Iron Lugs

Nom O.D.	O.D.	Pipe Material	Model Number	3" Add -03	6" Add -06	Standard
1/2"	0.625"	CTS	428-0063-	$37.41	NA	QDL
1/2"	0.840"	IPS	428-0084-	$37.41	$79.31	QDL
3/4"	0.875"	CTS	428-0088-	$37.89	$80.16	QDL
3/4"	1.050"	IPS	428-0105-	$37.89	$80.16	QDL
1"	1.125"	CTS	428-0113-	$40.11	$80.72	QDL
1"	1.315"	IPS	428-0132-	$40.11	$80.72	QDL
1 1/4"	1.375"	CTS	428-0138-	$41.38	$82.23	QDL
1 1/4"	1.660"	IPS	428-0166-	$41.38	$82.23	QDL
1 1/2"	1.625"	CTS	428-0163-	$42.24	$83.22	QDL
1 1/2"	1.900"	IPS	428-0190-	$42.24	$83.22	QDL
2"	2.125"	CTS	428-0213-	$45.97	$85.42	QDL
2"	2.375"	IPS	428-0238-	$45.97	$85.42	QDL

428USL Series Snap Clamps

CAST STAINLESS STEEL SNAP CLAMP

Our Stainless Steel Cast Lug Snap Clamps feature a nitrile grid gasket and a drop-in bolt design that allows the bolts to remain attached so that you have no loose parts in the ditch.



MATERIALS

Band - ASTM A240 Type 304 (18-8) Stainless Steel
Lug - Type 304 (CF8) Cast Stainless Steel per ASTM A743
Gasket - ASTM D200 Nitrile Grid Pad Gasket
Bolts - Type 304 Stainless Steel GR. 8 per ASTM A193
Nuts - Type 304 Stainless Steel GR. 8 per ASTM A194
Washers - ASTM A240 Type 304 (18-8) Stainless Steel



TO ORDER

To order 428 Series Model No. **428-0105-03USL** means:

1	2	3	4	5	6	7
428	-	0105	-	03	U	SL
Series #		**O.D.**		**Width** 03 = 3” 06 = 6” 09 = 9” 12 = 12”	**U =** Snap Clamp	**SL =** Cast Stainless Steel Lugs

Nom O.D.	O.D.	Pipe Material	Model Number	3” Add -03	6” Add -06	9” Add -09	12” Add - 12	Standard
1/2”	0.840”	IPS	428-0084-	$33.35	$52.27	NA	NA	USL
3/4”	1.050”	IPS	428-0105-	$33.58	$51.64	$80.82	NA	USL
1”	1.315”	IPS	428-0132-	$34.55	$53.60	$82.99	NA	USL
1 1/4”	1.660”	IPS	428-0166-	$34.97	$54.75	$84.45	NA	USL
1 1/2”	1.900”	IPS	428-0190-	$35.81	$56.71	$39.27	$115.76	USL
2”	2.375”	IPS	428-0238-	$40.31	$62.01	$96.32	$126.60	USL
2 1/2”	2.875”	IPS	428-0288-	$43.92	$71.90	$109.01	$146.78	USL

428QSL Series Wrap Clamps

CAST STAINLESS STEEL LUG WRAP CLAMP

Our Stainless Steel Cast Lug Wrap Clamps feature a drop in nitrile grid gasket, dimpled armor plate and a drop-in bolt design that allows the bolts to remain attached so that you have no loose parts in the ditch.



MATERIALS

Band - ASTM A240 Type 304 (18-8) Stainless Steel
Lug - Type 304 (CF8) Cast Stainless Steel per ASTM A743
Gasket - ASTM D200 Nitrile Grid Wrap Gasket
Bolts - Type 304 Stainless Steel GR. 8 per ASTM A193
Nuts - Type 304 Stainless Steel GR. 8 per ASTM A194
Washers - ASTM A240 Type 304 (18-8) Stainless Steel
Armor Plate - ASTM A240 type 304 (18-18) Stainless Steel



TO ORDER

To order 428 Series Model No. **428-0105-03QSL** means:

1	2	3	4	5	6	7
428	-	0105	-	03	Q	SL
Series #		**O.D.**		**Width** 03 = 3" 06 = 6"	**Q =** Wrap Clamp	**SL =** Cast Stainless Steel Lugs

Nom O.D.	O.D.	Pipe Material	Model Number	3" Add -03	6" Add -06	Standard
1/2"	0.625"	CTS	428-0063-	$60.23	NA	QSL
1/2"	0.840"	IPS	428-0084-	$60.23	$110.93	QSL
3/4"	0.875"	CTS	428-0088-	$60.69	$111.78	QSL
3/4"	1.050"	IPS	428-0105-	$60.69	$111.78	QSL
1"	1.125"	CTS	428-0113-	$62.87	$112.33	QSL
1"	1.315"	IPS	428-0132-	$62.87	$112.33	QSL
1 1/4"	1.375"	CTS	428-0138-	$64.14	$113.81	QSL
1 1/4"	1.660"	IPS	428-0166-	$64.14	$113.81	QSL
1 1/2"	1.625"	CTS	428-0163-	$64.99	$114.79	QSL
1 1/2"	1.900"	IPS	428-0190-	$64.99	$114.79	QSL
2"	2.125"	CTS	428-0213-	$72.04	$121.17	QSL
2"	2.375"	IPS	428-0238-	$72.04	$121.17	QSL

8403 Series Service Saddles

STAINLESS STEEL SADDLES WITH LIFTER PLATE

Our Stainless Steel Series service saddles feature a fully welded bar, chemically passivated welds, anti-gall nuts, NBR Pad O-Ring gasket, and AWWA & FNPT taps. Multiple sizes are available including standard and custom diameter ranges.



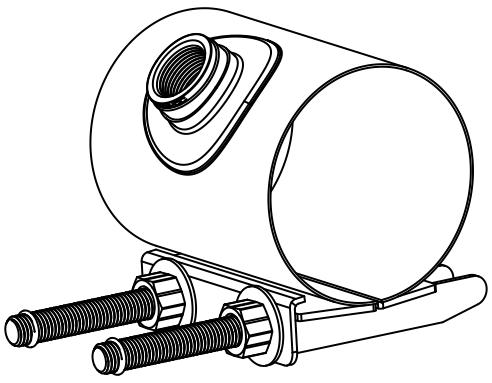
MATERIALS

Band - ASTM A240 Type 304 (18-8) Stainless Steel
Lifter Plate - ASTM A240 Type 304 (18-8) Stainless Steel
Gasket - Nitrile (NBR) Pad O-Ring Gasket meets ASTM D2000 & NSF 61
Studs - ASTM F593 Type 304 (18-8) Stainless Steel
Nuts - ASTM F594 Type 304 (18-8) Stainless Steel coated to prevent galling
Washers - ASME B18.22.1 Type 304 (18-8) Stainless Steel

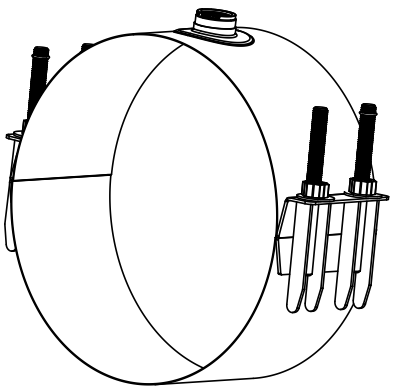
NOTES

- Order Saddles by Model Number, for example 8403-0677-A3NPG
- All Saddles have Pipe O.D. range identification
- All A.Y. McDonald Saddles meet AWWA standards and are certified to NSF 61
- Rated for 250 PSI working pressure

Size	Tap	Band	Width
4” nominal size	3/4” / 1”	20 Gauge	6” Wide
4” nominal size	1 1/4”/ 1 1/2”/ 2”	20 Gauge	8” Wide
6” to 8” nominal size	3/4” / 1”	20 Gauge	6” Wide
6” to 8” nominal size	1 1/4”/ 1 1/2”/ 2”	18 Gauge	8” Wide
All 10” nominal size and larger	3/4” / 1”	18 Gauge	6” Wide
All 10” nominal size and larger	1 1/4”/ 1 1/2”/ 2”	18 Gauge	8” Wide



4” to 12” - one piece design (2 bolts per)



14” and larger - two piece design (4 bolts per)

8403 Series Service Saddles

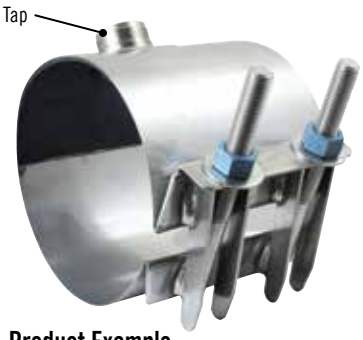
STAINLESS STEEL SADDLES WITH LIFTER PLATE

To order 8403 Series Model No. **8403-0450-A3NPG** means:

1	2	3	4	5	6	7	8	9	10	11	12
8403	-	0	4	5	0	-	A	3	N	P	G
Series #		Mid O.D. Range					Tap Configuration	Tap Size	Nitrile Pad Gasket		

A = AWWA
F = FNPT

3 = 3/4"
4 = 1"
5 = 1 1/4"
6 = 1 1/2"
7 = 2"



Product Example:
8403-0450-A3NPG (Nitrile Pad Gasket)
Standard NPG

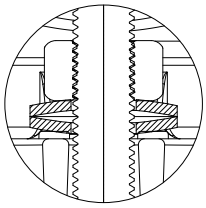
			Model #		Outlet A (AWWA) or F (FNPT)					
Nom. O.D.	O.D. Range	Pipe Material	Series #	Mid O.D. Range #	3/4" A3 or F3	1" A4 or F4	1 1/4" A5 or F5	1 1/2" A6 or F6	2" A7 or F7	Standard
4	4.30 - 4.70	IPS	8403-	0450-	$77.04	$77.04	$152.94	$152.94	$152.94	NPG
4	4.45 - 4.85		8403-	0465-	$77.04	$77.04	$152.94	$152.94	$152.94	NPG
4	4.60 - 5.00	C900, DIP, Cast A - D	8403-	0480-	$77.04	$77.04	$152.94	$152.94	$152.94	NPG
6	6.43 - 6.83	IPS	8403-	0663-	$110.23	$110.23	$157.40	$157.40	$157.40	NPG
6	6.54 - 7.00		8403-	0677-	$110.23	$110.23	$157.40	$157.40	$157.40	NPG
6	6.70 - 7.10	C900, DIP, Cast A - D	8403-	0690-	$110.23	$110.23	$157.40	$157.40	$157.40	NPG
8	8.43 - 8.83	IPS	8403-	0863-	$111.82	$111.82	$162.84	$162.84	$162.84	NPG
8	8.63 - 9.08		8403-	0886-	$111.82	$111.82	$162.84	$162.84	$162.84	NPG
8	8.85 - 9.25	C900, DIP, Cast A - B	8403-	0905-	$111.82	$111.82	$162.84	$162.84	$162.84	NPG
10	10.55 - 10.95	IPS	8403-	1075-	$136.28	$136.28	$172.90	$172.90	$172.90	NPG
10	10.70 - 11.16		8403-	1093-	$136.28	$136.28	$172.90	$172.90	$172.90	NPG
10	10.90 - 11.30	C900, DIP, Cast A - B	8403-	1110-	$136.28	$136.28	$172.90	$172.90	$172.90	NPG
12	12.55 - 12.95	IPS	8403-	1275-	$139.38	$139.38	$181.98	$181.98	$181.98	NPG
12	12.74 - 13.21		8403-	1298-	$139.38	$139.38	$181.98	$181.98	$181.98	NPG
12	13.00 - 13.40	C900, DIP, Cast A - B	8403-	1320-	$139.38	$139.38	$181.98	$181.98	$181.98	NPG
14	13.60 - 14.40	IPS	8403-	1400-	$247.83	$247.83	$258.23	$258.23	$258.23	NPG
14	14.00 - 14.47		8403-	1424-	$247.83	$247.83	$258.23	$258.23	$258.23	NPG
14	14.90 - 15.70	C900/C905, DIP, Cast A - D	8403-	1530-	$247.83	$247.83	$258.23	$258.23	$258.23	NPG
14	15.18 - 15.65		8403-	1542-	$247.83	$247.83	$258.23	$258.23	$258.23	NPG
16	15.60 - 16.40	IPS	8403-	1600-	$260.76	$260.76	$269.34	$269.34	$269.34	NPG
16	16.39 - 16.86		8403-	1663-	$260.76	$260.76	$269.34	$269.34	$269.34	NPG
16	17.00 - 17.80	C900/C905, DIP, Cast A - D	8403-	1740-	$260.76	$260.76	$269.34	$269.34	$269.34	NPG
16	17.28 - 17.75		8403-	1752-	$260.76	$260.76	$269.34	$269.34	$269.34	NPG
18	17.60 - 18.40	IPS	8403-	1800-	$267.03	$267.03	$279.90	$279.90	$279.90	NPG
18	18.64 - 19.11		8403-	1891-	$267.03	$267.03	$279.90	$279.90	$279.90	NPG
18	19.10 - 19.90	C900/C905, DIP, Cast A - B	8403-	1950-	$267.03	$267.03	$279.90	$279.90	$279.90	NPG
20	19.60 - 20.40	IPS	8403-	2000-	$294.71	$294.71	$302.41	$302.41	$302.41	NPG
20	21.20 - 22.00	C900/C905, DIP, Cast A - B	8403-	2160-	$294.71	$294.71	$302.41	$302.41	$302.41	NPG
24	23.60 - 24.40	IPS	8403-	2400-	$306.02	$306.02	$331.28	$331.28	$331.28	NPG
24	25.40 - 26.20	C900/C905, DIP, Cast A - B	8403-	2580-	$306.02	$306.02	$331.28	$331.28	$331.28	NPG
30	29.20 - 30.80	IPS	8403-	3000-	$373.62	$373.62	$402.17	$402.17	$402.17	NPG
30	31.45 - 33.05	C900/C905, DIP, Cast A - D	8403-	3225-	$373.62	$373.62	$402.17	$402.17	$402.17	NPG
36	35.20 - 36.80	IPS	8403-	3600-	$473.24	$473.24	$501.80	$501.80	$501.80	NPG
36	37.80 - 39.40	C900/C905, DIP, Cast A - D	8403-	3860-	$473.24	$473.24	$501.80	$501.80	$501.80	NPG

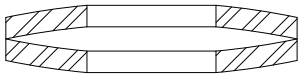
See page 138 for O.D. Chart

Different sizes and configurations available, please call for details



8403BW
Belleville Washer Kit (for HDPE pipe) - List $ 22.13
Kit includes: 8 washers, enough for 4 studs (2 per stud)
Washers should be positioned with the concave sides facing each other.





Install concave washer sides facing each other.

Another Innovative Product from A.Y. McDonald Mfg. Co.

78423 Series Integral Corp Saddle with TECK™ Fastening System

A.Y. McDonald's new 78423 Series Integral Corp Saddle not only eliminates an extra leak path,but also gets the installer out of the ditch quicker when tapping a water main. The 78423 Series contains our very popular NL brass body ball valve with a 304 stainless steel Teck™ Fastening System design. A.Y. McDonald ball valve corporation stops all come with a 90º degree (On/Off) enlarged operating head and are made for low turning torques and high pressures (300 PSIG).

Using A.Y. McDonald's new Integral Corp Saddle takes the guess work out of direct tapping into the water main and how far to thread the corporation stop into the main or saddle to get sufficient seal on the threads. Outlet threads adapt to currect drilling machine adapters. Materials meet AWWA C-800 standard.



To order 78423 Series Model No. **78423-0690-3TFBQ** means:

1	2	3	4	5	6	7	8	9	10	11
78423	-	0	6	9	0	-	3	TF	B	Q
Series #		Mid O.D. Range of Pipe					Outlet Size	Teck™ Fastening	Ball Style	Outlet End Connection

3 = 3/4"
4 = 1"

Blank = Flare
F = FNPT
P = MNPT
-22 = CTS
G = CTS
Q = CTS
T = CTS
-33 = PEP
-3G = PEP
-3Q = PEP
-44 = PVC

Other pipe diameters and end connection configurations available, please contact factory.

78423

Model	Nominal Size	Pipe O.D.	Outlet	3/4" Outlet CTN/WT	3/4" Outlet Price	1" Outlet CTN/WT	1" Outlet Price
78423	6"	6.90	Flare	1/8	$239.91	1/9	$297.90
78423	6"	6.90	CTS	1/8	$246.65	1/9	$296.14
78423	6"	6.90	PEP	1/8	$270.18	1/9	$329.31
78423	8"	9.05	Flare	1/9	$241.65	1/9	$299.64
78423	8"	9.05	CTS	1/9	$248.38	1/9	$297.88
78423	8"	9.05	PEP	1/9	$271.92	1/10	$331.05
78423	12"	13.20	Flare	1/10	$271.77	1/11	$329.76
78423	12"	13.20	CTS	1/10	$278.51	1/11	$328.00
78423	12"	13.20	PEP	1/11	$302.04	1/11	$361.17

Repair Clamps with TECK™ Fastening System (Lifter Plate Optional)

425 Series (One Section)
435 Series (One Section with Tapped Outlet)
825 Series (Two Section)
835 Series (Two Section with Tapped Outlet)
1625 Series (Four Section)
1635 Series (Four Section with Tapped Outlet)

Our Stainless Steel repair clamps feature a fully welded bar, chemically passivated welds, Armor plate, anti-gall nuts, NBR taper grid pattern gasket, optional AWWA or FNPT outlets, and optional conductivity patch. Multiple lengths and sizes are available including standard, custom, and O.D. specific diameter ranges.

MATERIALS

Band and Armor Plate - ASTM A240 Type 304 (18-8) Stainless Steel
TECK™ Fingers / Lifter Plate: - ASTM A240 Type 304 (18-8) Stainless Steel
Gasket - Nitrile (NBR) Taper Grid Gasket meets ASTM D2000 & NSF 61
Studs - ASTM F593 Type 304 (18-8) Stainless Steel
Nuts - ASTM F594 Type 304 (18-8) Stainless Steel coated to prevent galling
Washers - ASME B18.22.1 Type 304 (18-8) Stainless Steel

NOTES

- Order Clamps by Model Number, for example 425-0705-12TLP
- All Clamps have Pipe O.D. size identification
- All A.Y. McDonald Clamps meet AWWA standards and are certified to NSF 61
- Rated for 150 PSI working pressure

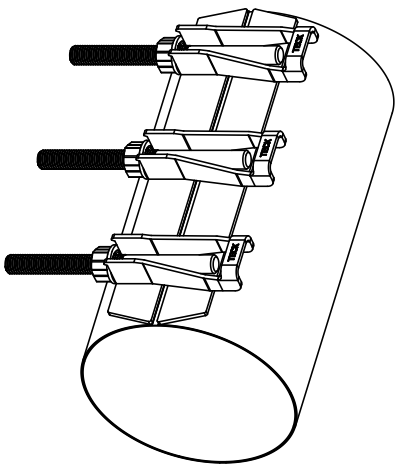
TECK™ (T) Fastening



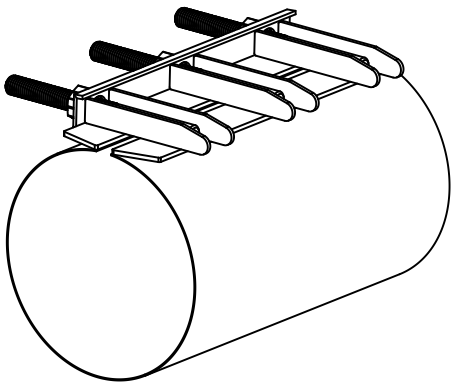
Lifter Plate (TLP)







TECK™ (T)



Lifter Plate (TLP)

425 Series

ONE SECTION

Our Stainless Steel repair clamps feature a fully welded bar, chemically passivated welds, roll plate, anti-gall nuts, NBR taper grid pattern gasket, and optional conductivity patch.

Multiple lengths and sizes are available including standard, custom, and O.D. specific diameter ranges.

Product Example:
425-0705-08TLP
6" x 8"
Lifter Plate (TLP)



Product Example:
425-0705-12T
6" x 12" Taper Gasket
TECK™ Fastening
TECK™ (T)



NOTES

- Order Clamps by Model Number, for example 425-0705-12T
- All Clamps have Pipe O.D. identification
- All A.Y. McDonald Clamps meet AWWA standards and are certified to NSF 61
- Rated for 150 PSI working pressure

To order 425 Series Model No. **425-0450-08T** means:

1	2	3	4	5	6	7	8	9	10	11
425	-	0	4	5	0	-	0	8	T	C

Series # 425

Mid O.D. Range 0450

Width 08 (8" 12" 16" 20" 24")

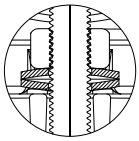
T = Teck
TLP = Lifter Plate

Options
C = Conductivity Pad

Options		
T	Taper Gasket & Teck™ Fastening System (Standard)	List Price Below
TLP	Taper Gasket & Lifter Plate Fastening System	Deduct $ 5.00
C	Conductivity Pad	$ 4.00 Adder



8403BW
Belleville Washer Kit (for HDPE pipe) - List $ 22.13
Kit includes: 8 washers, enough for 4 studs (2 per stud) Washers should be positioned with the concave sides facing each other.



			Model #		Width					
Nom. O.D.	O.D. Range	Pipe Material	Series #	Mid O.D. Range #	8" (2 bolt) Add -08	12" (3 bolt) Add -12	16" (4 bolt) Add -16	20" (5 bolt) Add -20	24" (6 bolt) Add -24	Standard
4	4.30 - 4.70	IPS	425-	0450-	$106.65	$167.70	$181.98	$292.30	$371.19	T
4	4.40 - 4.80		425-	0460-	$106.65	$167.70	$181.98	$292.30	$371.19	T
4	4.60 - 5.00	C900/DIP/Cast A	425-	0480-	$106.65	$167.70	$181.98	$292.30	$371.19	T
4	4.75 - 5.15		425-	0495-	$106.65	$167.70	$181.98	$292.30	$371.19	T
4	4.80 - 5.20	Cast B, C, D	425-	0500-	$106.65	$167.70	$181.98	$292.30	$371.19	T
4	5.00 - 5.40		425-	0520-	$106.65	$167.70	$181.98	$292.30	$371.19	T
6	6.00 - 6.40		425-	0620-	$127.33	$200.58	$221.30	$361.22	$434.18	T
6	6.40 - 6.80		425-	0660-	$127.33	$200.58	$221.30	$361.22	$434.18	T
6	6.43 - 6.83	IPS	425-	0663-	$127.33	$200.58	$221.30	$361.22	$434.18	T
6	6.55 - 6.95		425-	0675-	$127.33	$200.58	$221.30	$361.22	$434.18	T
6	6.70 - 7.10	C900/DIP/Cast A	425-	0690-	$127.33	$200.58	$221.30	$361.22	$434.18	T
6	6.80 - 7.20		425-	0700-	$127.33	$200.58	$221.30	$361.22	$434.18	T
6	6.85 - 7.25		425-	0705-	$127.33	$200.58	$221.30	$361.22	$434.18	T
6	6.90 - 7.30	Cast B, C, D	425-	0710-	$127.33	$200.58	$221.30	$361.22	$434.18	T
6	7.10 - 7.50		425-	0730-	$127.33	$200.58	$221.30	$361.22	$434.18	T
6	7.30 - 7.70		425-	0750-	$127.33	$200.58	$221.30	$361.22	$434.18	T

See page 138 for O.D. Chart

Different sizes and configurations available, please call for details.
NBR grid gasket certified to Standard NSF 61.

For other widths contact factory

425 Series

ONE SECTION

Our Stainless Steel repair clamps feature a fully welded bar, chemically passivated welds, roll plate, anti-gall nuts, NBR taper grid pattern gasket, and optional conductivity patch.

Multiple lengths and sizes are available including standard, custom, and O.D. specific diameter ranges.

NOTES

- Order Clamps by Model Number, for example 425-0705-12T
- All Clamps have Pipe O.D. identification
- All A.Y. McDonald Clamps meet AWWA standards and are certified to NSF 61
- Rated for 150 PSI working pressure

To order 425 Series Model No. **425-0450-08T** means:

1	2	3	4	5	6	7	8	9	10	11
425	-	0	4	5	0	-	0	8	T	C

Series # 425

Mid O.D. Range 0450

Width 08 (8" 12" 16" 20" 24")

T = Teck

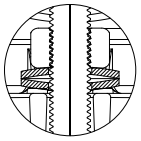
TLP = Lifter Plate

Options
C = Conductivity Pad

Options		
T	Taper Gasket & Teck™ Fastening System (Standard)	List Price Below
TLP	Taper Gasket & Lifter Plate Fastening System	Deduct $ 5.00
C	Conductivity Pad	$ 4.00 Adder



8403BW
Belleville Washer Kit (for HDPE pipe) - List $ 22.13
Kit includes: 8 washers, enough for 4 studs (2 per stud) Washers should be positioned with the concave sides facing each other.



			Model #		Width					
Nom. O.D.	O.D. Range	Pipe Material	Series #	Mid O.D. Range #	8" (2 bolt) Add -08	12" (3 bolt) Add -12	16" (4 bolt) Add -16	20" (5 bolt) Add -20	24" (6 bolt) Add -24	Standard
8	8.00 - 8.40		425-	0820-	$148.45	$234.98	$267.89	$389.87	$485.89	T
8	8.40 - 8.80		425-	0860-	$148.45	$234.98	$267.89	$389.87	$485.89	T
8	8.43 - 8.83	IPS	425-	0863-	$148.45	$234.98	$267.89	$389.87	$485.89	T
8	8.65 - 9.05		425-	0885-	$148.45	$234.98	$267.89	$389.87	$485.89	T
8	8.85 - 9.25	C900/DIP/Cast A, B	425-	0905-	$148.45	$234.98	$267.89	$389.87	$485.89	T
8	8.98 - 9.38		425-	0918-	$148.45	$234.98	$267.89	$389.87	$485.89	T
8	9.10 - 9.50	Cast C - D	425-	0930-	$148.45	$234.98	$267.89	$389.87	$485.89	T
8	9.30 - 9.70		425-	0950-	$148.45	$234.98	$361.95	$481.67	$709.43	T
10	10.10 - 10.50		425-	1030 -	$202.60	$315.21	$361.95	$481.67	$709.43	T
10	10.50 - 10.90		425-	1070 -	$202.60	$315.21	$361.95	$481.67	$709.43	T
10	10.55 - 10.95	IPS	425-	1075 -	$202.60	$315.21	$361.95	$481.67	$709.43	T
10	10.75 - 11.15		425-	1095 -	$202.60	$315.21	$361.95	$481.67	$709.43	T
10	10.90 - 11.30	C900, DIP, Cast A, B	425-	1110 -	$202.60	$315.21	$361.95	$481.67	$709.43	T
10	11.05 - 11.45		425-	1125 -	$202.60	$315.21	$361.95	$481.67	$709.43	T
10	11.20 - 11.60	Cast C, D	425-	1140 -	$202.60	$315.21	$361.95	$481.67	$709.43	T
10	11.60 - 12.00		425-	1180 -	$202.60	$315.21	$361.95	$481.67	$709.43	T
10	11.85 - 12.25		425-	1205 -	$202.60	$315.21	$411.14	$570.98	$783.72	T
12	12.10 - 12.50		425-	1230 -	$229.62	$364.27	$411.14	$570.98	$783.72	T
12	12.50 - 12.90		425-	1270 -	$229.62	$364.27	$411.14	$570.98	$783.72	T
12	12.55 - 12.95	IPS	425-	1275 -	$229.62	$364.27	$411.14	$570.98	$783.72	T
12	13.00 - 13.40	C900/DIP/ Cast A, B	425-	1320 -	$229.62	$364.27	$411.14	$570.98	$783.72	T
12	13.15 - 13.55		425-	1335 -	$229.62	$364.27	$411.14	$570.98	$783.72	T
12	13.30 - 13.70	Cast C, D	425-	1350 -	$229.62	$364.27	$411.14	$570.98	$783.72	T
12	13.40 - 13.80		425-	1360 -	$229.62	$364.27	$411.14	$570.98	$783.72	T
12	13.80 - 14.20		425-	1400 -	$229.62	$364.27	$411.14	$ 570.98	$ 783.72	T

See page 138 for O.D. Chart

Different sizes and configurations available, please call for details.
NBR grid gasket certified to Standard NSF 61.

For other widths contact factory

435 Series

ONE SECTION WITH TAPPED OUTLET

Our Stainless Steel repair clamps with tapped outlet feature AWWA or FNPT outlets, a fully welded bar, chemically passivated welds, roll plate, anti-gall nuts, NBR taper grid pattern gasket, and optional conductivity patch.

Multiple lengths and sizes are available including standard, custom, and O.D. specific diameter ranges.

Product Example:
435-0705-12-A3T
6" x 12" x 3/4"
AWWA CC Taper Gasket



TECK™ (T)



Lifter Plate (TLP)

NOTES

- Order Clamps by Model Number, for example 435-0705-12-A4T
- All Clamps have Pipe O.D. identification
- All A.Y. McDonald Clamps meet AWWA standards and are certified to NSF 61
- Rated for 150 PSI working pressure

To order 435 Series Model No. **435-0450-08-A3T** means:

1	2	3	4	5	6	7	8	9	10	11	12	13
435	-	0	4	5	0	-	08	-	A	3	T	C

Series # 435

Mid O.D. Range 0450

Width
08 = 8"
12 = 12"
16 = 16"
20 = 20"
24 = 24"

Tap Configuration
A = AWWA
F = FNPT

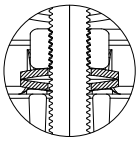
Tap Size
3 = 3/4"
4 = 1"
5 = 1 1/4"
6 = 1 1/2"
7 = 2"

T = Teck
TLP = Lifter Plate

Options
C = Conductivity Pad



8403BW
Belleville Washer Kit (for HDPE pipe) - List $ 22.13
Kit includes: 8 washers, enough for 4 studs (2 per stud) Washers should be positioned with the concave sides facing each other.



Options		
T	Taper Gasket & Teck™ Fastening System (Standard)	List Price Below
TLP	Taper Gasket & Lifter Plate Fastening System	Deduct $ 5.00
C	Conductivity Pad	$ 4.00 Adder

Tap - Adders		
Type		Outlet
F = FNPT	A = AWWA	Size:
$ 56.58	$ 56.58	3 = 3/4"
$ 56.58	$ 56.58	4 = 1"
$ 73.04	$ 73.04	5 = 1 1/4"
$ 73.04	$ 73.04	6 = 1 1/2"
$ 81.09	$ 90.60	7 = 2"

			Model #		Width					
Nom. O.D.	O.D. Range	Pipe Material	Series #	Mid O.D. Range #	8" (2 bolt) Add -08	12" (3 bolt) Add -12	16" (4 bolt) Add -16	20" (5 bolt) Add -20	24" (6 bolt) Add -24	Standard
4	4.30 - 4.70	IPS	435-	0450-	$ 106.65	$ 167.70	$ 181.98	$ 292.30	$ 371.19	T
4	4.40 - 4.80		435-	0460-	$ 106.65	$ 167.70	$ 181.98	$ 292.30	$ 371.19	T
4	4.60 - 5.00	C900/DIP/Cast A	435-	0480-	$ 106.65	$ 167.70	$ 181.98	$ 292.30	$ 371.19	T
4	4.75 - 5.15		435-	0495-	$ 106.65	$ 167.70	$ 181.98	$ 292.30	$ 371.19	T
4	4.8 0- 5.20		435-	0500-	$ 106.65	$ 167.70	$ 181.98	$ 292.30	$ 371.19	T
4	5.00 - 5.40	Cast B, C, D	435-	0520-	$ 106.65	$ 167.70	$ 181.98	$ 292.30	$ 371.19	T
6	6.00 - 6.40		435-	0620-	$ 127.33	$ 200.58	$ 221.30	$ 361.22	$ 434.18	T
6	6.40 - 6.80		435-	0660-	$ 127.33	$ 200.58	$ 221.30	$ 361.22	$ 434.18	T
6	6.43 - 6.83	IPS	435-	0663-	$ 127.33	$ 200.58	$ 221.30	$ 361.22	$ 434.18	T
6	6.55 - 6.95		435-	0675-	$ 127.33	$ 200.58	$ 221.30	$ 361.22	$ 434.18	T
6	6.70 -7 .10	C900/DIP/Cast A	435-	0690-	$ 127.33	$ 200.58	$ 221.30	$ 361.22	$ 434.18	T
6	6.80 - 7.20		435-	0700-	$ 127.33	$ 200.58	$ 221.30	$ 361.22	$ 434.18	T
6	6.85 - 7.25		435-	0705-	$ 127.33	$ 200.58	$ 221.30	$ 361.22	$ 434.18	T
6	6.90 - 7.30		435-	0710-	$ 127.33	$ 200.58	$ 221.30	$ 361.22	$ 434.18	T
6	7.10 - 7.50	Cast B, C, D	435-	0730-	$ 127.33	$ 200.58	$ 221.30	$ 361.22	$ 434.18	T
6	7.30 - 7.70		435-	0750-	$ 127.33	$ 200.58	$ 221.30	$ 361.22	$ 434.18	T

See page 138 for O.D. Chart

Different sizes and configurations available, please call for details.
NBR grid gasket certified to Standard NSF 61.

For other widths contact factory

435 Series

ONE SECTION WITH TAPPED OUTLET

Our Stainless Steel repair clamps with tapped outlet feature AWWA or FNPT outlets, a fully welded bar, chemically passivated welds, roll plate, anti-gall nuts, NBR taper grid pattern gasket, and optional conductivity patch.

Multiple lengths and sizes are available including standard, custom, and O.D. specific diameter ranges.

NOTES

- Order Clamps by Model Number, for example 435-0705-12-A4T
- All Clamps have Pipe O.D. identification
- All A.Y. McDonald Clamps meet AWWA standards and are certified to NSF 61
- Rated for 150 PSI working pressure

To order 435 Series Model No. **435-0450-08-A3T** means:

1	2	3	4	5	6	7	8	9	10	11	12	13
435	-	0	4	5	0	-	08	-	A	3	T	C

- **Series #**: 435
- **Mid O.D. Range**: 0450
- **Width**: 08
- **Tap Configuration**: A
- **Tap Size**: 3
- **Options**: T

Width
08 = 8" **20** = 20"
12 = 12" **24** = 24"
16 = 16"

Tap Configuration
A = AWWA
F = FNPT

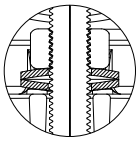
Tap Size
3 = 3/4"
4 = 1"
5 = 1 1/4"
6 = 1 1/2"
7 = 2"

T = Teck
TLP = Lifter Plate

Options
C = Conductivity Pad



8403BW
Belleville Washer Kit (for HDPE pipe) - List $ 22.13
Kit includes: 8 washers, enough for 4 studs (2 per stud) Washers should be positioned with the concave sides facing each other.



Options		
T	Taper Gasket & Teck™ Fastening System (Standard)	List Price Below
TLP	Taper Gasket & Lifter Plate Fastening System	Deduct $ 5.00
C	Conductivity Pad	$ 4.00 Adder

Tap - Adders		
Type		Outlet
F = FNPT	A = AWWA	Size:
$ 56.58	$ 56.58	3 = 3/4"
$ 56.58	$ 56.58	4 = 1"
$ 73.04	$ 73.04	5 = 1 1/4"
$ 73.04	$ 73.04	6 = 1 1/2"
$ 81.09	$ 90.60	7 = 2"

			Model #		Width					
Nom. O.D.	O.D. Range	Pipe Material	Series #	Mid O.D. Range #	8" (2 bolt) Add -08	12" (3 bolt) Add -12	16" (4 bolt) Add -16	20" (5 bolt) Add -20	24" (6 bolt) Add -24	Standard
8	8.00 - 8.40		435-	0820-	$ 148.45	$ 334.98	$ 267.89	$ 389.87	$ 485.89	T
8	8.40 - 8.80		435-	0860-	$ 148.45	$ 334.98	$ 267.89	$ 389.87	$ 485.89	T
8	8.43 - 8.83	IPS	435-	0863-	$ 148.45	$ 334.98	$ 267.89	$ 389.87	$ 485.89	T
8	8.65 - 9.05		435-	0885-	$ 148.45	$ 334.98	$ 267.89	$ 389.87	$ 485.89	T
8	8.85 - 9.25	C900/DIP/Cast A, B	435-	0905-	$ 148.45	$ 334.98	$ 267.89	$ 389.87	$ 485.89	T
8	8.98 - 9.38		435-	0918-	$ 148.45	$ 334.98	$ 267.89	$ 389.87	$ 485.89	T
8	9.10 - 9.50	Cast C, D	435-	0930-	$ 148.45	$ 334.98	$ 267.89	$ 389.87	$ 485.89	T
8	9.30 - 9.70		435-	0950-	$ 148.45	$ 334.98	$ 267.89	$ 389.87	$ 485.89	T
10	10.10 - 10.50		435-	1030-	$ 202.60	$ 315.21	$ 361.95	$ 481.67	$ 709.43	T
10	10.50 - 10.90		435-	1070-	$ 202.60	$ 315.21	$ 361.95	$ 481.67	$ 709.43	T
10	10.55 - 10.95	IPS	435-	1075-	$ 202.60	$ 315.21	$ 361.95	$ 481.67	$ 709.43	T
10	10.75 - 11.15		435-	1095-	$ 202.60	$ 315.21	$ 361.95	$ 481.67	$ 709.43	T
10	10.90 - 11.30	C900/DIP/Cast A, B	435-	1110-	$ 202.60	$ 315.21	$ 361.95	$ 481.67	$ 709.43	T
10	11.05 - 11.45		435-	1125-	$ 202.60	$ 315.21	$ 361.95	$ 481.67	$ 709.43	T
10	11.20 - 11.60	Cast C, D	435-	1140-	$ 202.60	$ 315.21	$ 361.95	$ 481.67	$ 709.43	T
10	11.60 - 12.00		435-	1180-	$ 202.60	$ 315.21	$ 361.95	$ 481.67	$ 709.43	T
10	11.85 - 12.25		435-	1205-	$ 202.60	$ 315.21	$ 361.95	$ 481.67	$ 709.43	T
12	12.10 - 12.50		435-	1230-	$ 229.62	$ 364.27	$ 411.14	$ 570.98	$ 783.72	T
12	12.50 - 12.90		435-	1270-	$ 229.62	$ 364.27	$ 411.14	$ 570.98	$ 783.72	T
12	12.55 - 12.95	IPS	435-	1275-	$ 229.62	$ 364.27	$ 411.14	$ 570.98	$ 783.72	T
12	13.00 - 13.40	C900/DIP/Cast A, B	435-	1320-	$ 229.62	$ 364.27	$ 411.14	$ 570.98	$ 783.72	T
12	13.15 - 13.55		435-	1335-	$ 229.62	$ 364.27	$ 411.14	$ 570.98	$ 783.72	T
12	13.30 - 13.70	Cast C, D	435-	1350-	$ 229.62	$ 364.27	$ 411.14	$ 570.98	$ 783.72	T
12	13.40 - 13.80		435-	1360-	$ 229.62	$ 364.27	$ 411.14	$ 570.98	$ 783.72	T
12	13.80 - 14.20		435-	1400-	$ 229.62	$ 364.27	$ 411.14	$ 570.98	$ 783.72	T

See page 138 for O.D. Chart

Different sizes and configurations available, please call for details.
NBR grid gasket certified to Standard NSF 61.

For other widths contact factory

825 Series

TWO SECTIONS

Our Stainless Steel repair clamps feature a fully welded bar, chemically passivated welds, roll plate, anti-gall nuts, NBR taper grid pattern gasket, and optional conductivity patch.

Multiple lengths and sizes are available including standard, custom, and O.D. specific diameter ranges.

Product Example:
825-1760-20T
16" x 20" Taper Gasket



TECK™ (T)



Lifter Plate (TLP)

NOTES

- Order Clamps by Model Number, for example 825-0905-12T
- All Clamps have Pipe O.D. identification
- All A.Y. McDonald Clamps meet AWWA standards and are certified to NSF 61
- Rated for 150 PSI working pressure

To order 825 Series Model No. **825-0663-12T** means:

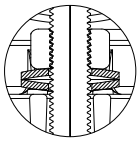
1	2	3	4	5	6	7	8	9	10	11
825	-	0	6	6	3	-	1	2	T	C

Series # — **Mid O.D. Range** — **Width** (12" 24" 16" 32" 20") — **T** = Teck, **TLP** = Lifter Plate — **Options** **C** = Conductivity Pad

Options		
T	Taper Gasket & Teck™ Fastening System (Standard)	List Price Below
TLP	Taper Gasket & Lifter Plate Fastening System	Deduct $ 5.00
C	Conductivity Pad	$ 4.00 Adder



8403BW
Belleville Washer Kit (for HDPE pipe) - List $ 22.13
Kit includes: 8 washers, enough for 4 studs (2 per stud) Washers should be positioned with the concave sides facing each other.



			Model #		Width					
Nom. O.D.	O.D. Range	Pipe Material	Series #	Mid O.D. Range #	12" (3 bolts per side) Add -12	16" (4 bolts per side) Add -16	20" (5 bolts per side) Add -20	24" (6 bolts per side) Add -24	32" (8 bolts per side) Add -32	Standard
6	6.23 - 7.03	IPS	825-	0663-	$273.10	$339.85	$466.27	$622.03	$726.60	T
6	6.50 - 7.30	C900/DIP/Cast A	825-	0690-	$273.10	$339.85	$466.27	$622.03	$726.60	T
6	6.60 - 7.40		825-	0700-	$273.10	$339.85	$466.27	$622.03	$726.60	T
6	6.70 - 7.50	Cast B, C, D	825-	0710-	$273.10	$339.85	$466.27	$622.03	$726.60	T
8	8.23 - 9.03	IPS	825-	0863-	$303.39	$387.28	$528.50	$709.76	$815.52	T
8	8.60 - 9.40		825-	0900-	$303.39	$387.28	$528.50	$709.76	$815.52	T
8	8.60 - 9.45	C900/DIP/Cast A, B	825-	0905-	$303.39	$387.28	$528.50	$709.76	$815.52	T
8	8.90 - 9.70	Cast C, D	825-	0930-	$303.39	$387.28	$528.50	$709.76	$815.52	T
10	10.35 - 11.15	IPS	825-	1075-	$472.16	$486.94	$649.60	$873.38	$1,010.29	T
10	10.70 - 11.50	C900/DIP/Cast A, B	825-	1110-	$472.16	$486.94	$649.60	$873.38	$1,010.29	T
10	11.00 - 11.80	Cast C - D	825-	1140-	$472.16	$486.94	$649.60	$873.38	$1,010.29	T
12	12.35 - 13.15	IPS	825-	1275-	$535.41	$549.81	$749.69	$968.80	$1,155.03	T
12	12.72 - 13.52		825-	1312-	$535.41	$549.81	$749.69	$968.80	$1,155.03	T
12	12.80 - 13.60	C900/DIP/Cast A, B	825-	1320-	$535.41	$549.81	$749.69	$968.80	$1,155.03	T
12	13.10 - 13.90	Cast C, D	825-	1350-	$535.41	$549.81	$749.69	$968.80	$1,155.03	T
14	13.60 - 14.40	IPS	825-	1400-	$604.56	$660.95	$846.64	$1,094.47	$1,307.60	T
14	14.90 - 15.70	C900/C905/DIP/Cast A, B	825-	1530-	$604.56	$660.95	$846.64	$1,094.47	$1,307.60	T
14	15.00 - 15.80		825-	1540-	$604.56	$660.95	$846.64	$1,094.47	$1,307.60	T
14	15.25 - 16.05	Cast C, D	825-	1565-	$604.56	$660.95	$846.64	$1,094.47	$1,307.60	T

See page 138 for O.D. Chart

Different sizes and configurations available, please call for details.
NBR grid gasket certified to Standard NSF 61.

For other widths contact factory

825 Series

TWO SECTIONS

Our Stainless Steel repair clamps feature a fully welded bar, chemically passivated welds, roll plate, anti-gall nuts, NBR taper grid pattern gasket, and optional conductivity patch.

Multiple lengths and sizes are available including standard, custom, and O.D. specific diameter ranges.

NOTES

- Order Clamps by Model Number, for example 825-0905-12T
- All Clamps have Pipe O.D. identification
- All A.Y. McDonald Clamps meet AWWA standards and are certified to NSF 61
- Rated for 150 PSI working pressure

To order 825 Series Model No. **825-0663-12T** means:

1	2	3	4	5	6	7	8	9	10	11
825	-	0	6	6	3	-	1	2	T	C

Series # — **Mid O.D. Range** — **Width**: 12" 16" 20" 24" 32"

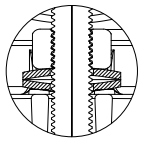
T = Teck
TLP = Lifter Plate

Options
C = Conductivity Pad

Options		
T	**T**aper Gasket & Teck™ Fastening System (Standard)	List Price Below
TLP	**T**aper Gasket & **L**ifter **P**late Fastening System	Deduct $ 5.00
C	Conductivity Pad	$ 4.00 Adder



8403BW
Belleville Washer Kit (for HDPE pipe) - List $ 22.13
Kit includes: 8 washers, enough for 4 studs (2 per stud) Washers should be positioned with the concave sides facing each other.



			Model #		Width					
Nom. O.D.	O.D. Range	Pipe Material	Series #	Mid O.D. Range #	12" (3 bolts per side) Add -12	16" (4 bolts per side) Add -16	20" (5 bolts per side) Add -20	24" (6 bolts per side) Add -24	32" (8 bolts per side) Add -32	Standard
16	15.60 - 16.40	IPS	825-	1600-	$651.26	$723.83	$941.89	$1,219.30	$1,499.44	T
16	17.00 - 17.80	C900/C905/DIP/Cast A, B	825-	1740-	$651.26	$723.83	$941.89	$1,219.30	$1,499.44	T
16	17.20 - 18.00		825-	1760-	$651.26	$723.83	$941.89	$1,219.30	$1,499.44	T
16	17.40 - 18.20	Cast C, D	825-	1780-	$651.26	$723.83	$941.89	$1,219.30	$1,499.44	T
18	17.60 - 18.40	IPS	825-	1800-	$773.57	$866.14	$1,081.43	$1,404.36	$1,727.27	T
18	19.10 - 19.90	C900/C905/DIP/Cast A, B	825-	1950-	$773.57	$866.14	$1,081.43	$1,404.36	$1,727.27	T
18	19.20 - 20.00		825-	1960-	$773.57	$866.14	$1,081.43	$1,404.36	$1,727.27	T
18	19.52 - 20.32	Cast C, D	825-	1992-	$773.57	$866.14	$1,081.43	$1,404.36	$1,727.27	T
20	19.60 - 20.40	IPS	825-	2000-	$940.44	$1,057.37	$1,333.50	$1,665.63	$1,994.24	T
20	21.20 - 22.00	C900/C905/DIP, Cast A, B	825-	2160-	$940.44	$1,057.37	$1,333.50	$1,665.63	$1,994.24	T
20	21.40 - 22.20		825-	2180-	$940.44	$1,057.37	$1,333.50	$1,665.63	$1,994.24	T
20	21.66 - 22.46	Cast C, D	825-	2206-	$940.44	$1,057.37	$1,333.50	$1,665.63	$1,994.24	T

See page 138 for O.D. Chart

Different sizes and configurations available, please call for details.
NBR grid gasket certified to Standard NSF 61.

For other widths contact factory

835 Series

TWO SECTIONS WITH TAPPED OUTLET

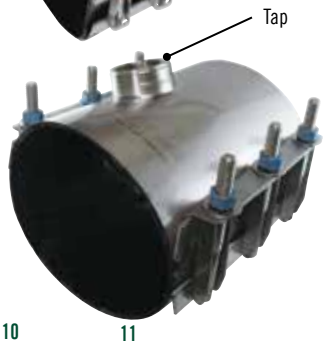
Our Stainless Steel repair clamps with tapped outlet feature AWWA or FNPT outlets, a fully welded bar, chemicallypassivated welds, roll plate, anti-gall nuts, NBR taper grid patterngasket, and optional conductivity patch.

Multiple lengths and sizes are available including standard, custom, and O.D. specific diameter ranges.

Product Example:
835-1760-20-A7T
16" x 20" x 2" AWWA
CC Taper Gasket



TECK™ (T)



Lifter Plate (TLP)

NOTES

- Order Clamps by Model Number, for example 835-0905-12-A4T
- All Clamps have Pipe O.D. identification
- All A.Y. McDonald Clamps meet AWWA standards and are certified to NSF 61
- Rated for 150 PSI working pressure

To order 835 Series Model No. **835-0663-12-A3T** means:

1	2	3	4	5	6	7	8	9	10	11	10	11
835	-	0	6	6	3	-	12	-	A	3	T	C

Series # 835

Mid O.D. Range 0663

Width 12 = 12" | 16 = 16" | 20 = 20" | 24 = 24" | 32 = 32"

Tap Configuration A = AWWA | F = FNPT

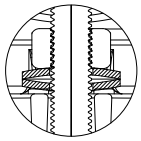
Tap Size 3 = 3/4" | 4 = 1" | 5 = 1 1/4" | 6 = 1 1/2" | 7 = 2"

T = Teck | **TLP** = Lifter Plate

Options C = Conductivity Pad



8403BW
Belleville Washer Kit (for HDPE pipe) - List $ 22.13
Kit includes: 8 washers, enough for 4 studs (2 per stud) Washers should be positioned with the concave sides facing each other.



Options		
T	Taper Gasket & Teck™ Fastening System (Standard)	List Price Below
TLP	Taper Gasket & Lifter Plate Fastening System	Deduct $ 5.00
C	Conductivity Pad	$ 4.00 Adder

Tap - Adders		
Type		Outlet
F = FNPT	A = AWWA	Size:
$ 56.58	$ 56.58	3 = 3/4"
$ 56.58	$ 56.58	4 = 1"
$ 73.04	$ 73.04	5 = 1 1/4"
$ 73.04	$ 73.04	6 = 1 1/2"
$ 81.09	$ 90.60	7 = 2"

			Model #		Width					
Nom. O.D.	O.D. Range	Pipe Material	Series #	Mid O.D. Range #	12" (3 bolts per side) Add -12	16" (4 bolts per side) Add -16	20" (5 bolts per side) Add -20	24" (6 bolts per side) Add -24	32" (8 bolts per side) Add -32	Standard
6	6.23 - 7.03	IPS	835-	0663-	$ 273.10	$ 339.85	$ 466.27	$ 622.03	$ 726.60	T
6	6.50 - 7.30	C900/DIP/Cast A	835-	0690-	$ 273.10	$ 339.85	$ 466.27	$ 622.03	$ 726.60	T
6	6.60 - 7.40		835-	0700-	$ 273.10	$ 339.85	$ 466.27	$ 622.03	$ 726.60	T
6	6.70 - 7.50	Cast B, C, D	835-	0710-	$ 273.10	$ 339.85	$ 466.27	$ 622.03	$ 726.60	T
8	8.23 - 9.03	IPS	835-	0863-	$ 303.39	$ 387.28	$ 528.50	$ 709.76	$ 815.52	T
8	8.60 - 9.40		835-	0900-	$ 303.39	$ 387.28	$ 528.50	$ 709.76	$ 815.52	T
8	8.65 - 7.45	C900/DIP/Cast A, B	835-	0905-	$ 303.39	$ 387.28	$ 528.50	$ 709.76	$ 815.52	T
8	8.90 - 9.70	Cast C, D	835-	0930-	$ 303.39	$ 387.28	$ 528.50	$ 709.76	$ 815.52	T
10	10.35 - 11.15	IPS	835-	1075-	$ 472.16	$ 486.94	$ 649.60	$ 873.38	$ 1,010.29	T
10	10.70 - 11.50	C900/DIP/Cast A	835-	1110-	$ 472.16	$ 486.94	$ 649.60	$ 873.38	$ 1,010.29	T
10	11.00 - 11.80	Cast C, D	835-	1140-	$ 472.16	$ 486.94	$ 649.60	$ 873.38	$ 1,010.29	T
12	12.35 - 13.15	IPS	835-	1275-	$ 535.41	$ 549.81	$ 749.69	$ 968.80	$ 1,155.03	T
12	12.72 - 13.52		835-	1312-	$ 535.41	$ 549.81	$ 749.69	$ 968.80	$ 1,155.03	T
12	12.80 - 13.60	C900/DIP/Cast A, B	835-	1320-	$ 535.41	$ 549.81	$ 749.69	$ 968.80	$ 1,155.03	T
12	13.10 - 13.90	Cast C, D	835-	1350-	$ 535.41	$ 549.81	$ 749.69	$ 968.80	$ 1,155.03	T
14	13.60 - 14.40	IPS	835-	1400-	$ 604.56	$ 660.95	$ 846.64	$ 1,094.47	$ 1,307.60	T
14	14.90 - 15.70	C900/C905/DIP/Cast A, B	835-	1530-	$ 604.56	$ 660.95	$ 846.64	$ 1,094.47	$ 1,307.60	T
14	15.00 - 15.80		835-	1540-	$ 604.56	$ 660.95	$ 846.64	$ 1,094.47	$ 1,307.60	T
14	15.25 - 16.05	Cast C, D	835-	1565-	$ 604.56	$ 660.95	$ 846.64	$ 1,094.47	$ 1,307.60	T

See page 138 for O.D. Chart

Different sizes and configurations available, please call for details.
NBR grid gasket certified to Standard NSF 61.
For other widths contact factory

835 Series

TWO SECTIONS WITH TAPPED OUTLET

Our Stainless Steel repair clamps with tapped outlet feature AWWA or FNPT outlets, a fully welded bar, chemicallypassivated welds, roll plate, anti-gall nuts, NBR taper grid patterngasket, and optional conductivity patch.

Multiple lengths and sizes are available including standard, custom, and O.D. specific diameter ranges.

NOTES

- Order Clamps by Model Number, for example 835-0905-12-A4T
- All Clamps have Pipe O.D. identification
- All A.Y. McDonald Clamps meet AWWA standards and are certified to NSF 61
- Rated for 150 PSI working pressure

To order 835 Series Model No. **835-0663-12-A3T** means:

1	2	3	4	5	6	7	8	9	10	11	10	11
835	-	0	6	6	3	-	12	-	A	3	T	C

Series # 835

Mid O.D. Range 0663

Width
12 = 12”
16 = 16”
20 = 20”
24 = 24”
32 = 32”

Tap Configuration
A = AWWA
F = FNPT

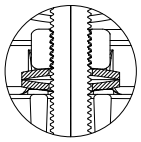
Tap Size
3 = 3/4”
4 = 1”
5 = 1 1/4”
6 = 1 1/2”
7 = 2”

T = Teck
TLP = Lifter Plate

Options
C = Conductivity Pad



8403BW
Belleville Washer Kit (for HDPE pipe) - List $ 22.13
Kit includes: 8 washers, enough for 4 studs (2 per stud) Washers should be positioned with the concave sides facing each other.



Options		
T	Taper Gasket & Teck™ Fastening System (Standard)	List Price Below
TLP	Taper Gasket & Lifter Plate Fastening System	Deduct $ 5.00
C	Conductivity Pad	$ 4.00 Adder

Tap - Adders		
Type		Outlet
F = FNPT	A = AWWA	Size:
$ 56.58	$ 56.58	3 = 3/4”
$ 56.58	$ 56.58	4 = 1”
$ 73.04	$ 73.04	5 = 1 1/4”
$ 73.04	$ 73.04	6 = 1 1/2”
$ 81.09	$ 90.60	7 = 2”

			Model #		Width					
Nom. O.D.	O.D. Range	Pipe Material	Series #	Mid O.D. Range #	12” (3 bolts per side) Add -12	16” (4 bolts per side) Add -16	20” (5 bolts per side) Add -20	24” (6 bolts per side) Add -24	32” (8 bolts per side) Add -32	Standard
16	15.60 - 16.40	IPS	835-	1600-	$ 651.26	$ 723.83	$ 941.89	$ 1,219.30	$ 1,499.44	T
16	17.00 - 17.80	C900/C905/DIP/Cast A, B	835-	1740-	$ 651.26	$ 723.83	$ 941.89	$ 1,219.30	$ 1,499.44	T
16	17.20 - 18.00		835-	1760-	$ 651.26	$ 723.83	$ 941.89	$ 1,219.30	$ 1,499.44	T
16	17.40 - 18.20	DIPS, Cast A - F	835-	1780-	$ 651.26	$ 723.83	$ 941.89	$ 1,219.30	$ 1,499.44	T
18	17.60 - 18.40	IPS	835-	1800-	$ 773.57	$ 866.14	$ 1,081.43	$ 1,404.36	$ 1,727.27	T
18	19.10 - 19.90	C900/C905/DIP/Cast A, B	835-	1950-	$ 773.57	$ 866.14	$ 1,081.43	$ 1,404.36	$ 1,727.27	T
18	19.20 - 20.00		835-	1960-	$ 773.57	$ 866.14	$ 1,081.43	$ 1,404.36	$ 1,727.27	T
18	19.52 - 20.32	Cast C, D	835-	1992-	$ 773.57	$ 866.14	$ 1,081.43	$ 1,404.36	$ 1,727.27	T
20	19.60 - 20.40	IPS	835-	2000-	$ 940.44	$ 1,057.37	$ 1,333.50	$ 1,665.63	$ 1,994.24	T
20	21.20 - 22.00	C900/C905/DIP/Cast A, B	835-	2160-	$ 940.44	$ 1,057.37	$ 1,333.50	$ 1,665.63	$ 1,994.24	T
20	21.40 - 22.20		835-	2180-	$ 940.44	$ 1,057.37	$ 1,333.50	$ 1,665.63	$ 1,994.24	T
20	21.66 - 22.46	Cast C, D	835-	2206-	$ 940.44	$ 1,057.37	$ 1,333.50	$ 1,665.63	$ 1,994.24	T

See page 138 for O.D. Chart

Different sizes and configurations available, please call for details.
NBR grid gasket certified to Standard NSF 61.

For other widths contact factory

1625 Series

FOUR SECTIONS

Our Stainless Steel repair clamps feature a fully welded bar, chemically passivated welds, roll plate, anti-gall nuts, NBR taper grid pattern gasket, and optional conductivity patch.

Multiple lengths and sizes are available including standard, custom, and O.D. specific diameter ranges.

Product Example:
1625-2580-24T
24" x 24" Taper Gasket
TECK™ (T)





Lifter Plate (TLP)

NOTES

- Order Clamps by Model Number, for example 1625-3200-12T
- All Clamps have Pipe O.D. identification
- All A.Y. McDonald Clamps meet AWWA standards and are certified to NSF 61
- Rated for 150 PSI working pressure

To order 1625 Series Model No. **1625-2400-12T** means:

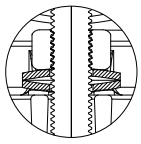
1	2	3	4	5	6	7	8	9	10	11
1625	-	2	4	0	0	-	1	2	T	C

- **1625** — Series #
- **2400** — Mid O.D. Range
- **12** — Width: **12** = 12", **16** = 16", **20** = 20", **24** = 24", **32** = 32"
- **T** — T = Teck; **TLP** = Lifter Plate
- **C** — Options: **C** = Conductivity Pad

Options		
T	Taper Gasket & Teck™ Fastening System (Standard)	List Price Below
TLP	Taper Gasket & Lifter Plate Fastening System	Deduct $ 5.00
C	Conductivity Pad	$ 4.00 Adder



8403BW
Belleville Washer Kit (for HDPE pipe) - List $ 22.13
Kit includes: 8 washers, enough for 4 studs (2 per stud) Washers should be positioned with the concave sides facing each other.



			Model #		Width					
Nom. O.D.	O.D. Range	Pipe Material	Series #	Model Number	12" (3 bolts per side) Add -12	16" (4 bolts per side) Add -16	20" (5 bolts per side) Add -20	24" (6 bolts per side) Add -24	32" (8 bolts per side) Add -32	Standard
24	23.20 - 24.80	IPS	1625-	2400-	$1,076.27	$1,543.89	$2,089.31	$2,672.85	$3,521.56	T
24	24.60 - 26.20		1625-	2540-	$1,076.27	$1,543.89	$2,089.31	$2,672.85	$3,521.56	T
24	25.00 - 26.60	C900/C905/DIP/Cast A, B	1625-	2580-	$1,076.27	$1,543.89	$2,089.31	$2,672.85	$3,521.56	T
24	25.52 - 27.12	Cast C, D	1625-	2632-	$1,076.27	$1,543.89	$2,089.31	$2,672.85	$3,521.56	T
30	29.20 - 30.80	IPS	1625-	3000-	$1,411.22	$1,714.80	$2,363.52	$3,049.68	$3,849.42	T
30	30.94 - 32.54	Cast A	1625-	3174-	$1,411.22	$1,714.80	$2,363.52	$3,049.68	$3,849.42	T
30	31.20 - 32.80	C900/C905/DIP/Cast B	1625-	3200-	$1,411.22	$1,714.80	$2,363.52	$3,049.68	$3,849.42	T
30	31.60 - 33.20	Cast C	1625-	3240-	$1,411.22	$1,714.80	$2,363.52	$3,049.68	$3,849.42	T
36	37.16 - 38.76	Cast A	1625-	3796-	$1,833.09	$2,351.73	$3,129.77	$3,936.61	$5,029.12	T
36	37.50 - 39.10	C900/C905/DIP/Cast B	1625-	3830-	$1,833.09	$2,351.73	$3,129.77	$3,936.61	$5,029.12	T
36	37.90 - 39.50	Cast C	1625-	3870-	$1,833.09	$2,351.73	$3,129.77	$3,936.61	$5,029.12	T
36	38.36 - 39.96	Cast D	1625-	3916-	$1,833.09	$2,351.73	$3,129.77	$3,936.61	$5,029.12	T

See page 138 for O.D. Chart

Different sizes and configurations available, please call for details.
NBR grid gasket certified to Standard NSF 61.

For other widths contact factory

1635 Series

FOUR SECTIONS WITH TAPPED OUTLET

Our Stainless Steel repair clamps with tapped outlet feature AWWA or FNPT outlets, a fully welded bar, chemically passivated welds, roll plate, anti-gall nuts, NBR taper grid pattern gasket, and optional conductivity patch.

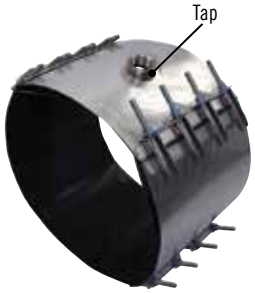
Multiple lengths and sizes are available including standard, custom, and O.D. specific diameter ranges.

Product Example:
1635-2580-24-A7T
24" x 24" x 2" AWWA
CC Taper Gasket

TECK™ Finger (T)



Lifter Plate (TLP)



NOTES

- Order Clamps by Model Number, for example 1635-3200-12-A4T
- All Clamps have Pipe O.D. identification
- All A.Y. McDonald Clamps meet AWWA standards and are certified to NSF 61
- Rated for 150 PSI working pressure

To order 1635 Series Model No. **1635-2400-12-A3** means:

1	2	3	4	5	6	7	8	9	10	11
1635	-	2	4	0	0	-	12	-	A	3
Series #		Mid O.D. Range					Width		Tap Configuration	Tap Size

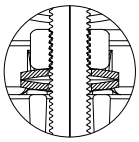
Width
12 = 12"
16 = 16"
20 = 20"
24 = 24"
32 = 32"

Tap Configuration
A = AWWA
F = FNPT

Tap Size
3 = 3/4"
4 = 1"
5 = 1 1/4"
6 = 1 1/2"
7 = 2"



8403BW
Belleville Washer Kit (for HDPE pipe) - List $ 22.13
Kit includes: 8 washers, enough for 4 studs (2 per stud) Washers should be positioned with the concave sides facing each other.



Options		
T	Taper Gasket & Teck™ Fastening System (Standard)	List Price Below
TLP	Taper Gasket & Lifter Plate Fastening System	Deduct $ 5.00
C	Conductivity Pad	$ 4.00 Adder

Tap - Adders		
Type		Outlet
F = FNPT	A = AWWA	Size:
$ 56.58	$ 56.58	3 = 3/4"
$ 56.58	$ 56.58	4 = 1"
$ 73.04	$ 73.04	5 = 1 1/4"
$ 73.04	$ 73.04	6 = 1 1/2"
$ 81.09	$ 90.60	7 = 2"

			Model #		Width					
Nom. O.D.	O.D. Range	Pipe Material	Series #	Model Number	12" (3 bolts per side) Add -12	16" (4 bolts per side) Add -16	20" (5 bolts per side) Add -20	24" (6 bolts per side) Add -24	32" (8 bolts per side) Add -32	Standard
24	23.20 - 24.80	IPS	1635-	2400-	$ 1,076.27	$ 1,543.89	$ 2,089.31	$ 2,672.85	$ 3,521.56	T
24	24.60 - 26.20		1635-	2540-	$ 1,076.27	$ 1,543.89	$ 2,089.31	$ 2,672.85	$ 3,521.56	T
24	25.00 - 26.60	C900/C905/DIP/Cast A, B	1635-	2580-	$ 1,076.27	$ 1,543.89	$ 2,089.31	$ 2,672.85	$ 3,521.56	T
24	25.52 - 27.12	Cast C - D	1635-	2632-	$ 1,076.27	$ 1,543.89	$ 2,089.31	$ 2,672.85	$ 3,521.56	T
30	29.20 - 30.80	IPS	1635-	3000-	$ 1,411.22	$ 1,714.80	$ 2,363.52	$ 3,049.68	$ 3,849.42	T
30	30.94 - 32.54	Cast A	1635-	3174-	$ 1,411.22	$ 1,714.80	$ 2,363.52	$ 3,049.68	$ 3,849.42	T
30	31.20 - 32.80	C900/C905/DIP/Cast B	1635-	3200-	$ 1,411.22	$ 1,714.80	$ 2,363.52	$ 3,049.68	$ 3,849.42	T
30	31.60 - 33.20	Cast C	1635-	3240-	$ 1,411.22	$ 1,714.80	$ 2,363.52	$ 3,049.68	$ 3,849.42	T
36	37.16 - 38.76	Cast A	1635-	3796-	$ 1,833.09	$ 2,351.73	$ 3,129.77	$ 3,936.61	$ 5,029.12	T
36	37.50 - 39.10	C900/C905/DIP/Cast B	1635-	3830-	$ 1,833.09	$ 2,351.73	$ 3,129.77	$ 3,936.61	$ 5,029.12	T
36	37.90 - 39.50	Cast C	1635-	3870-	$ 1,833.09	$ 2,351.73	$ 3,129.77	$ 3,936.61	$ 5,029.12	T
36	38.36 - 39.96	Cast D	1635-	3916-	$ 1,833.09	$ 2,351.73	$ 3,129.77	$ 3,936.61	$ 5,029.12	T

See page 138 for O.D. Chart

Different sizes and configurations available, please call for details.
NBR grid gasket certified to Standard NSF 61.

For other widths contact factory

Pipe O.D. Chart

Nom. O.D.	IPS PVC/HDPE Steel Size O.D.	DIP PVC C900/C905 O.D.	Cast Iron			Asbestos - Cement			Steel		Copper
			Classes								
			Pit	Spun	O.D.	Class	Machined End O.D.	Rough-Barrel O.D. (Min-Max)	Type	O.D.	O.D.
2”	2.38	2.50			2.50				STD	2.38	2.125
2 1/2”	2.88								STD	2.88	2.625
3”	3.50		A		3.80	100	3.74	4.00	O.D.	3.00	3.125
			B, C, D,	50 - 350	3.96	150	150	3.84	STD	3.50	3.125
						200	3.84	4.29			3.125
4”	4.50	4.80	A	50 - 350	4.80	100	4.64	4.79 - 5.14	O.D.	4.00	4.125
			B, C, D		5.00	150	4.81	4.97 - 5.27	STD	4.50	4.125
						200	4.81	5.22 - 5.57			4.125
6”	6.63	6.90	A	50 - 350	6.90	100	6.91	7.05 - 7.40	O.D.	6.00	6.125
			B, C, D		7.10	150	6.91	7.07 - 7.37	STD	6.63	6.125
			E, F		7.22	200	6.91	7.26 - 7.56			6.125
8”	8.63	9.05	A, B	50 - 300	9.05	100	9.11	9.22 - 9.57	O.D.	8.00	
			C, D	350	9.30	150	9.11	9.27 - 9.57	STD	8.63	
			E, F		9.42	200	9.11	9.39 - 9.74			
10”	10.75	11.10	A, B	50 - 200	11.10	100	11.24	11.42 - 11.77	O.D.	10.00	
			C, D	250 - 350	11.40	150	11.66	11.82 - 12.12	STD	10.75	
			E, F		11.60	200	11.66	11.77 - 12.12			
12”	12.75	13.20	A, B	50 - 200	13.20	100	13.44	13.69 - 14.04	O.D.	12.00	
			C, D	250 - 350	13.50	150	13.92	14.08 - 14.38	STD	12.75	
			E, F		13.76	200	13.92	14.03 - 14.38			
14”	14.00	C900/C905 15.30	A, B	50 - 100	15.30	100	15.07	15.40 - 15.80	O.D.	14.00	
			C, D	150 - 300	15.65	150	16.22	16.38 - 16.73			
			E, F		15.98	200	16.22	16.48 - 16.88			
16”	16.00	C900/C905 17.40	A, B	50 - 100	17.40	100	17.14	17.54 - 17.94	O.D.	16.00	
			C, D	150 - 300	17.80	150	18.46	18.62 - 18.97			
			E, F		18.16	200	18.46	18.79 - 19.19			
18”	18.00	C900/C905 19.50	A, B	50 - 100	19.50	100	19.90	20.44	STD	18.00	
			C, D	150 - 250	19.92	150	20.94	21.20			
			A, B	50 - 100	21.60	100	22.12	22.50	STD	20.00	
20”	20.00	C900/C905 21.60	C, D	150 - 200	22.06	150	23.28	23.54			
24”	24.00	C900/C905 25.80	A, B	50 - 100	25.80	100	26.48	27.17	STD	24.00	
			C, D	150 - 250	26.32	150	27.96	28.22			
30”	30.00	C900/C905 32.00	A, B	50 - 100	32.00				STD	30.00	
			C, D	150 - 250	32.74						
36”	36.00	C900/C905 38.30	B	50 - 350	38.30				STD	36.00	

Note: Outside diameters and specifications vary. Above dimensions are approximate
Determine pipe O.D. before ordering

Replacement and Service Parts

Model	Pipe Size	Tap Size	Saddle Style	No. of Bolts/Nuts	Screws/Bolt/Nut	Order Part No.	List (ea.)
3801 3802 3805 3806	2" - 8"	1/2" - 1"	Two piece brass	Two per saddle	5/16" x 2" x 18" Bronze bolt	3100-906	$ 4.03
3801 3802 3805 3806	4" 6" 8"	1 1/2" - 2"	Two piece brass	Two per saddle	7/16" x 2" x 14" Bronze bolt	3100-908	$ 3.71
3801 3802 3805 3806	10" - 12"	1/2" - 2"	Brass band	Two per saddle	1/2" x 3" Bronze bolt	3100-915	$ 5.40
3815 3816 3825A, B 3826A, B	4" - 12" 4" - 30"	1/2" - 2"	Bronze bale style	Two per single Four per double	5/8"x 11" Brass nut	4148-537	$ 6.28
3835 3836 3845A, B 3846A, B 3855 3856	4" - 12" 4" - 30" 4" - 12"	1/2" - 2"	Stainless band style	Two per single Four per double Four per wide	5/8" x 11" Stainless nut washer	4148-660 4148-573	$ 4.76 $ 1.09
3891 3892 3895 3896	2" - 8"	1/2" - 2"	Hinge style	One per 3/4", 1" Tap Two per 1 1/2", 2" Tap	5/16" x 1 1/2" x 18" Bronze bolt	3100-911	$ 1.78

Viton® O-ring adder "V"
3/4".....$ 11.67
1".....$ 11.67
1 1/2".....$ 16.88
2".....$ 16.88

Stainless Steel Bolts
$ 5.96 per bolt

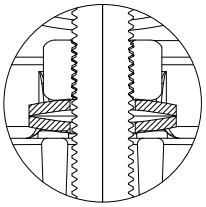
Replacement Nuts & Washers

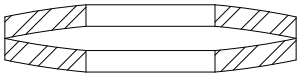
For Stainless Steel Saddles & Repair Clamps

Model	Pipe Size	Tap Size	Saddle Style	No. of Bolts/Nuts	Screws/Bolt/Nut	Order Part No.	List (ea.)
4815A 4816A 4825A 4826A	4" - 12"	3/4" - 2"	Core ten steel bale	Two per single Four for double	5/8" x 11" Stainless Steel nut washer	4148-660 4148-573	$ 4.76 $ 1.09
4835A 4836A 4845A 4846A 4855A 4856A	4" - 12"	3/4" - 2"	Stainless steel band style	Two per single Four per double Four per wide	5/8" x 11" Stainless Steel nut washer	4148-660 4148-573	$ 4.76 $ 1.09



8403BW
Belleville Washer Kit (for HDPE pipe) - List $ 22.13
Kit includes: 8 washers, enough for 4 studs (2 per stud)
Washers should be positioned with the concave sides facing each other.





Install concave washer sides facing each other.

Brass Bushings

A.Y. McDonald brass bushings are designed and used to change the thread of the inlet of a Corporation Stop or tap of a Saddle. Bushings include a generous size wrench flat for ease of installation and lay length for the appropriate thread size.

747011
AWWA x AWWA Bushing



3/4" x 1/2" 2" x 1 1/2"

Male AWWA		Female AWWA	Carton PCS/WT	Price
3/4"	x	1/2"	50/20	$18.21
1"	x	3/4"	40/16	$22.53
1 1/4"	x	3/4"	10/14	$118.13
1 1/4"	x	1"	10/12	$118.42
1 1/2"	x	3/4"	10/20	$60.76
1 1/2"	x	1"	10/18	$60.95
2"	x	3/4"	10/23	$97.28
2"	x	1"	10/16	$99.48
2"	x	1 1/4"	10/19	$86.43
2"	x	1 1/2"	10/14	$74.18

747014
AWWA x FNPT Bushing



3/4" x 1/2" 2" x 1 1/2"

Male AWWA		FNPT	Carton PCS/WT	Price
3/4"	x	1/2"	50/22	$17.25
1"	x	3/4"	40/20	$22.92
1 1/2"	x	1 1/4"	10/14	$53.40
2"	x	1 1/4"	10/20	$96.34
2"	x	1 1/2"	10/18	$85.31

747041
MNPT x Female AWWA Bushing



1" x 3/4" 2" x 1 1/2"

MNPT		Female AWWA	Carton PCS/WT	Price
1"	x	3/4"	25/17	$17.25
1 1/4"	x	3/4"	10/12	$25.81
1 1/4"	x	1"	10/11	$21.23
1 1/2"	x	3/4"	10/18	$58.58
1 1/2"	x	1"	10/15	$56.70
2"	x	3/4"	10/19	$74.94
2"	x	1"	10/12	$81.10
2"	x	1 1/4"	10/15	$62.46
2"	x	1 1/2"	10/13	$64.22

Plugs

A.Y. McDonald brass plugs are designed and used to replace a corporation stop that has been removed from a main or saddle. Plugs include generous size wrench flats for ease of installation and lay lengths for the appropriate thread size.

73206
Plug AWWA (Hollow Core)



Size	Carton PCS/WT	Price
1/2"	50/9	$27.88
5/8"	50/15	$28.29
3/4"	50/17	$13.74
1"	25/10	$19.99
1 1/4"	15/13	$43.98
1 1/2"	15/17	$44.83
2	10/16	$58.13

732060
Plug AWWA Thread with Inside Driving Thread



Size	Carton PCS/WT	Price
5/8" x 5/8"	50/23	$74.94
3/4" x 5/8"	50/25	$67.79
1" x 5/8"	50/35	$80.91

73208
Plug IPT (Hollow Core)
MNPT Corp Threads x Square Head



Size	Carton PCS/WT	Price
1/2"	50/25	$12.83
3/4"	50/11	$12.90
1"	25/7	$20.60
1 1/4"	15/12	$43.98
1 1/2"	15/12	$47.47
2	10/11	$58.13

732080
Plug - MNPT x Inside Driving Threads



Size	Carton PCS/WT	Price
3/4" x 5/8"	50/23	$30.87
1" x 5/8"	50/32	$77.84

73209
Plug Male Copper Flare Thread x Square Head



Size	Carton PCS/WT	Price
1"	25/10	$21.26











THE CUSTOMER IS THE BOSS

EST. 1856

McDonald

Curb Stops

Curb Stops

Water Works Catalog / Price List - April 2019

MORE THAN A BRAND. **WE'RE A FAMILY.**

Ball Valve Operating Head Options for All Size Ball Valves:

	List Price Adders to Base
 360º degree rotation of operating head, add “1” to fourth number in model number. Example: 76100 becomes 76110 or 74642B becomes 74652B	$ 2.39
 **“Reclaimed Water” cast** enlarged operating head, painted purple, change model number by adding “RWC” to end of model number. - Example: 76100W-22 3/4” becomes 76100W-22RWC 3/4”	$ 4.09 lock wing version
 **“Reclaimed Water” tag**, purple, pinned to operating head, change model number by adding “RWT” to end of model number. - Example: 76100-22 3/4” becomes 76100-22RWT 3/4”	$17.37
Single lock wing operating head for locking ball valve in closed position only add “W” to model number. Example: 76100 becomes 76100W	$3.76
 **Double lock wing** operating head for locking ball valve in open or closed position add “WW” to model number. - Example: 76100 becomes 76100WW	$7.53
 **Handles** for operating heads, factory assembled brass, stainless steel or fixed brass handles, contact factory for pricing and availability. (See Meter Valves section for handle options)	See Page
 **Square operating head** 2” brass with brass cotter pin that is easily pinned to existing curb stops are available and sold separately. Model 6122	See Page
CTS HandyLoc - stab and set system for ¾” and 1” copper tube size (CTS) PE (SDR 9). Replace “Q” with “H” (CTS) Add the follow list price per end connection.	3/4” “H” - $3.57 1” “H” - $4.77
PEP HandyLoc - stab and set system for 3/4” and 1” iron pipe size PEP (SIDR 7). Replace “-3Q” with “-3H” (PEP SIDR 7) Add the follow list price per end connection.	3/4” “-3H” - $4.77 1” “-3H” - $7.15
 **C-903** connections for PE-Aluminum-PE, replace “Q” in model number with “K”. Available in 3/4” & 1” sizes only. - Example: 76100Q 3/4” becomes 76100K 3/4” Add the follow list price per end connection.	3/4” - $26.69 1” - $36.71
 **Anode, Tracer Wire, or Thaw wire** connection for Flare or “Q” Compression nuts, add “A” to flare and “Q” model numbers. - Example Flare = 76100 3/4” becomes 76100A 3/4” or “Q” Series = 76100Q 3/4” becomes 76100QA 3/4”. Add the follow list price per end connection on any size.	Any size = $10.74.
 **Cross connections** for inlet and outlet are available.	Contact Factory
 **Special lay lengths** End-to-End are available	Contact Factory
British Standard Pipe Threads (BSPT) are available.	Contact Factory
 Insert stiffeners are required on all flexible plastic connections (“G”, “-3G”, “T”, “TA”, “-3Q”, “Q”, “QA”, “-3QA”, “-22”, “-33”, & “-34”) See the Service Fittings section.	

Straight Ball Valves - Flare or Compression

90º DEGREE ON/OFF TEE OPERATING HEAD

A.Y. McDonald Ball Curb Stops maintain a low turning torque and bubble-tight 300 PSIG water pressure rating due to the PTFE coated brass ball that is supported by two blow-out proof EPDM seals. The end piece joint is sealed with an EPDM O-ring and thread locker. McDonald Ball Curb Stops offer positive shut-off from either direction and are available with a wide variety of end connections.

76100
Flare x Flare



Size	Carton PCS/WT	Price
3/4" x 5/8" x 3/4"	20/40	$72.31
3/4"	15/35	$119.88
1" x 3/4" x 3/4"	10/27	$130.46
1" x 3/4" x 1"	10/30	$140.41
1"	10/38	$165.50
1 1/4" x 1" x 1"	10/48	$223.13
1 1/4" x 1" x 1 1/4"	5/25	$244.81
1 1/4"	8/48	$281.94
1 1/2"	3/25	$402.13
2"	2/29	$658.25

76100-22
-22 CTS x -22 CTS



Size	Carton PCS/WT	Price
3/4" x 5/8" x 3/4"	20/34	$73.12
3/4"	15/30	$118.30
1" x 3/4" x 3/4"	10/23	$128.43
1" x 3/4" x 1"	10/25	$150.35
1"	10/31	$177.81
1 1/4" x 1" x 1"	10/40	$234.92
1 1/4" x 1" x 1 1/4"	8/32	$244.81
1 1/4"	8/40	$281.94
1 1/2"	3/20	$425.53
2"	2/21	$598.21

76100-22-33
-22 CTS x -33 PEP-7



Size	Carton PCS/WT	Price
3/4"	15/34	$140.41
1"	10/37	$212.34
1 1/2"	3/18	$433.72
2"	2/24	$640.48

76100-22-34
-22 CTS x -34 PEP-9



Size	Carton PCS/WT	Price
3/4"	15/34	$140.41

76100-22-44
-22 CTS x -44 PVC



Size	Carton PCS/WT	Price
3/4"	15/35	$140.41
1"	10/36	$208.80
1 1/2"	3/18	$433.72
2"	2/23	$640.48

76100-22-55
-22 CTS x -55 IP



Size	Carton PCS/WT	Price
3/4"	15/33	$140.40
1"	10/37	$212.34
1 1/2"	3/18	$433.72
2"	2/23	$640.48

76100G
G CTS x G CTS



Size	Carton PCS/WT	Price
3/4" x 5/8" x 3/4"	20/39	$73.12
3/4"	15/34	$118.30
1" x 3/4" x 3/4"	10/25	$128.43
1" x 3/4" x 1"	10/29	$150.35
1"	10/35	$177.81
1 1/4" x 1" x 1"	10/34	$234.92
1 1/4" x 1" x 1 1/4"	8/34	$244.81
1 1/4"	8/43	$281.95
1 1/2"	3/21	$425.53
2"	2/19	$598.21

76100Q
Q CTS x Q CTS



Size	Carton PCS/WT	Price
3/4" x 5/8" x 3/4"	20/36	$73.12
3/4"	15/32	$118.30
1" x 3/4" x 3/4"	10/24	$128.43
1" x 3/4" x 1"	10/26	$150.35
1" x 3/4" x 1 1/4"	6/28	$172.27
1"	10/34	$177.81
1 1/4" x 1" x 1"	10/34	$234.92
1 1/4" x 1" x 1 1/4"	8/34	$244.81
1 1/4"	8/41	$281.94
1 1/2"	3/20	$425.53
2"	2/18	$598.21

76100T
T CTS x T CTS



Size	Carton PCS/WT	Price
3/4" x 5/8" x 3/4"	20/35	$73.12
3/4"	15/31	$118.30
1" x 3/4" x 3/4"	10/23	$128.43
1" x 3/4" x 1"	10/26	$150.35
1"	10/33	$177.81
1 1/4" x 1" x 1"	10/36	$234.92
1 1/4" x 1" x 1 1/4"	8/33	$244.81
1 1/4"	8/39	$281.95
1 1/2"	3/18	$425.53
2"	2/18	$598.21

76100-33
-33 PEP-7 x -33 PEP-7



Size	Carton PCS/WT	Price
3/4"	10/25	$150.35
3/4" x 1" x 3/4"	10/270	$154.50
3/4" x 1" x 1"	10/48	$189.11
1"	8/33	$228.96
1 1/4"	8/51	$335.56
1 1/2" x 2" x 1 1/2"	2/27	$441.91
2"	2/25	$682.50

76100-34
-34 PEP-9 x -34 PEP-9



Size	Carton PCS/WT	Price
3/4"	10/25	$150.35

76100G-3G
G CTS x G CTS



Size	Carton PCS/WT	Price
3/4"	15/38	$140.41

76100Q-3Q
Q CTS x -3Q PEP



Size	Carton PCS/WT	Price
3/4"	15/37	$140.41
1"	10/40	$212.34

76100Q-55
Q CTS x 55 IP

Size	Carton PCS/WT	Price
3/4"	15/33	$140.40

- Additional end connection combinations are available – Contact Factory

Straight Ball Valves - Flare or Compression

90º ON/OFF TEE OPERATING HEAD

A.Y. McDonald Ball Curb Stops maintain a low turning torque and bubble-tight 300 PSIG water pressure rating due to the PTFE coated brass ball that is supported by two blow-out proof EPDM seals. The end piece joint is sealed with an EPDM O-ring and thread locker. McDonald Ball Curb Stops offer positive shut-off from either direction and are available with a wide variety of end connections.

76100-3G

-3G PEP x -3G PEP



Size	Carton PCS/WT	Price
3/4"	10/29	$150.35
3/4" x 1" x 3/4"	10/33	$154.50
3/4" x 1" x 1"	10/38	$191.58
1"	8/37	$228.96

76100-44

-44 PVC x -44 PVC



Size	Carton PCS/WT	Price
3/4"	10/25	$150.35
3/4" x 1" x 3/4"	10/33	$154.50
3/4" x 1" x 1"	10/50	$189.11
1"	8/33	$228.96
1 1/4"	3/18	$362.47
1 1/2"	3/22	$438.96
2"	2/26	$658.25

76100-55

-55 IP x -55 IP



Size	Carton PCS/WT	Price
3/4"	10/23	$147.54
3/4" x 1" x 3/4"	10/32	$154.50
3/4" x 1" x 1"	10/50	$200.41
1"	8/34	$226.68
1 1/2"	3/23	$441.91
2"	2/25	$625.38

76100-3Q

-3Q PEP x -3Q PEP



Size	Carton PCS/WT	Price
3/4"	10/27	$150.35
3/4" x 1" x 3/4"	10/33	$154.50
3/4" x 1" x 1"	10/38	$191.58
1"	8/34	$228.96

Repair Straight Ball Valves - Flare or Compression

90º ON/OFF TEE OPERATING HEAD WITH LOCK WING

A.Y. McDonald Repair Ball Curb Stops supply additional lay length to allow them to make up the difference between a longer curb stop or longer space if a curb stop is cut out of an existing service line while maintaining a low turning torque and bubble-tight 300 PSIG water pressure rating due to the PTFE coated brass ball that is supported by two blow-out proof EPDM seals. The end piece joint is sealed with an EPDM O-ring and thread locker. McDonald Ball Curb Stops offer positive shut-off from either direction and are available with a wide variety of end connections.

76100REP-22

-22 CTS x -22 CTS



Size	Carton PCS/WT	Price
3/4" x 10.12	8/22	$152.74
1" x 10.50	8/33	$217.40

76100REPQ

Q CTS x - Q CTS



Size	Carton PCS/WT	Price
3/4" x 10.12	8/23	$152.74
1" x 10.50	8/36	$217.40

76100REPG

G CTS x - G CTS

Size	Carton PCS/WT	Price
3/4" x 10.12	8/25	$152.74
1" x 10.50	8/36	$217.40

76100WREPQ

Q CTS x - Q CTS

Size	Carton PCS/WT	Price
3/4" x 10.12	8/23	$156.54

- Additional end connection combinations are available – Contact Factory

Straight Ball Valves - Flare or Compression

90° ON/OFF TEE OPERATING HEAD WITH LOCK WING

A.Y. McDonald Ball Curb Stops maintain a low turning torque and bubble-tight 300 PSIG water pressure rating due to the PTFE coated brass ball that is supported by two blow-out proof EPDM seals. The end piece joint is sealed with an EPDM O-ring and thread locker. McDonald Ball Curb Stops offer positive shut-off from either direction and are available with a wide variety of end connections.

76100W
Flare x Flare



Size	Carton PCS/WT	Price
3/4" x 5/8" x 3/4"	20/44	$76.08
3/4"	15/36	$123.64
1" x 3/4" x 3/4"	10/26	$134.31
1" x 3/4" x 1"	10/31	$144.20
1"	10/39	$169.34
1 1/4" x 1" x 1"	10/45	$227.27
1 1/4" x 1" x 1 1/4"	10/52	$248.99
1 1/4"	3/25	$406.13
1 1/2"	2/28	$662.26
2"	2/28	$ 605.91

76100W-22
-22 CTS x -22 CTS



Size	Carton PCS/WT	Price
3/4" x 5/8" x 3/4"	20/35	$76.94
3/4"	15/31	$122.10
1" x 3/4" x 3/4"	10/22	$132.14
1" x 3/4" x 1"	10/23	$154.12
1"	10/32	$181.62
1 1/4" x 1" x 1"	10/44	$239.00
1 1/4" x 1" x 1 1/4"	10/42	$249.23
1 1/4"	8/43	$285.70
1 1/2"	3/20	$429.56
2"	2/20	$602.32

76100W-22-33
-22 CTS x -33 PEP



Size	Carton PCS/WT	Price
3/4" x 5/8" x 3/4"	20/41	$95.21
3/4"	15/34	$140.40
1"	10/38	$216.10

76100W-22-44
-22 CTS x -44 PVC



Size	Carton PCS/WT	Price
3/4" x 5/8" x 3/4"	20/41	$95.21
3/4"	15/34	$140.40
1"	10/38	$212.56

76100W-22-55
-22 CTS x -55 IP



Size	Carton PCS/WT	Price
3/4"	15/36	$144.18
3/4" x 5/8" x 3/4"	20/41	$97.78
1"	10/38	$218.29

76100WG
G CTS x G CTS



Size	Carton PCS/WT	Price
3/4" x 5/8" x 3/4"	20/39	$76.94
3/4"	15/34	$122.10
1" x 3/4" x 3/4"	10/22	$132.14
1" x 3/4" x 1"	10/29	$154.12
1"	10/36	$181.62
1 1/4" x 1" x 1"	10/44	$239.00
1 1/4" x 1" x 1 1/4"	10/42	$249.23
1 1/4"	8/46	$285.70
1 1/2"	3/21	$429.56
2"	2/19	$602.32

76100WQ
Q CTS x Q CTS



Size	Carton PCS/WT	Price
3/4" x 5/8" x 3/4"	20/37	$76.94
3/4"	15/32	$122.10
1" x 3/4" x 3/4"	10/23	$132.14
1" x 3/4" x 1"	10/28	$154.12
1"	10/35	$181.62
1 1/4" x 1" x 1"	10/45	$239.00
1 1/4" x 1" x 1 1/4"	10/47	$249.23
1 1/4"	8/44	$285.70
1 1/2"	3/19	$429.56
2"	2/18	$602.32

76100WT
T CTS x T CTS



Size	Carton PCS/WT	Price
3/4" x 5/8" x 3/4"	20/37	$76.94
3/4"	15/31	$122.10
1" x 3/4" x 3/4"	10/23	$132.14
1" x 3/4" x 1"	10/27	$154.12
1"	10/35	$181.62
1 1/4" x 1" x 1"	10/45	$239.00
1 1/4" x 1" x 1 1/4"	10/41	$249.23
1 1/4"	8/44	$285.70
1 1/2"	3/18	$429.56
2"	2/18	$602.32

76100W-33
-33 PEP-7 x -33 PEP-7



Size	Carton PCS/WT	Price
3/4"	10/25	$154.12
3/4" x 1" x 1"	10/50	$192.86
1"	10/42	$232.79

- Additional end connection combinations are available – Contact Factory

76100W-3Q
-3Q PEP x -3Q PEP



Size	Carton PCS/WT	Price
3/4"	10/27	$154.12
3/4" x 1" x 1"	10/38	$192.86
1"	10/42	$232.79

76100W-44
-44 PVC x -44 PVC



Size	Carton PCS/WT	Price
3/4"	10/25	$154.12
3/4" x 1" x 1"	10/38	$192.86
1"	10/44	$232.79
1 1/4"	3/18	$366.24
1 1/2"	3/22	$443.00
2"	2/24	$662.26

76100WG-44
G CTS x -44 PVC



Size	Carton PCS/WT	Price
3/4" x 5/8" x 3/4"	20/43	$95.21
3/4"	15/36	$140.40
1"	10/31	$212.56

76100WQ-44
Q CTS x -44 PVC



Size	Carton PCS/WT	Price
3/4"	15/35	$140.40
3/4" x 5/8" x 3/4"	20/43	$95.21
1"	10/39	$212.56

76100W-55
-55 IP x -55 IP



Size	Carton PCS/WT	Price
3/4"	10/26	$151.28
3/4" x 1" x 1"	10/39	$204.14
1"	10/44	$230.45
1 1/2"	3/22	$442.87
2"	2/27	$584.48

76100WT-55
T CTS x -55 IP

Size	Carton PCS/WT	Price
3/4"	15/33	$144.18

Straight Ball Valves - Flare or Compression x Female National Pipe Thread (FNPT) 90º ON/OFF TEE OPERATING HEAD

A.Y. McDonald Ball Curb Stops maintain a low turning torque and bubble-tight 300 PSIG water pressure rating due to the PTFE coated brass ball that is supported by two blow-out proof EPDM seals. The end piece joint is sealed with an EPDM O-ring and thread locker. McDonald Ball Curb Stops offer positive shut-off from either direction and are available with a wide variety of end connections.

76102
Flare x FNPT



Size	Carton PCS/WT	Price
3/4" x 5/8" x 3/4"	20/31	$63.51
3/4" x 5/8" x 4.00	20/34	$58.02
3/4" x 3/4" x 1"	15/39	$115.06
3/4"	15/27	$108.67
1" x 3/4" x 3/4"	10/21	$121.96
1" x 3/4" x 1"	10/22	$127.12
1"	10/30	$153.46
1" x 5.25	10/34	$153.46
1 1/4" x 1" x 1"	10/44	$208.39
1 1/4" x 1" x 1 1/4"	10/39	$221.33
1 1/4"	8/37	$257.48
1 1/2"	3/19	$347.41
2"	3/30	$510.08

76102-22
-22 CTS x FNPT



Size	Carton PCS/WT	Price
3/4" x 5/8" x 3/4"	20/27	$67.54
3/4"	15/24	$103.87
3/4" x 3.88	15/26	$103.87
3/4" x 3/4" x 1"	15/25	$121.96
1" x 3/4" x 3/4"	10/18	$116.35
1" x 3/4" x 1"	10/19	$123.31
1"	10/26	$159.51
1 1/4" x 3/4" x 1"	10/19	$165.86
1 1/4" x 1" x 1"	10/30	$208.40
1 1/4" x 1" x 1 1/4"	10/32	$223.13
1 1/4"	8/34	$257.48
1 1/2"	3/18	$347.41
2"	3/25	$483.03

76102G
G CTS x FNPT



Size	Carton PCS/WT	Price
3/4" x 5/8" x 3/4"	20/29	$67.54
3/4"	15/27	$103.87
3/4" x 3/4" x 1"	15/25	$121.96
3/4" x 3.88	15/26	$103.87
1" x 3/4" x 3/4"	10/21	$116.35
1" x 3/4" x 1"	10/21	$123.31
1"	10/28	$159.51
1 1/4" x 3/4" x 1"	10/19	$165.86
1 1/4" x 1" x 1"	10/30	$208.40
1 1/4" x 1" x 1 1/4"	10/32	$223.13
1 1/4"	8/35	$257.48
1 1/2"	3/17	$347.41
2"	3/24	$483.03

76102Q
Q CTS x FNPT



Size	Carton PCS/WT	Price
3/4" x 5/8" x 3/4"	20/28	$67.54
3/4"	15/24	$103.87
3/4" x 3/4" x 1"	15/25	$121.96
3/4" x 3.88	15/26	$103.87
1" x 3/4" x 3/4"	10/18	$116.35
1" x 3/4" x 1"	10/21	$123.31
1"	10/28	$159.51
1 1/4" x 3/4" x 1"	10/19	$165.86
1 1/4" x 1" x 1"	10/31	$208.40
1 1/4" x 1" x 1 1/4"	10/32	$223.13
1 1/4"	8/34	$257.48
1 1/2"	3/17	$347.41
2"	3/24	$483.03

76102T
T CTS x FNPT



Size	Carton PCS/WT	Price
3/4" x 5/8" x 3/4"	20/28	$67.54
3/4"	15/26	$103.87
3/4" x 3/4" x 1"	10/17	$121.96
3/4" x 3.88"	15/26	$103.87
1" x 3/4" x 3/4"	10/19	$116.35
1" x 3/4" x 1"	10/20	$123.31
1"	10/27	$159.51
1 1/4" x 3/4" x 1"	10/19	$165.86
1 1/4" x 1" x 1"	10/36	$208.40
1 1/4" x 1" x 1 1/4"	10/31	$223.13
1 1/4"	8/34	$257.48
1 1/2"	3/16	$347.41
2"	3/23	$483.03

76102-33
-33 PEP-7 x FNPT



Size	Carton PCS/WT	Price
3/4" x 5/8" x 3/4"	20/36	$75.80
3/4"	15/27	$121.96
3/4" x 3/4" x 1"	10/19	$135.29
3/4" x 1" x 1"	10/34	$154.24
1"	10/30	$173.17
1" x 3/4" x 1"	10/19	$140.56
1" x 1" x 3/4"	10/34	$135.29
1 1/4"	8/39	$287.60
1 1/2"	3/19	$378.13
2"	3/30	$578.77

- Additional end connection combinations are available – Contact Factory

76102-3G
-3G PEP x FNPT



Size	Carton PCS/WT	Price
3/4" x 5/8" x 3/4"	20/37	$75.80
3/4"	15/31	$121.96
3/4" x 3/4" x 1"	15/30	$135.29
3/4" x 1" x 1"	10/30	$154.24
1" x 3/4" x 1"	10/19	$140.56
1"	10/32	$173.17

76102-3Q
-3Q PEP x FNPT



Size	Carton PCS/WT	Price
3/4" x 5/8" x 3/4"	20/37	$75.80
3/4"	15/28	$121.96
3/4" x 3/4" x 1"	15/30	$135.29
3/4" x 1" x 1"	10/30	$154.24
1" x 3/4" x 1"	10/19	$140.56
1"	10/31	$173.17

76102-44
-44 PVC x FNPT



Size	Carton PCS/WT	Price
3/4" x 5/8" x 3/4"	20/34	$71.46
3/4"	15/27	$121.96
3/4" x 3/4" x 1"	10/35	$135.29
3/4" x 1" x 1"	10/34	$154.24
1" x 3/4" x 3/4"	15/36	$135.29
1" x 3/4" x 1"	10/19	$140.56
1"	10/30	$173.17
1 1/4" x 1" x 1"	5/25	$287.46
1 1/4" x 1 1/2" x 1 1/2"	3/21	$311.83
1 1/4"	3/15	$287.42
1 1/2"	3/19	$365.62
2"	3/28	$510.08

76102-55
-55 IP x FNPT



Size	Carton PCS/WT	Price
3/4" x 5/8" x 3/4"	20/36	$71.46
3/4"	15/25	$119.83
3/4" x 3/4" x 1"	10/33	$146.79
3/4" x 1" x 1"	10/33	$154.24
1" x 3/4" x 1"	10/19	$140.56
1"	10/32	$171.45
1 1/2"	3/19	$365.62
2"	2/19	$550.26

Repair Straight Ball Valves - Flare or Compression x Female National Pipe Thread (FNPT) 90º ON/OFF TEE OPERATING HEAD

A.Y. McDonald Repair Ball Curb Stops supply additional lay length to allow them to make up the difference between a longer curb stop or longer space if a curb stop is cut out of an existing service line while maintaining a low turning torque and bubble-tight 300 PSIG water pressure rating due to the PTFE coated brass ball that is supported by two blow-out proof EPDM seals. The end piece joint is sealed with an EPDM O-ring and thread locker. McDonald Ball Curb Stops offer positive shut-off from either direction and are available with a wide variety of end connections.

76102REP-22

-22 CTS x FNPT

Size	Carton PCS/WT	Price
1" x 10.25"	10/39	$199.10

76102REPQ

Q CTS x FNPT

Size	Carton PCS/WT	Price
3/4" x 9.75"	10/25	$138.31
1" x 10.25"	10/40	$199.10

- Additional end connection combinations are available – Contact Factory

Straight Ball Valves - Flare or Compression x Female National Pipe Thread (FNPT)

90° ON/OFF TEE OPERATING HEAD WITH LOCKWING

A.Y. McDonald Ball Curb Stops maintain a low turning torque and bubble-tight 300 PSIG water pressure rating due to the PTFE coated brass ball that is supported by two blow-out proof EPDM seals. The end piece joint is sealed with an EPDM O-ring and thread locker. McDonald Ball Curb Stops offer positive shut-off from either direction and are available with a wide variety of end connections.

76102W
Flare x FNPT



Size	Carton PCS/WT	Price
3/4" x 5/8" x 1/2"	20/35	$67.21
3/4" x 5/8" x 3/4"	20/30	$67.27
3/4" x 5/8" x 3/4" x 3.75"	20/33	$68.41
3/4" x 5/8" x 3/4" x 4.50"	20/36	$83.23
3/4" x 3/4" x 1"	15/39	$118.80
3/4"	15/27	$112.52
3/4" x 3.75"	15/30	$112.52
3/4" x 4.12"	15/29	$112.52
1" x 3/4" x 3/4"	10/28	$125.74
1" x 3/4" x 1"	10/22	$130.86
1" x 3/4" x 1" x 4.50"	10/23	$124.97
1"	10/32	$157.18
1" x 4.50"	10/31	$157.18
1" x 5.00"	10/33	$157.22
1" x 5.25"	10/34	$157.23
1 1/4" x 1" x 1"	10/43	$212.49
1 1/4" x 1" x 1 1/4"	10/40	$206.15
1 1/4"	8/38	$261.25
1 1/2"	3/20	$351.40
2"	3/31	$514.18

76102W-22
-22 CTS x FNPT



Size	Carton PCS/WT	Price
3/4" x 5/8" x 3/4"	20/29	$71.25
3/4"	15/25	$107.58
3/4" x 5/8" x 3/4" x 3.31	20/32	$71.25
3/4" x 4.06	15/29	$114.45
3/4" x 3/4" x 1"	15/26	$125.74
1" x 5/8" x 3/4"	20/33	$116.35
1" x 3/4" x 3/4"	10/19	$120.23
1" x 3/4" x 1"	10/19	$127.12
1" x 4.50	10/29	$163.24
1"	10/27	$163.24
1 1/4" x 1" x 1"	10/39	$212.50
1 1/4" x 1" x 1 1/4"	10/33	$206.14
1 1/4"	8/37	$261.25
1 1/2"	3/18	$351.53
2"	3/25	$487.18

- Additional end connection combinations are available – Contact Factory

76102WG
G CTS x FNPT



Size	Carton PCS/WT	Price
3/4" x 5/8" x 3/4"	20/31	$71.25
3/4"	15/27	$107.58
3/4" x 5/8" x 3/4" x 3.31"	20/32	$71.25
3/4" x 3/4" x 1"	15/26	$125.74
3/4" x 4.06"	15/29	$114.45
1" x 5/8" x 3/4"	20/34	$116.35
1" x 3/4" x 3/4"	10/19	$120.23
1" x 3/4" x 1"	10/21	$127.12
1"	10/29	$163.24
1" x 4.50	10/29	$163.24
1 1/4" x 1" x 1"	10/35	$212.50
1 1/4" x 1" x 1 1/4"	10/34	$206.14
1 1/4"	8/39	$261.25
1 1/2"	3/18	$351.53
2"	3/24	$487.18

76102WQ
Q CTS x FNPT



Size	Carton PCS/WT	Price
3/4" x 5/8" x 3/4"	20/30	$71.25
3/4"	15/26	$107.58
3/4" x 5/8" x 3/4" x 3.31"	20/32	$71.25
3/4" x 3/4" x 1"	15/26	$125.74
3/4" x 4.06	15/29	$114.45
1" x 5/8" x 3/4"	20/34	$116.35
1" x 3/4" x 3/4"	10/19	$120.23
1" x 3/4" x 1"	10/21	$127.12
1"	10/28	$163.24
1" x 4.50	10/29	$163.24
1 1/4" x 1" x 1"	10/35	$212.50
1 1/4" x 1" x 1 1/4"	10/34	$206.14
1 1/4"	8/38	$261.25
1 1/2"	3/16	$351.53
2"	3/24	$487.18

76102WT
T CTS x FNPT



Size	Carton PCS/WT	Price
3/4" x 5/8" x 3/4"	20/29	$71.25
3/4" x 5/8" x 3/4" x 3.31	20/32	$71.25
3/4" x 4.06"	15/29	$114.45
3/4"	15/26	$107.58
3/4" x 3/4" x 1"	15/63	$125.74
1" x 5/8" x 3/4"	20/34	$116.35
1" x 3/4" x 3/4"	10/20	$120.23
1" x 3/4" x 1"	10/20	$127.12
1" x 4.50"	10/29	$163.24
1"	10/29	$163.24
1 1/4" x 1" x 1"	10/36	$212.50
1 1/4" x 1" x 1 1/4"	10/33	$206.14
1 1/4"	8/38	$261.25
1 1/2"	3/17	$351.53
2"	3/25	$487.18

76102W-33
-33 PEP-7 x FNPT



Size	Carton PCS/WT	Price
3/4" x 5/8" x 3/4"	20/34	$79.57
3/4"	15/29	$125.74
3/4" x 3/4" x 1"	10/19	$139.08
3/4" x 1" x 1"	10/40	$158.00
1"	10/31	$176.96
1 1/2"	3/19	$381.89
2"	3/28	$514.18

76102W-3Q
-3Q PEP x FNPT



Size	Carton PCS/WT	Price
3/4" x 5/8" x 3/4"	20/35	$79.57
3/4"	10/20	$125.74
3/4" x 3/4" x 1"	10/19	$139.08
3/4" x 1" x 1"	10/28	$158.00
1"	10/32	$176.96

76102W-44
-44 PVC x FNPT



Size	Carton PCS/WT	Price
3/4" x 5/8" x 3/4"	20/35	$75.26
3/4"	15/28	$125.74
3/4" x 3/4" x 1"	10/36	$139.08
3/4" x 1" x 1"	10/40	$158.00
1"	10/32	$176.96
1 1/4"	3/15	$291.19
1 1/4" x 1 1/2" x 1 1/2"	3/24	$315.90
1 1/2"	3/17	$369.63
2"	3/28	$514.18

76102W-55
-55 IP x FNPT

Size	Carton PCS/WT	Price
3/4" x 5/8" x 3/4"	20/34	$75.26
3/4"	15/26	$123.56
3/4" x 3/4" x 1"	10/19	$150.60
3/4" x 1" x 1"	10/40	$158.00
1"	10/32	$175.19
1 1/2"	3/19	$381.89
2"	3/28	$514.18

Straight Ball Valves - Female National Pipe Thread (FNPT) x Female National Pipe Thread (FNPT)

90º ON/OFF TEE OPERATING HEAD

A.Y. McDonald Ball Curb Stops maintain a low turning torque and bubble-tight 300 PSIG water pressure rating due to the PTFE coated brass ball that is supported by two blow-out proof EPDM seals. The end piece joint is sealed with an EPDM O-ring and thread locker. McDonald Ball Curb Stops offer positive shut-off from either direction and are available with a wide variety of end connections.

76101
FNPT x FNPT



Size	Carton PCS/WT	Price
1/2" x 5/8" x 1/2"	20/23	$56.49
3/4" x 5/8" x 3/4"	20/22	$56.49
3/4" x 5/8" x 3/4" x 3.50"	20/26	$61.69
3/4" x 5/8" x 3/4" x 3.75"	20/25	$60.01
3/4" x 3.44"	15/21	$91.92
3/4"	15/20	$91.92
1" x 3/4" x 3/4"	15/21	$98.77
1" x 3/4" x 1"	15/22	$102.50
1" x 3/4" x 1" x 3.5	15/23	$98.77
1" x 3.81"	10/23	$142.84
1"	10/23	$142.84
1 1/4" x 1" x 1"	10/24	$184.63
1 1/4" x 1" x 1 1/4"	10/27	$197.33
1 1/4"	8/28	$232.93
1 1/2"	3/14	$292.52
2"	3/20	$427.81
2 1/2" x 2" x 2 1/2"	2/16	$548.87
2 1/2" x 2" x 2 1/2" x 8.85	2/18	$548.87

76101W
FNPT x FNPT, Lockwing



Size	Carton PCS/WT	Price
1/2" x 5/8" x 1/2"	20/23	$60.25
3/4" x 5/8" x 3/4"	20/24	$60.25
3/4" x 5/8" x 3/4" x 2.94"	20/24	$60.25
3/4" x 5/8" x 3/4" x 3.19"	20/26	$63.78
3/4" x 5/8" x 3/4" x 3.38"	20/26	$65.45
3/4" x 5/8" x 3/4" x 3.50"	20/28	$65.45
3/4" x 5/8" x 3/4" x 3.75"	20/29	$63.78
3/4" x 5/8" x 3/4" x 3.94"	20/30	$65.45
3/4" x 3.44"	15/22	$95.68
3/4" x 3.75"	15/24	$103.87
3/4"	15/21	$95.68
1" x 3/4" x 3/4"	15/21	$102.50
1" x 3/4" x 1"	15/23	$106.35
1" x 3.81"	10/24	$146.65
1" x 4.50"	10/27	$165.43
1"	10/24	$146.64
1 1/4" x 1" x 1"	10/36	$188.73
1 1/4" x 1" x 1 1/4"	10/29	$201.49
1 1/4"	8/33	$236.69
1 1/2"	3/14	$296.68
2"	3/20	$431.99
2 1/2" x 2" x 2 1/2"	2/17	$553.05
2 1/2" x 2" x 2 1/2" x 8.85	2/18	$553.05

- Additional end connection combinations are available – Contact Factory

Straight Ball Valves - Compression x Flare

90º ON/OFF TEE OPERATING HEAD

A.Y. McDonald Ball Curb Stops maintain a low turning torque and bubble-tight 300 PSIG water pressure rating due to the PTFE coated brass ball that is supported by two blow-out proof EPDM seals. The end piece joint is sealed with an EPDM O-ring and thread locker. McDonald Ball Curb Stops offer positive shut-off from either direction and are available with a wide variety of end connections.

76103-22
-22 CTS x Flare



Size	Carton PCS/WT	Price
3/4"	15/33	$114.02
1" x 3/4" x 3/4"	10/31	$136.90
1"	10/36	$171.70
1 1/4"	8/48	$281.94
1 1/2"	3/25	$413.83
2"	2/29	$628.23

76103Q
Q CTS x Flare



Size	Carton PCS/WT	Price
3/4"	15/34	$114.02
1" x 3/4" x 3/4"		$136.90
1"	10/37	$171.70
1 1/4"	8/48	$281.94
1 1/2"	3/25	$413.83
2"	2/29	$628.23

76103-3G
-3G PEP x Flare



Size	Carton PCS/WT	Price
3/4"	10/25	$135.30
1"	10/36	$204.32

76103G
G CTS x Flare



Size	Carton PCS/WT	Price
3/4"	15/33	$114.02
1" x 3/4" x 3/4"	10/31	$136.90
1"	10/36	$171.70
1 1/4"	8/48	$281.94
1 1/2"	3/25	$413.83
2"	2/29	$628.23

76103T
T CTS x Flare



Size	Carton PCS/WT	Price
3/4"	15/35	$114.02
1" x 3/4" x 3/4"	10/31	$136.90
1"	10/36	$171.70
1 1/4"	8/48	$281.94
1 1/2"	3/25	$413.83
2"	2/29	$628.23

76103-3Q
-3Q PEP x Flare



Size	Carton PCS/WT	Price
3/4"	10/25	$135.30
1"	10/36	$204.32

Straight Ball Valves - Compression x Flare

90º ON/OFF TEE OPERATING HEAD WITH LOCKWING

A.Y. McDonald Ball Curb Stops maintain a low turning torque and bubble-tight 300 PSIG water pressure rating due to the PTFE coated brass ball that is supported by two blow-out proof EPDM seals. The end piece joint is sealed with an EPDM O-ring and thread locker. McDonald Ball Curb Stops offer positive shut-off from either direction and are available with a wide variety of end connections.

76103W-22
-22 CTS x Flare, Lockwing



Size	Carton PCS/WT	Price
3/4"	15/33	$117.78
1" x 3/4" x 3/4"	10/31	$140.66
1"	10/38	$175.49
1 1/2"	3/25	$417.84
2"	2/29	$632.24

76103WQ
Q CTS x Flare, Lockwing

Size	Carton PCS/WT	Price
3/4"	15/33	$117.78
1" x 3/4" x 3/4"	10/31	$140.66
1"	10/38	$175.49

76103W-3G
-3G PEP x Flare, Lockwing

Size	Carton PCS/WT	Price
3/4"	10/25	$139.06
1"	10/36	$208.08

76103WG
G CTS x Flare, Lockwing

Size	Carton PCS/WT	Price
3/4"	15/33	$117.78
1" x 3/4" x 3/4"	10/31	$140.66
1"	10/38	$175.49

76103WT
T CTS x Flare, Lockwing

Size	Carton PCS/WT	Price
3/4"	15/33	$117.78
1" x 3/4" x 3/4"	10/31	$140.66
1"	10/38	$175.49

76103W-3Q
-3Q PEP x Flare, Lockwing

Size	Carton PCS/WT	Price
3/4"	10/25	$139.06
1"	10/36	$208.08

- Additional end connection combinations are available – Contact Factory

Straight Ball Valves - Flare, FNPT or Compression

90º ON/OFF TEE OPERATING HEAD

A.Y. McDonald Ball Curb Stops with Di-Electric connection maintain a low turning torque and bubble-tight 300 PSIG water pressure rating due to the PTFE coated brass ball that is supported by two blow-out proof EPDM seals. The end piece joint is sealed with an EPDM O-ring and thread locker. McDonald Ball Curb Stops offer positive shut-off from either direction and are available with a wide variety of end connections. A nylon bushing is factory assembled and tested into these valves. This nylon bushing is designed to stop the flow of stray electrical current. Many configurations are available, contact factory to design to your requirements.



76100DB

Flare with Di-electric Bushing Flare

Size	Carton PCS/WT	Price
3/4"	15/39	$166.75
1"	10/44	$250.61
1 1/2"	3/28	$593.18
2"	2/33	$990.48



76100DBQ

Q CTS with Di-electric Bushing Q CTS

Size	Carton PCS/WT	Price
3/4"	15/35	$165.17
1"	10/41	$229.40



76100DB-44

-44 PVC with Di-electric Bushing -44 PVC

Size	Carton PCS/WT	Price
2"	2/27	$725.04



76100DB-22

-22 CTS with Di-electric Bushing -22 CTS

Size	Carton PCS/WT	Price
3/4"	15/35	$165.17
1"	10/39	$240.11
1 1/2"	3/24	$517.85
2"	2/26	$713.38



76100DBT

T CTS with Di-electric Bushing T CTS

Size	Carton PCS/WT	Price
3/4"	15/35	$165.17
1"	10/39	$240.11
1 1/2"	3/24	$517.85
2"	2/26	$713.38

Straight Ball Valves - Compression x Compression

90º ON/OFF TEE OPERATING HEAD - MINNEAPOLIS PATTERN BODY – WITH DIELECTRIC CONNECTION

A.Y. McDonald Ball Curb Stops with Di-Electric connection maintain a low turning torque and bubble-tight 300 PSIG water pressure rating due to the PTFE coated brass ball that is supported by two blow-out proof EPDM seals. The end piece joint is sealed with an EPDM O-ring and thread locker. McDonald Ball Curb Stops offer positive shut-off from either direction and are available with a wide variety of end connections. A nylon bushing is factory assembled and tested into these valves. This nylon bushing is designed to stop the flow of stray electrical current. Many configurations are available, contact factory to design to your requirements.

76102DB-22

-22 CTS with Di-electric Bushing FNPT

Size	Carton PCS/WT	Price
3/4"	15/30	$152.28

76104DBQ

Minneapolis Pattern
Q CTS with Di-electric Bushing

Size	Carton PCS/WT	Price
3/4"	15/44	$175.98
1"	10/47	$246.23

- Additional end connection combinations are available – Contact Factory

Straight Ball Valves - Flare, FNPT, MNPT or Compression x Male National Pipe Thread (MNPT) 90º ON/OFF TEE OPERATING HEAD

A.Y. McDonald Ball Curb Stops maintain a low turning torque and bubble-tight 300 PSIG water pressure rating due to the PTFE coated brass ball that is supported by two blow-out proof EPDM seals. The end piece joint is sealed with an EPDM O-ring and thread locker. McDonald Ball Curb Stops offer positive shut-off from either direction and are available with a wide variety of end connections.

76107
FNPT x MNPT



Size	Carton PCS/WT	Price
3/4"	15/22	$94.70
1"	10/24	$145.87
1 1/4"	8/30	$268.71
1 1/2"	3/14	$337.46
2"	3/23	$507.48

76107-22
-22 CTS x MNPT



Size	Carton PCS/WT	Price
3/4"	15/27	$120.70
3/4" x 3/4" x 1"	15/29	$146.90
1"	10/27	$170.19
1 1/2"	3/17	$387.36
1 1/2" x 1 1/2" x 2"	3/17	$454.08
2"	3/25	$520.79

76107T
T CTS x MNPT



Size	Carton PCS/WT	Price
3/4"	15/27	$120.70
3/4" x 3/4" x 1"	15/29	$146.90
1"	10/27	$170.19
1 1/2"	3/17	$387.36
1 1/2" x 1 1/2" x 2"	3/17	$454.08
2"	3/26	$520.79

76107C
Flare x MNPT



Size	Carton PCS/WT	Price
3/4"	15/33	$113.97
1"	10/31	$171.95
1 1/4"	8/42	$316.75
1 1/2"	3/20	$359.28
2"	3/27	$584.72

76107G
G CTS x MNPT



Size	Carton PCS/WT	Price
3/4"	15/28	$120.70
3/4" x 3/4" x 1"	15/29	$146.90
1"	10/29	$170.19
1 1/2" X 1 1/2" X 2"	3/17	$454.08
1 1/2"	3/17	$387.36
2"	3/25	$520.79

76107-33
-33 PEP-7 x MNPT



Size	Carton PCS/WT	Price
3/4	15/30	$143.63
1"	10/32	$203.36
1 1/2"	3/18	$460.96
2"	3/27	$619.74

76107P
MNPT x MNPT



Size	Carton PCS/WT	Price
3/4	15/22	$107.96
1"	10/24	$166.28
1 1/2"	3/14	$384.70
2"	3/23	$526.22

76107Q
Q CTS x MNPT



Size	Carton PCS/WT	Price
3/4"	15/27	$120.70
3/4" x 3/4" x 1	15/29	$146.90
1"	10/28	$170.19
1 1/2" X 1 1/2" X 2"	3/17	$387.36
1 1/2"	3/17	$454.08
2"	3/26	$520.79

76107-44
-44 PVC x MNPT



Size	Carton PCS/WT	Price
3/4	15/30	$143.63
1"	10/32	$203.36
1 1/2"	3/18	$460.96
2"	3/27	$619.74

76107-55
-55 IP x MNPT



Size	Carton PCS/WT	Price
3/4	15/30	$143.63
1"	10/32	$203.36
1 1/2"	3/18	$460.96
2"	3/27	$619.74

Repair Straight Ball Valves - Flare, FNPT, MNPT or Compression x Male National Pipe Thread (MNPT)

90º ON/OFF TEE OPERATING HEAD

A.Y. McDonald Ball Curb Stops maintain a low turning torque and bubble-tight 300 PSIG water pressure rating due to the PTFE coated brass ball that is supported by two blow-out proof EPDM seals. The end piece joint is sealed with an EPDM O-ring and thread locker. McDonald Ball Curb Stops offer positive shut-off from either direction and are available with a wide variety of end connections.

76107REPQ
Q CTS x MNPT



Size	Carton PCS/WT	Price
3/4" x 10.50	10/26	$155.14
1" x 11.12	10/40	$209.78

- Additional end connection combinations are available – Contact Factory

Straight Ball Valves - Flare, FNPT, MNPT or Compression x Male National Pipe Thread (MNPT)

90° ON/OFF TEE OPERATING HEAD WITH LOCKWING

A.Y. McDonald Ball Curb Stops maintain a low turning torque and bubble-tight 300 PSIG water pressure rating due to the PTFE coated brass ball that is supported by two blow-out proof EPDM seals. The end piece joint is sealed with an EPDM O-ring and thread locker. McDonald Ball Curb Stops offer positive shut-off from either direction and are available with a wide variety of end connections.

76107W
FNPT x MNPT



Size	Carton PCS/WT	Price
3/4"	15/21	$98.48
3/4" x 5/8" x 3/4"	20/23	$57.91
1"	10/25	$149.72
1 1/2"	3/15	$341.58
2"	3/21	$511.63

76107WQ
Q CTS x MNPT



Size	Carton PCS/WT	Price
3/4"	15/28	$124.48
1"	10/29	$170.19
1 1/4"	8/39	$269.69
1 1/2"	3/21	$391.12
2"	2/19	$524.95

76107WT
T CTS x MNPT



Size	Carton PCS/WT	Price
3/4"	15/27	$124.48
1"	10/29	$170.19
1 1/4" x 1" x 1 1/4"	10/35	$215.30
1 1/4"	8/39	$269.69
1 1/2"	3/21	$391.12
2"	2/19	$524.95

76107WP
MNPT x MNPT



Size	Carton PCS/WT	Price
3/4"	15/21	$112.27
1"	10/25	$170.05
2"	3/23	$529.72

76107W-33
-33 PEP x MNPT



Size	Carton PCS/WT	Price
3/4"	15/30	$147.39
1"	10/32	$207.12

76107W-44
-44 PVC x MNPT



Size	Carton PCS/WT	Price
3/4"	15/30	$147.39
1"	10/32	$207.12
1 1/4"	3/18	$464.72
2"	3/30	$637.91

76107W-22
-22 CTS x MNPT



Size	Carton PCS/WT	Price
3/4"	15/27	$124.48
1"	10/29	$170.19
1 1/4" x 1" x 1 1/4"	10/35	$215.30
1 1/4"	8/39	$269.69
1 1/2"	3/21	$391.12
2"	2/19	$524.95

76107W-3Q
-3Q PEP x MNPT



Size	Carton PCS/WT	Price
3/4"	15/30	$147.39
1"	10/32	$207.12

76107W-55
-55 IP x MNPT



Size	Carton PCS/WT	Price
3/4"	15/30	$147.39
1"	10/32	$207.12
1 1/4"	3/18	$464.72
2"	3/30	$637.91

76107WG
G CTS x MNPT



Size	Carton PCS/WT	Price
3/4"	15/29	$124.48
1"	10/29	$170.19
1 1/4"	8/40	$269.69
1 1/2"	3/21	$391.12
2"	2/19	$524.95

76107W-3G
-3G PEP x MNPT



Size	Carton PCS/WT	Price
3/4"	15/30	$147.39
1"	10/32	$207.12

- Additional end connection combinations are available – Contact Factory

Vertical Inlet / Outlet Blow-Off Ball Valves - Flare, FNPT & Compression x MNPT

360º OPERATING HEAD

A.Y. McDonald Blow-Off Ball valves maintain a low turning torque and bubble-tight 300 PSIG water pressure rating due to the PTFE coated brass ball that is supported by two blow-out proof EPDM seals. The end cap joint is sealed with an EPDM O-ring and thread locker. McDonald Blow-Off Ball valves offer positive shut-off from either direction and are available with a wide variety of end connections.

Options:

Valves can be ordered with a factory assembled (only) removable cap that offers a larger operating head, change model number by adding "CAP" to model number directly after the "B".

List price adder = $24.26 for 3/4" and 1" - $26.53 for 1 1/4", 1 1/2" or 2"

Example: 76109B 2" becomes 76109BCAP 2" or 76109B-22 2" becomes 76109BCAP-22 2"

To order replacement cap and set screw.

4100CAP 3/4" - $18.95

4100CAP 1" - $18.95

4100CAP 1 1/4" - 2" - $18.95



76109B
Flare x MNPT

Size	Carton PCS/WT	Price
1" x 1" x 3/4"	10/29	$191.62
2" x 1 1/2" x 2"	2/21	$699.76



76109B-22
-22 CTS x MNPT

Size	Carton PCS/WT	Price
2" x 1 1/2" x 2"	2/13	$507.95



76109BQ
Q CTS x MNPT

Size	Carton PCS/WT	Price
2" x 1 1/2" x 2"	2/12	$507.95



76109BF
FNPT x MNPT

Size	Carton PCS/WT	Price
2" x 1 1/2" x 2"	2/12	$443.66



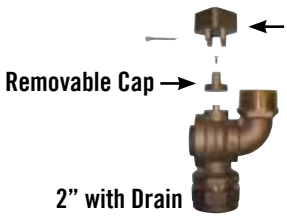
76109BG
G CTS x MNPT

Size	Carton PCS/WT	Price
2" x 1 1/2" x 2"	2/14	$507.95



76109BT
T CTS x MNPT

Size	Carton PCS/WT	Price
2" x 1 1/2" x 2"	2/8	$507.95



In order to purchase a 76109BT with Removable Cap, you must change the model numbers for example: 76109BT to 76109BCAPT.

A brass 2" square operating head with brass cotter pin is also available in conjunction with the "CAP" option to provide a 2" square operating head that is easily pinned to existing curb stops with the "CAP" option and are sold separately. Model 6122 – List Price = $25.65

A manual 1/8" drain feature with plug on the side of the outlet elbow is also available for manually draining the outlet side of this valve. Change model number by adding "D" to the model number.

List Price Adder = $18.61

Example: 76109BCAP 2" becomes 76109BCAPD 2" or 76109BCAP-22 2" becomes 76109BCAPD-22 2"

- Additional end connection combinations are available – Contact Factory

Vertical Inlet / Outlet Blow-Off Ball Valves - Flare, FNPT & Compression x MNPT

360º OPERATING HEAD

A.Y. McDonald Blow-Off Ball valves maintain a low turning torque and bubble-tight 300 PSIG water pressure rating due to the PTFE coated brass ball that is supported by two blow-out proof EPDM seals. The end cap joint is sealed with an EPDM O-ring and thread locker. McDonald Blow-Off Ball valves offer positive shut-off from either direction and are available with a wide variety of end connections.



76109BCAPF
FNPT x MNPT

Size	Carton PCS/WT	Price
2" x 1 1/2" x 2"	2/12	$470.19
2"	3/22	$487.59



76109BCAP
Flare x MNPT

Size	Carton PCS/WT	Price
1" x 1" x 3/4"	10/32	$215.89
2" x 1 1/2" x 2"	2/21	$726.29



76109BCAPQ
Q CTS x MNPT

Size	Carton PCS/WT	Price
2" x 1 1/2" x 2"	2/13	$534.48
2"	3/24	$551.88

76109BCAPDFF
FNPT x MNPT with Drain

Size	Carton PCS/WT	Price
2" x 1 1/2" x 2"	2/12	$463.52
2"	3/25	$499.53

76109BCAP-22
Flare x MNPT

Size	Carton PCS/WT	Price
2"	3/25	$545.21

76109BCAPPD
Q CTS x MNPT

Size	Carton PCS/WT	Price
2" x 1 1/2" x 2"	2/	$488.80



76109BCAPDF
FNPT x MNPT with Drain

Size	Carton PCS/WT	Price
2"	3/22	$506.20

76109BCAPT
Flare x MNPT

Size	Carton PCS/WT	Price
2"	3/24	$551.88

76109BCAPF-22
Q CTS x MNPT

Size	Carton PCS/WT	Price
2" x 1 1/2" x 2"	3/24	$588.83

76109BCAPDF-22
FNPT x MNPT with Drain

Size	Carton PCS/WT	Price
2"	3/25	$563.82

76109BCAPG
Flare x MNPT

Size	Carton PCS/WT	Price
2"	3/24	$551.88

76109BCAPFF
FNPT x MNPT

Size	Carton PCS/WT	Price
2" x 1 1/2" x 2"	2/12	$482.13
2"	3/26	$480.92

- Additional end connection combinations are available – Contact Factory

Flare Compression or FNPT

90º ON/OFF TEE OPERATING HEAD

A.Y. McDonald Stop & Drain Ball Curb Stops maintain a low turning torque and bubble-tight 150 PSIG water pressure rating due to the PTFE coated brass ball that is supported by two blow-out proof EPDM seals. The end piece joint is sealed with an EPDM O-ring and thread locker. McDonald Stop & Drain Ball Curb Stops are available with a wide variety of end connections.

All Stop & Drain Ball Valves are Directional and automatically drain from the outlet side when in the closed position.

Option:

This drain feature can also include a check valve so that ground water cannot back flow into the outlet side of the service line.
Add "C" to the model number for this option.
Example: 76001 3/4" becomes 76001C 3/4"
List price adder = $114.66 for all sizes.

76000
Flare x Flare



Size	Carton PCS/WT	Price
3/4"	15/36	$143.61
1"	10/38	$189.36
1 1/2"	3/26	$473.86
2"	2/30	$730.28

76000G
G CTS x G CTS



Size	Carton PCS/WT	Price
3/4"	15/34	$142.02
1"	10/35	$201.65
1 1/2"	3/21	$497.32
2"	2/20	$670.22

76000T
T CTS x T CTS



Size	Carton PCS/WT	Price
3/4"	15/32	$142.02
1"	10/35	$201.65
1 1/2"	3/21	$497.32
2"	2/19	$670.22

76000-22
-22 CTS x -22 CTS



Size	Carton PCS/WT	Price
3/4"	15/30	$142.02
1"	10/32	$201.65
1 1/2"	3/21	$497.32
2"	2/20	$670.22

76000Q
Q CTS x Q CTS



Size	Carton PCS/WT	Price
3/4"	15/32	$142.02
1"	10/35	$201.65
1 1/2"	3/20	$497.32
2"	2/19	$670.22

76000-44
-44 PVC x -44 PVC



Size	Carton PCS/WT	Price
1 1/2"	3/23	$510.76

76001
FNPT x FNPT



Size	Carton PCS/WT	Price
3/4"	15/21	$115.63
3/4" x 3.31"	15/23	$125.23
1"	10/24	$166.64
1" x 4.88"	10/27	$166.68
1 1/4"	8/33	$304.33
1 1/2"	3/16	$364.17
2"	2/14	$499.63

- Additional end connection combinations are available – Contact Factory

Stop & Drain Straight Ball Valves - Flare or Compression x FNPT

90º ON/OFF TEE OPERATING HEAD

A.Y. McDonald Stop & Drain Ball Curb Stops maintain a low turning torque and bubble-tight 150 PSIG water pressure rating due to the PTFE coated brass ball that is supported by two blow-out proof EPDM seals. The end piece joint is sealed with an EPDM O-ring and thread locker. McDonald Stop & Drain Ball Curb Stops are available with a wide variety of end connections.

All Stop & Drain Ball Valves are Directional and automatically drain from the outlet side when in the closed position.

Option:

This drain feature can also include a check valve so that ground water cannot back flow into the outlet side of the service line.
Add "C" to the model number for this option.
Example: 76002 3/4" becomes 76002C 3/4"
List price adder = $114.66 for all sizes.

76002
Flare x FNPT



Size	Carton PCS/WT	Price
3/4"	15/28	$132.41
1"	10/35	$174.21
1 1/4"	8/38	$328.91
1 1/2"	3/24	$435.95
2"	2/28	$671.86

76002G
G CTS x FNPT



Size	Carton PCS/WT	Price
3/4"	15/25	$127.57
1"	10/29	$183.27
1 1/4"	8/37	$328.91
1 1/2"	3/24	$435.95
2"	2/28	$671.86

76002T
T CTS x FNPT



Size	Carton PCS/WT	Price
3/4"	15/25	$127.57
1"	10/29	$183.27
1 1/4"	8/37	$328.91
1 1/2"	3/24	$435.95
2"	2/28	$671.86

76002-22
-22 CTS x FNPT



Size	Carton PCS/WT	Price
3/4"	15/25	$127.57
1"	10/29	$183.27
1 1/4"	8/37	$328.91
1 1/2"	3/24	$435.95
2"	2/28	$671.86

76002Q
Q CTS x FNPT



Size	Carton PCS/WT	Price
3/4"	15/25	$127.57
1"	10/29	$183.27
1 1/4"	8/37	$328.91
1 1/2"	3/24	$435.95
2"	2/28	$671.86

- Additional end connection combinations are available – Contact Factory

Stop & Drain Straight Ball Valves - Flare or Compression x FNPT

90º ON/OFF TEE OPERATING HEAD - MINNEAPOLIS PATTERN BODY

A.Y. McDonald Stop & Drain Ball Curb Stops maintain a low turning torque and bubble-tight 150 PSIG water pressure rating due to the PTFE coated brass ball that is supported by two blow-out proof EPDM seals. The end piece joint is sealed with an EPDM O-ring and thread locker. McDonald Stop & Drain Ball Curb Stops are available with a wide variety of end connections.

All Stop & Drain Ball Valves are Directional and automatically drain from the outlet side when in the closed position

Option:

This drain feature can also include a check valve so that ground water cannot back flow into the outlet side of the service line.
Add "C" to the model number for this option.
Example: 76004 3/4" becomes 76004C 3/4"
List price adder = $114.66 for all sizes.

76004
Flare x Flare



Size	Carton PCS/WT	Price
3/4"	15/41	$154.50
1"	10/41	$200.25
1 1/4"	8/51	$365.78
1 1/2"	3/27	$486.26
2"	2/30	$743.13

76004Q
Q CTS x Q CTS



Size	Carton PCS/WT	Price
3/4"	15/37	$154.50
1"	10/38	$200.25
1 1/4"	8/46	$365.78
1 1/2"	3/20	$486.26
2"	2/20	$743.13

76004-44
-44 PVC x -44 PVC



Size	Carton PCS/WT	Price
1 1/2"	3/23	$523.16
2"	2/27	$742.69

76004-22
-22 CTS x -22 CTS



Size	Carton PCS/WT	Price
3/4"	15/36	$152.91
1"	10/35	$212.53
1 1/4"	8/46	$365.78
1 1/2"	3/22	$509.72
2"	2/21	$682.62

76004T
T CTS x T CTS



Size	Carton PCS/WT	Price
3/4"	15/37	$152.91
1"	10/37	$212.53
1 1/4"	8/46	$365.78
1 1/2"	3/20	$509.72
2"	2/19	$682.62

76005
FNPT x FNPT



Size	Carton PCS/WT	Price
3/4"	15/29	$126.50
1"	10/25	$177.51
1 1/4"	8/35	$316.75
1 1/2"	3/17	$376.57
2"	2/15	$512.04

76004G
G CTS x G CTS



Size	Carton PCS/WT	Price
3/4"	15/37	$154.50
1"	10/38	$200.25
1 1/4"	8/46	$365.78
1 1/2"	3/20	$486.26
2"	2/20	$743.13

76004-33
-33 PEP-7 x -33 PEP-7



Size	Carton PCS/WT	Price
1 1/2" x 2" x 1 1/2"	2/20	$548.18
2"	1/12	$766.98

76006-44
-44 PVC x FNPT



Size	Carton PCS/WT	Price
1 1/2"	3/20	$449.76
2"	2/19	$594.36

- Additional end connection combinations are available – Contact Factory

Right Open Stop & Drain Straight Ball Valves - FNPT, Flare or Compression



90º ON/OFF TEE OPERATING HEAD

A.Y. McDonald Stop & Drain Ball Curb Stops maintain a low turning torque and bubble-tight 150 PSIG water pressure rating due to the PTFE coated brass ball that is supported by two blow-out proof EPDM seals. The end piece joint is sealed with an EPDM O-ring and thread locker. McDonald Stop & Drain Ball Curb Stops are available with a wide variety of end connections.

All Stop & Drain Ball Valves are Directional and automatically drain from the outlet side when in the closed position.

Option:

This drain feature can also include a check valve so that ground water cannot back flow into the outlet side of the service line.
Add "C" to the model number for this option.
Example: 76070Q 3/4" becomes 76070QC 3/4"
List price adder = $114.66 for all sizes.

76070
Flare x Flare



Size	Carton PCS/WT	Price
1 1/2"	3/27	$490.60
2"	2/30	$655.35

76070G
G CTS x G CTS



Size	Carton PCS/WT	Price
3/4"	15/30	$158.80
1"	10/33	$218.40
1 1/2"	3/21	$514.04
2"	2/21	$686.95

76071
FNPT x FNPT



Size	Carton PCS/WT	Price
3/4"	15/23	$132.38
1"	10/24	$183.37
1 1/2"	3/16	$380.90
2"	2/14	$509.03

76070NE
NE Flare x NE Flare - New England



Size	Carton PCS/WT	Price
3/4"	15/36	$164.88
1"	10/39	$218.67

76070Q
Q CTS x Q CTS



Size	Carton PCS/WT	Price
3/4"	15/32	$158.80
1"	10/35	$218.40
1 1/2"	3/20	$514.04
2"	2/19	$686.95

76070-22
-22 CTS x -22 CTS



Size	Carton PCS/WT	Price
3/4"	15/30	$158.80
1"	10/33	$218.40
1 1/2"	3/21	$514.04
2"	2/21	$686.95

76070T
T CTS x T CTS



Size	Carton PCS/WT	Price
3/4"	15/32	$158.80
1"	10/33	$218.40
1 1/2"	3/19	$514.04
2"	2/19	$686.95

- Additional end connection combinations are available – Contact Factory

Right Open Straight Ball Valves - Flare, FNPT or Compression



90º ON/OFF TEE OPERATING HEAD

A.Y. McDonald Ball Curb Stops maintain a low turning torque and bubble-tight 300 PSIG water pressure rating due to the PTFE coated brass ball that is supported by two blow-out proof EPDM seals. The end piece joint is sealed with an EPDM O-ring and thread locker. McDonald Ball Curb Stops offer positive shut-off from either direction and are available with a wide variety of end connections.

76170
Flare x Flare



Size	Carton PCS/WT	Price
1 1/4" x 1" x 1 1/4"	5/29	$240.71
1 1/2"	3/25	$419.10
2"	2/28	$572.04

76170-22-55
-22 CTS x -55 IP



Size	Carton PCS/WT	Price
1"	10/37	$249.71

76170T
T CTS x T CTS



Size	Carton PCS/WT	Price
3/4"	15/30	$135.18
1"	10/32	$194.79
1 1/2"	3/18	$442.53
2"	2/17	$615.68

76170NE
NE Flare x NE Flare - New England



Size	Carton PCS/WT	Price
3/4"	15/36	$179.28
1"	10/39	$241.10

76170G
G CTS x G CTS



Size	Carton PCS/WT	Price
3/4"	15/32	$135.18
1"	10/34	$194.79
1 1/2"	3/19	$442.53
2"	2/19	$615.68

76171
FNPT x FNPT



Size	Carton PCS/WT	Price
3/4"	15/20	$108.71
1"	10/24	$159.68
1 1/4" x 1" x 1 1/4"	10/27	$197.26
1 1/2"	3/14	$309.45
2"	3/23	$444.86

76170-22
-22 CTS x -22 CTS



Size	Carton PCS/WT	Price
3/4"	15/30	$135.18
1"	10/31	$194.79
1 1/2"	3/20	$442.53
2"	2/21	$615.68

76170Q
Q CTS x Q CTS



Size	Carton PCS/WT	Price
3/4"	15/32	$135.18
1"	10/34	$194.79
1 1/2"	3/19	$442.53
2"	2/19	$615.68

- Additional end connection combinations are available – Contact Factory

Straight Ball Valves - Flare or Compression

90º ON/OFF TEE OPERATING HEAD - MINNEAPOLIS PATTERN BODY

A.Y. McDonald Ball Curb Stops maintain a low turning torque and bubble-tight 300 PSIG water pressure rating due to the PTFE coated brass ball that is supported by two blow-out proof EPDM seals. The end piece joint is sealed with an EPDM O-ring and thread locker. McDonald Ball Curb Stops offer positive shut-off from either direction and are available with a wide variety of end connections.

76104
Flare x Flare



Size	Carton PCS/WT	Price
3/4"	15/39	$130.71
1" x 3/4" x 3/4"	10/30	$141.35
1" x 3/4" x 1"	10/32	$151.28
1"	10/40	$176.40
1 1/4" x 1" x 1"	10/39	$235.55
1 1/4" x 1" x 1 1/4"	5/27	$257.20
1 1/4"	8/50	$294.34
1 1/2"	3/27	$414.52
2"	2/29	$670.63

76104-22
-22 CTS x -22 CTS



Size	Carton PCS/WT	Price
3/4"	15/33	$129.18
1" x 3/4" x 3/4"	10/25	$139.27
1" x 3/4" x 1"	10/27	$161.21
1"	10/31	$188.71
1 1/4" x 1" x 1"	10/41	$247.33
1 1/4" x 1" x 1 1/4"	8/36	$257.20
1 1/4"	8/42	$294.34
1 1/2"	3/21	$437.92
2"	2/20	$610.66

76104-22-33
-22 CTS x -33 PEP-7



Size	Carton PCS/WT	Price
3/4"	10/25	$151.25
1"	8/31	$223.17

76104-34
-22 CTS x -33 PEP-7



Size	Carton PCS/WT	Price
3/4"	10/28	$161.21
1"	8/35	$239.87
2"	2/24	$694.86

76104-22-44
-22 CTS x -44 PVC



Size	Carton PCS/WT	Price
3/4"	10/25	$151.25
1"	10/38	$223.17

76104G
G CTS x G CTS



Size	Carton PCS/WT	Price
3/4"	15/36	$129.24
1" x 3/4" x 3/4"	10/26	$139.27
1" x 3/4" x 1"	10/30	$161.21
1"	10/37	$188.71
1 1/4" x 1" x 1"	10/41	$247.33
1 1/4" x 1" x 1 1/4"	10/44	$257.20
1 1/4"	8/46	$294.34
1 1/2"	3/20	$437.92
2"	2/19	$610.66

76104Q
Q CTS x Q CTS



Size	Carton PCS/WT	Price
3/4"	15/36	$129.24
1" x 3/4" x 3/4"	10/26	$139.27
1" x 3/4" x 1"	10/30	$161.21
1"	10/35	$188.71
1 1/4" x 1" x 1"	10/41	$247.33
1 1/4" x 1" x 1 1/4"	10/44	$257.20
1 1/4"	8/43	$294.34
1 1/2"	3/20	$437.92
2"	2/18	$610.66

76104T
T CTS x T CTS



Size	Carton PCS/WT	Price
3/4"	15/35	$129.18
1" x 3/4" x 3/4"	10/32	$139.27
1" x 3/4" x 1"	10/34	$161.21
1"	10/35	$188.71
1 1/4" x 1" x 1"	10/43	$247.33
1 1/4" x 1" x 1 1/4"	8/37	$257.20
1 1/4"	8/42	$294.34
1 1/2"	3/20	$437.92
2"	2/18	$610.66

76104-33
-33 PEP-7 x -33 PEP-7



Size	Carton PCS/WT	Price
3/4"	10/28	$161.21
3/4" x 1" x 1"	10/38	$199.98
1"	8/35	$239.87
1 1/4"	8/53	$347.97
1 1/2" x 2" x 1 1/2"	2/26	$454.29
2"	2/24	$694.86

76104-33-44
-33 PEP-7 x -44 PVC



Size	Carton PCS/WT	Price
3/4"	10/28	$161.21
1"	8/42	$239.87

76104-3G
-3G PEP x -3G PEP



Size	Carton PCS/WT	Price
3/4"	10/31	$161.21
1"	8/35	$239.87

76104-3Q
-3Q PEP x -3Q PEP



Size	Carton PCS/WT	Price
3/4"	10/31	$161.21
1"	8/35	$239.87

76104-44
-44 PVC x -44 PVC



Size	Carton PCS/WT	Price
3/4"	10/28	$161.21
3/4" x 1" x 1"	10/50	$199.98
1"	8/36	$239.87
1 1/4"	3/19	$374.69
1 1/2"	3/23	$451.38
2"	2/26	$670.63

76104-55
-55 IP x -55 IP



Size	Carton PCS/WT	Price
3/4"	10/28	$158.29
3/4" x 1" x 1"	10/50	$211.26
1"	8/37	$237.55
1 1/2"	3/23	$451.38
2"	2/24	$637.77

- Additional end connection combinations are available – Contact Factory

Repair Straight Ball Valves - Flare or Compression

90º ON/OFF TEE OPERATING HEAD - MINNEAPOLIS PATTERN BODY

A.Y. McDonald Repair Ball Curb Stops supply additional lay length to allow them to make up the difference between a longer curb stop or longer space if a curb stop is cut out of an existing service line while maintaining a low turning torque and bubble-tight 300 PSIG water pressure rating due to the PTFE coated brass ball that is supported by two blow-out proof EPDM seals. The end piece joint is sealed with an EPDM O-ring and thread locker. McDonald Ball Curb Stops offer positive shut-off from either direction and are available with a wide variety of end connections.

76104REP-22

-22 CTS x -22 CTS

Size	Carton PCS/WT	Price
3/4" x 10.12"	8/25	$163.68
1" x 10.50"	8/35	$228.29

76104REPG

G CTS x G CTS

Size	Carton PCS/WT	Price
3/4" x 10.12"	8/25	$163.68
1" x 10.50"	8/35	$228.29

- Additional end connection combinations are available – Contact Factory

Straight Ball Valves - Flare, FNPT or Compression x FNPT

90º ON/OFF TEE OPERATING HEAD - MINNEAPOLIS PATTERN BODY

A.Y. McDonald Ball Curb Stops maintain a low turning torque and bubble-tight 300 PSIG water pressure rating due to the PTFE coated brass ball that is supported by two blow-out proof EPDM seals. The end piece joint is sealed with an EPDM O-ring and thread locker. McDonald Ball Curb Stops offer positive shut-off from either direction and are available with a wide variety of end connections.

76105
FNPT x FNPT



Size	Carton PCS/WT	Price
3/4"	15/23	$102.82
1"	10/25	$153.70
1 1/4" x 1" x 1 1/4"	10/31	$209.74
1 1/4"	8/31	$245.32
1 1/2"	3/14	$304.95
2"	3/20	$440.28

76106
Flare x FNPT



Size	Carton PCS/WT	Price
3/4"	15/31	$119.50
1"	10/32	$164.28
1 1/4" x 1" x 1"	10/40	$220.83
1 1/4"	8/41	$269.88
1 1/2"	3/23	$359.82
2"	3/33	$522.49

76106-22
-22 CTS x FNPT



Size	Carton PCS/WT	Price
3/4"	15/29	$114.68
1"	10/28	$170.35
1" x 1" x 1 1/4"	10/50	$250.29
1 1/4" x 1" x 1"	10/32	$220.83
1 1/4"	8/36	$269.88
1 1/2"	3/19	$359.82
2"	3/26	$495.47

76106G
G CTS x FNPT



Size	Carton PCS/WT	Price
3/4"	15/29	$114.68
1"	10/34	$170.35
1" x 1" x 1 1/4"	10/50	$250.29
1 1/4" x 1" x 1"	10/32	$220.83
1 1/4"	8/36	$269.88
1 1/2"	3/19	$359.82
2"	3/26	$495.47

76106Q
Q CTS x FNPT



Size	Carton PCS/WT	Price
3/4"	15/29	$114.68
1"	10/30	$170.35
1" x 1" x 1 1/4"	10/50	$250.29
1 1/4" x 1" x 1"	10/34	$220.83
1 1/4"	8/36	$269.88
1 1/2"	3/17	$359.82
2"	3/26	$495.47

76106T
T CTS x FNPT



Size	Carton PCS/WT	Price
3/4"	15/36	$114.68
1"	10/29	$170.35
1" x 1" x 1 1/4"	10/41	$250.29
1 1/4" x 1" x 1"	10/32	$220.83
1 1/4"	8/36	$269.88
1 1/2"	5/28	$359.82
2"	3/27	$495.47

76106-33
-33 PEP-7 x FNPT



Size	Carton PCS/WT	Price
3/4"	10/22	$132.74
3/4" x 3/4" x 1"	15/53	$146.07
1"	10/33	$183.97
1 1/4"	8/41	$300.00
1 1/2"	3/20	$390.58
2"	3/30	$591.16

76106-34
-34 PEP-7 x FNPT



Size	Carton PCS/WT	Price
3/4"	10/22	$132.74
3/4" x 3/4" x 1"	15/53	$146.07
1"	10/33	$183.97
1 1/4"	8/41	$300.00
1 1/2"	3/20	$390.58
2"	3/30	$591.16

76106-3G
-3G PEP x FNPT



Size	Carton PCS/WT	Price
3/4"	10/24	$132.74
1"	10/33	$183.97

76106-3Q
-3Q PEP x FNPT



Size	Carton PCS/WT	Price
3/4"	10/24	$132.74
1"	10/33	$183.97

76106-44
-44 PVC x FNPT



Size	Carton PCS/WT	Price
3/4"	10/22	$132.74
3/4" x 3/4" x 1"	15/53	$146.07
1"	10/32	$183.97
1 1/4"	3/16	$299.93
1 1/2"	3/19	$378.05
2"	3/30	$522.49

76106-55
-55 IP x FNPT



Size	Carton PCS/WT	Price
3/4"	10/21	$130.69
3/4" x 3/4" x 1"	15/53	$157.67
1"	10/34	$182.27
1 1/2"	3/19	$378.05
2"	3/34	$562.72

- Additional end connection combinations are available – Contact Factory

Repair Straight Ball Valves - Flare, FNPT or Compression x FNPT

90º ON/OFF TEE OPERATING HEAD - MINNEAPOLIS PATTERN BODY

A.Y. McDonald Repair Ball Curb Stops supply additional lay length to allow them to make up the difference between a longer curb stop or longer space if a curb stop is cut out of an existing service line while maintaining a low turning torque and bubble-tight 300 PSIG water pressure rating due to the PTFE coated brass ball that is supported by two blow-out proof EPDM seals. The end piece joint is sealed with an EPDM O-ring and thread locker. McDonald Ball Curb Stops offer positive shut-off from either direction and are available with a wide variety of end connections.

76106REPQ
FNPT x Q CTS



Size	Carton PCS/WT	Price
3/4" x 9.25	10/28	$136.77
1" x 10.25	10/42	$209.94

- Additional end connection combinations are available – Contact Factory

Straight Ball Valves - Flare, FNPT, MNPT or Compression

90º ON/OFF TEE OPERATING HEAD - MINNEAPOLIS PATTERN BODY

A.Y. McDonald Ball Curb Stops maintain a low turning torque and bubble-tight 300 PSIG water pressure rating due to the PTFE coated brass ball that is supported by two blow-out proof EPDM seals. The end piece joint is sealed with an EPDM O-ring and thread locker. McDonald Ball Curb Stops offer positive shut-off from either direction and are available with a wide variety of end connections.

76108-22
-22 CTS x Flare



Size	Carton PCS/WT	Price
3/4"	15/37	$140.77
1"	10/37	$182.72
1 1/2"	3/25	$418.36
2"	2/24	$581.52

76108-33
-33 PEP-7 x Flare



Size	Carton PCS/WT	Price
3/4"	15/37	$150.62
1"	10/37	$195.51
1 1/2"	3/29	$445.65
2"	2/24	$622.23

76109
FNPT x MNPT



Size	Carton PCS/WT	Price
3/4"	15/30	$105.64
1"	10/25	$156.74
1 1/2"	3/17	$349.86
2"	2/22	$519.91

76108Q
Q CTS x Flare



Size	Carton PCS/WT	Price
3/4"	15/37	$140.77
1"	10/37	$182.72
1 1/2"	3/25	$418.36
2"	2/24	$581.52

76108-44
-44 PEP-7 x Flare



Size	Carton PCS/WT	Price
3/4"	15/37	$150.62
1"	10/37	$195.51
1 1/2"	3/29	$445.65
2"	2/24	$622.23

76108T
T CTS x Flare

Size	Carton PCS/WT	Price
3/4"	15/37	$140.77
1"	10/37	$182.72
1 1/2"	3/25	$418.36
2"	2/24	$581.52

76108-55
-55 PEP-7 x Flare



Size	Carton PCS/WT	Price
3/4"	15/37	$150.62
1"	10/37	$195.51
1 1/2"	3/29	$445.65
2"	2/24	$622.23

76108G
G CTS x Flare

Size	Carton PCS/WT	Price
3/4"	15/37	$140.77
1"	10/37	$182.72
1 1/2"	3/25	$418.36
2"	2/24	$581.52

- Additional end connection combinations are available – Contact Factory

Full Port Angle Ball Valves - Flare, FNPT, MNPT or Compression

90° ON/OFF TEE OPERATING HEAD WITH LOCKWING

A.Y. McDonald Ball Curb Stops maintain a low turning torque and bubble-tight 300 PSIG water pressure rating due to the PTFE coated brass ball that is supported by two blow-out proof EPDM seals. The end piece joint is sealed with an EPDM O-ring and thread locker. McDonald Ball Curb Stops offer positive shut-off from either direction and are available with a wide variety of end connections.

74600B
Flare x Flare



Size	Carton PCS/WT	Price
3/4"	10/23	$129.97
1"	10/43	$195.18

74600B-22
-22 CTS x -22 CTS



Size	Carton PCS/WT	Price
3/4"	10/20	$148.08
1"	10/32	$206.29

74600BT
T CTS x T CTS



Size	Carton PCS/WT	Price
3/4"	10/21	$148.08
1"	10/37	$206.29

74604BF
FNPT x FNPT



Size	Carton PCS/WT	Price
3/4"	15/22	$113.13
1"	10/25	$167.86
2"	4/32	$454.33

74606BG
G CTS x FNPT



Size	Carton PCS/WT	Price
3/4"	10/18	$125.60
1"	10/29	$185.98
2"	2/20	$503.23

74606B-44
-44 PVC x FNPT



Size	Carton PCS/WT	Price
2"	4/40	$638.55

74606B
Flare x FNPT



Size	Carton PCS/WT	Price
3/4"	10/17	$121.71
1"	10/30	$181.36

74606BQ
Q CTS x FNPT



Size	Carton PCS/WT	Price
3/4"	10/16	$125.60
1"	10/29	$185.98
2"	2/17	$503.23

74606BP-22
-22 CTS x MNPT



Size	Carton PCS/WT	Price
3/4"	10/17	$129.09

74606B-22
-22 CTS x FNPT



Size	Carton PCS/WT	Price
3/4"	10/17	$125.60
1"	10/27	$185.98
1 1/2" x 1" x 1"	10/40	$276.16
2"	2/18	$503.23

74606BT
T CTS x FNPT



Size	Carton PCS/WT	Price
3/4"	10/16	$125.60
1"	10/24	$185.98
2"	2/17	$503.23

74608B
FNPT x Flare



Size	Carton PCS/WT	Price
3/4"	10/19	$121.71
1"	10/37	$180.59

74608B-22
FNPT x -22 CTS



Size	Carton PCS/WT	Price
3/4"	15/26	$117.45
1"	10/30	$190.86

74608BT
FNPT x T CTS



Size	Carton PCS/WT	Price
3/4"	15/29	$117.45
1"	10/31	$190.86

- Additional end connection combinations are available – Contact Factory

Reduced/Standard Port Angle Ball Valves - Flare or Compression

90° ON/OFF TEE OPERATING HEAD WITH LOCKWING

A.Y. McDonald Ball Curb Stops maintain a low turning torque and bubble-tight 300 PSIG water pressure rating due to the PTFE coated brass ball that is supported by two blow-out proof EPDM seals. The end piece joint is sealed with an EPDM O-ring and thread locker. McDonald Ball Curb Stops offer positive shut-off from either direction and are available with a wide variety of end connections.

74640B
Flare x Flare



Size	Carton PCS/WT	Price
3/4"	20/42	$77.82
1" x 3/4"	20/43	$153.38
1"	10/30	$158.24

74640BG
G CTS x G CTS



Size	Carton PCS/WT	Price
3/4"	20/35	$98.48
1"	10/26	$168.06

74640BT
T CTS x T CTS



Size	Carton PCS/WT	Price
3/4"	20/42	$98.48
1" x 3/4"	20/43	$159.68
1"	10/27	$168.06

74640B-22
-22 CTS x -22 CTS



Size	Carton PCS/WT	Price
3/4"	20/35	$98.48
1" x 3/4"	20/42	$159.68
1"	10/26	$168.06

74640BQ
Q CTS x Q CTS



Size	Carton PCS/WT	Price
3/4"	20/39	$98.48
1"	10/28	$168.06

- Additional end connection combinations are available – Contact Factory

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74644BF
FNPT x FNPT



Size	Carton PCS/WT	Price
3/4"	20/25	$63.61
1"	10/18	$123.32
1 1/4"	10/33	$195.94

74646BQ
Q CTS x FNPT

Size	Carton PCS/WT	Price
3/4"	20/32	$76.04
1"	10/22	$130.88

74646B-55
-55 IP x FNPT



Size	Carton PCS/WT	Price
3/4"	20/33	$130.88

74646B
Flare x FNPT



Size	Carton PCS/WT	Price
3/4"	20/33	$72.06
3/4" x 1/2"	20/32	$72.06
1" x 3/4"	20/39	$95.75
1"	10/23	$141.78

74646BT
T CTS x FNPT



Size	Carton PCS/WT	Price
3/4"	20/31	$76.04
1" x 3/4"	20/35	$99.74
1"	10/22	$130.88

74648B
FNPT x Flare



Size	Carton PCS/WT	Price
3/4"	20/39	$66.66
1"	10/33	$136.85

74646B-22
-22 CTS x FNPT



Size	Carton PCS/WT	Price
3/4"	20/30	$76.04
1" x 3/4"	20/35	$99.74
1"	10/20	$130.88

74646B-33
-33 PEP-7 x FNPT



Size	Carton PCS/WT	Price
3/4"	20/36	$130.88

74648B-22
FNPT x -22 CTS



Size	Carton PCS/WT	Price
3/4"	20/32	$76.04
1"	10/23	$175.15

74646BG
G CTS x FNPT



Size	Carton PCS/WT	Price
3/4"	20/34	$76.04
1"	10/20	$130.88

74646B-44
-44 PVC x FNPT



Size	Carton PCS/WT	Price
3/4"	20/35	$130.88

74648BT
FNPT x T CTS



Size	Carton PCS/WT	Price
3/4"	20/36	$76.04
1"	10/24	$175.15

Full Port Angle and Straight Tapered Plug Valves - Flare, FNPT or Compression

90º ON/OFF TEE OPERATING HEAD

A.Y. McDonald Tapered Plug Curb Stops maintain a low turning torque and bubble-tight 100 PSIG water pressure rating due to the precision machined taper and grease seal that is topped with an O-ring to prevent leakage to atmosphere. The one piece body design provides additional strength. McDonald Tapered Pug Curb Stops offer positive shut-off from either direction and are available with a wide variety of end connections.

74604F

FNPT x FNPT



Size	Carton PCS/WT	Price
3/4"	25/29	$48.66

74606

Flare x FNPT

Size	Carton PCS/WT	Price
3/4"	25/38	$59.89
1"	20/51	$95.41

74606-22

-22 CTS x FNPT



Size	Carton PCS/WT	Price
3/4"	25/33	$65.49
1"	10/23	$110.43

74606G

G CTS x FNPT

Size	Carton PCS/WT	Price
3/4"	25/23	$65.49
1"	10/23	$110.43

74606Q

Q CTS x FNPT

Size	Carton PCS/WT	Price
3/4"	25/33	$65.49
1"	10/23	$110.43

74606T

T CTS x FNPT

Size	Carton PCS/WT	Price
3/4"	25/33	$65.49
1"	10/23	$110.43

79711W

FNPT x FNPT x FNPT - Square Head



Size	Carton PCS/WT	Price
1/2"	25/21	$75.97
3/4"	12/20	$116.90
1"	10/27	$155.12
1 1/2"	6/30	$281.50
2"	3/25	$390.80

79802W

FNPT x FNPT - Square Head



Size	Carton PCS/WT	Price
1/2"	50/33	$68.41
3/4"	50/52	$71.85
1"	25/43	$102.87
1 1/4"	15/38	$160.08
1 1/2"	10/33	$212.50
2"	5/36	$330.00
2 1/2"	3/33	$685.14

- All plug valves are directional and operate 180º open/close.

- Additional end connection combinations are available – Contact Factory



















THE CUSTOMER IS THE BOSS

EST. 1856

McDonald

Curb Boxes

Water Works Catalog / Price List - April 2019

MORE THAN A BRAND. **WE'RE A FAMILY.**

Small Arch Pattern Base

FOR USE WITH AY MCDONALD 3/4" AND 1" CURB STOPS

5601

- 1" I.D. Upper Section
- Includes 5660 stationary rod
- **5601L - Two hole Erie Lid**

5601L



5607

- 1" I.D. Upper Section
- Includes 5660 stationary rod
- **5607L Lid - with 1" brass pentagon plug**

5607L



5601
1" Upper with Rod

Size	Pallet PCS/WT	Price
2 1/2	100/1100	$52.88
3	100/1200	$55.50
3 1/2	100/1300	$59.04
4	100/1400	$62.53
4 1/2	100/1500	$65.28
5	100/1600	$68.15
5 1/2	100/1700	$70.84
6	100/2000	$75.21
6 1/2	100/1900	$78.11
7	100/2000	$80.80
7 1/2	100/2200	$85.36
8	100/2200	$88.39
8 1/2	100/2280	$92.95
9	100/2350	$97.53

5601LR
1" Upper L/Rod

Size	Pallet PCS/WT	Price
2 1/2	100/900	$43.01
3	100/1025	$44.86
3 1/2	100/1075	$47.29
4	100/1135	$49.25
4 1/2	100/1220	$51.11
5	100/1280	$53.04
5 1/2	100/1355	$54.74
6	100/1400	$57.94
6 1/2	100/1500	$58.99
7	100/1570	$61.02
7 1/2	100/1600	$64.47
8	100/1690	$66.49
8 1/2	100/1795	$69.97
9	100/1858	$73.44
9 1/2	100/2005	$75.46

5601A - American Made
1" Upper with Rod

Size	Pallet PCS/WT	Price
2 1/2	100/1100	$56.59
3	100/1200	$59.37
3 1/2	100/1300	$63.16
4	100/1400	$66.90
4 1/2	100/1500	$69.85
5	100/1600	$72.92
5 1/2	100/1700	$75.81
6	100/1800	$80.47
6 1/2	100/1900	$83.58
7	100/2000	$86.46
7 1/2	100/2100	$91.34
8	100/2200	$94.58
8 1/2	100/2300	$99.46

5601ALR - American Made
1" Upper L/Rod

Size	Pallet PCS/WT	Price
2 1/2	100/995	$46.02
3	100/1070	$48.34
3 1/2	100/1139	$50.61
4	100/1215	$52.69
4 1/2	100/1280	$54.67
5	100/1355	$56.75
5 1/2	100/1425	$58.56
6	100/1500	$61.99
6 1/2	100/1564	$63.12
7	100/1625	$65.29
7 1/2	100/1695	$68.98
8	100/1790	$71.15
8 1/2	100/1880	$74.86

5607
1" Upper with Rod

Size	Pallet PCS/WT	Price
2 1/2	100/1000	$59.07
3	100/1300	$63.60
3 1/2	100/1400	$67.19
4	100/1500	$70.60
4 1/2	100/1600	$73.43
5	100/1700	$76.30
5 1/2	100/1800	$79.05
6	100/1900	$83.32
6 1/2	100/2000	$86.27
7	100/2100	$88.92
7 1/2	100/2200	$89.86
8	100/2300	$96.53

5607LR
1" Upper L/Rod

Size	Pallet PCS/WT	Price
2 1/2	100/987	$49.22
3	100/1125	$52.96
3 1/2	100/1125	$55.45
4	100/1205	$57.33
4 1/2	100/1275	$59.25
5	100/1325	$61.14
5 1/2	100/1400	$62.96
6	100/1480	$65.99
6 1/2	100/1475	$67.17
7	100/1640	$69.16
7 1/2	100/1685	$71.49
8	100/1750	$74.59
8 1/2	100/1842	$76.90

5607A - American Made
1" Upper with Rod

Size	Pallet PCS/WT	Price
2 1/2	100/1000	$60.25
3	100/1300	$64.88
3 1/2	100/1400	$68.52
4	100/1500	$72.00
4 1/2	100/1600	$74.90
5	100/1700	$77.83
5 1/2	100/1800	$80.61
6	100/1900	$85.00
6 1/2	100/2000	$87.98
7	100/2100	$90.70
7 1/2	100/2200	$91.64
8	100/2300	$98.46

5607ALR - American Made
1" Upper L/Rod

Size	Pallet PCS/WT	Price
2 1/2	100/987	$50.21
3	100/1122	$54.02
3 1/2	100/1195	$56.57
4	100/1265	$58.48
4 1/2	100/1340	$60.43
5	100/1395	$62.38
5 1/2	100/1485	$64.22
6	100/1565	$67.31
6 1/2	100/1628	$68.50
7	100/1725	$70.72
7 1/2	100/1750	$72.92
8	100/1840	$76.08



NOTES

- Order by model number and maximum extended lengths from 2 1/2' thru 10' (in 6" increments). Example: 5601 8 1/2'
- When rods are furnished with Curb Boxes, they are 18" shorter than maximum extended length of Curb Box.
- All Curb Boxes telescope one foot. Lengths shown are at maximum extension:
  Example: A 5' Curb Box can be used at depths ranging from 4' to 5'.
- **Shut Off Rods and Available Lid Options, see Curb Boxes accessories.**

Small Arch Pattern Base

FOR USE WITH AY MCDONALD 3/4" AND 1" CURB STOPS

5604

- 1 1/4" I.D. Upper Section
- Shut-off rod available
- **5614L Lid - with 1 1/4" brass pentagon plug**

5614L



5605

- 1 1/2" I.D. Upper Section
- Shut-off rod available
- **5623L Lid - with 1 1/2" brass pentagon plug**

5623L



5604

1 1/4" Upper L/Rod

Size	Pallet PCS/WT	Price
2 1/2	100/1145	$52.72
3	100/1205	$52.72
3 1/2	100/1320	$55.05
4	100/1418	$57.33
4 1/2	100/1500	$59.75
5	100/1600	$62.21
5 1/2	100/1685	$64.69
6	100/1790	$67.49
6 1/2	100/1862	$70.25
7	100/1945	$72.68
7 1/2	100/2060	$75.81
8	100/2850	$78.32
10	50/1200	$97.91

5605

1 1/2" Upper L/Rod

Size	Pallet PCS/WT	Price
2 1/2	100/1300	$64.24
3	100/1400	$67.44
3 1/2	100/1445	$70.69
4	100/1540	$72.94
4 1/2	100/1620	$75.73
5	100/1730	$79.18
5 1/2	100/1855	$81.10
6	100/2000	$83.89
6 1/2	100/2100	$87.22
7	100/2200	$90.75
7 1/2	50/1150	$94.26
8	50/1200	$97.04

5605C

For 5605 with Cast Iron Plug
Deduct $6.13 from 5605 and add "C" to model number



NOTES

- Order by model number and maximum extended lengths from 2 1/2' thru 10' (in 6" increments). Example: 5604 8 1/2'
- When rods are furnished with Curb Boxes, they are 18" shorter than maximum extended length of Curb Box.
- All Curb Boxes telescope one foot. Lengths shown are at maximum extension:
  Example: A 5' Curb Box can be used at depths ranging from 4' to 5'.
- **Shut Off Rods and Available Lid Options, see Curb Boxes accessories.**

Large Arch Pattern Base

FOR USE WITH AY MCDONALD 1 1/4", 1 1/2" AND 2" CURB STOPS

5603

- 1" I.D. Upper Section
- Includes 5674 stationary rod
- **5601L - Two hole Erie Lid**



5601L

5600

- 1 1/4" I.D. Upper Section
- Shut-off rod available
- **5614L Lid - with 1 1/4" brass pentagon plug**



5614L

5603
1" Upper with Rod

Size	Pallet PCS/WT	Price
2 1/2	50/850	$84.20
3	50/900	$87.38
3 1/2	50/950	$90.91
4	50/1000	$96.59
4 1/2	50/1050	$99.90
5	50/1100	$101.41
5 1/2	50/1150	$104.69
6	50/1200	$108.36
6 1/2	50/1250	$112.32
7	50/1300	$115.35
7 1/2	50/1350	$119.32
8	50/1400	$123.07
10	50/1611	$153.84

5603LR
1" Upper L/Rod

Size	Pallet PCS/WT	Price
2 1/2	50/781	$74.32
3	50/806	$76.74
3 1/2	50/831	$79.18
4	50/856	$83.31
4 1/2	50/881	$85.72
5	50/906	$86.30
5 1/2	50/1000	$88.61
6	50/1018	$91.10
6 1/2	50/981	$93.20
7	50/1006	$95.57
7 1/2	50/1031	$98.44
8	50/1056	$101.18
10	50/1217	$126.49

5600
1 1/4" Upper L/Rod

Size	Pallet PCS/WT	Price
3	100/1618	$74.26
3 1/2	100/1710	$76.72
4	100/1790	$79.18
4 1/2	100/1890	$83.31
5	100/1985	$85.72
5 1/2	100/2072	$86.30
6	100/2140	$88.61
6 1/2	100/2200	$91.10
7	100/2335	$93.20
7 1/2	100/2460	$95.57
8	100/2550	$98.44



5602

- 1" I.D. Upper Section
- Includes 5674 stationary rod
- **5607L Lid - with 1" brass pentagon plug**
- For use with A.Y. McDonald 1 1/4", 1 1/2" and 2" curb stops



5607 Lid

5602
1" Upper with Rod

Size	Pallet PCS/WT	Price
2 1/2	50/888	$84.20
3	50/938	$87.38
3 1/2	50/988	$90.91
4	50/1038	$96.59
4 1/2	50/1088	$99.90
5	50/1138	$101.41
5 1/2	50/1188	$104.69
6	50/1238	$108.36
6 1/2	50/1288	$112.32
7	50/1378	$115.35
7 1/2	50/1388	$119.32
8	50/1438	$123.07

5602LR
1" Upper L/Rod

Size	Pallet PCS/WT	Price
2 1/2	50/813	$74.32
3	50/850	$76.74
3 1/2	50/870	$79.18
4	50/910	$83.31
4 1/2	50/945	$85.72
5	50/988	$86.30
5 1/2	50/1030	$88.61
6	50/1060	$91.10
6 1/2	50/1095	$93.20
7	50/1120	$95.57
7 1/2	50/1175	$98.44
8	50/1193	$101.18

5606

- 2" I.D. Upper Section
- Shut-off rod available
- **5624L Lid - with 2" brass pentagon plug**
- For use with A.Y. McDonald 1 1/4", 1 1/2" and 2" curb stops



5624L

5606
2" Upper L/Rod

Size	Pallet PCS/WT	Price
2 1/2	50/1010	$101.33
3	50/1093	$104.87
3 1/2	50/919	$108.32
4	50/1254	$111.81
4 1/2	50/1300	$114.97
5	50/1350	$121.34
5 1/2	50/1301	$124.89
6	50/1500	$128.63
6 1/2	50/1501	$131.55
7	50/1602	$140.69
7 1/2	25/851	$146.84
8	25/901	$149.75
10	25/1025	$187.19

NOTES

- Order by model number and maximum extended lengths from 2 1/2' thru 10' (in 6" increments). Example: 5603 8 1/2'
- When rods are furnished with Curb Boxes, they are 18" shorter than maximum extended length of Curb Box.
- All Curb Boxes telescope one foot. Lengths shown are at maximum extension:
  Example: A 5' Curb Box can be used at depths ranging from 4' to 5'.
- **Shut Off Rods and Available Lid Options, see Curb Boxes accessories.**

5700 Series

ARCH BASE

Screw (Buffalo) style design | Cast iron construction | Includes "WATER" lid - Black dip coated Brass pentagon locking bolt lid | Rod sold separately

To order 2 1/2" Service Boxes: Model No. **5700S 27 x 39** means:

5700	S	27	X	39

Series
5700 - Screw Type

Parts and Options
B = Bottom Section
L = Lid only-Water
LG = Lid only-Gas
LS = Lid only-Sewer
SE = Extension
T = Top Section (water)

Minimum X Maximum Extension
27 X 39
34 X 49
34 X 53
41 X 60
41 X 66
64 X 76
70 X 82

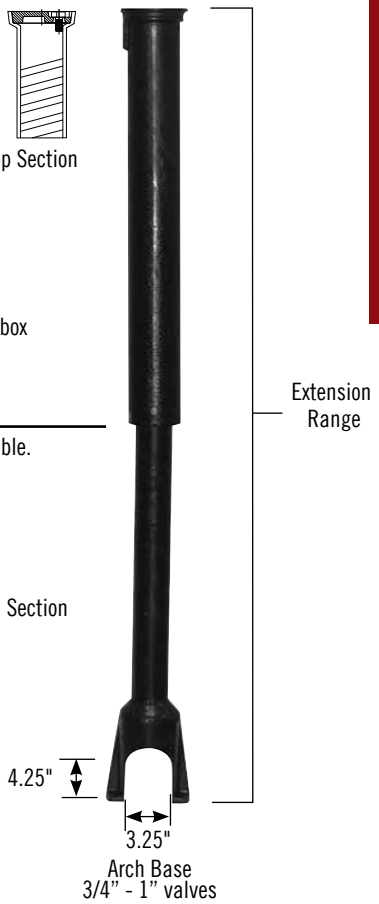
-OR-
Component length
Example: 5700T 24

EXAMPLE:
Model No. 5700S 27 x 39
- Screw type 2 1/2" service box
- Sewer lid
- 24" minimum extension
- 39" maximum extension

- Not all combinations available. Contact factory.

Screw Type

Top Section



MODEL	EXTENSION RANGE	TOP	BOTTOM SECTION	EXTENSION
5700 27 x 39	27" to 39"	5700T 20"	5700B 23"	NONE
5700 34 x 49	34" to 49"	5700T 20"	5700B 33"	NONE
5700 34 x 53	34" to 53"	5700T 24"	5700B 33"	NONE
5700 41 x 60	41" to 60"	5700T 24"	5700B 40"	NONE
5700 41 x 66	41" to 66"	5700T 30"	5700B 40"	NONE
5700 64 x 76	64" to 76"	5700T 24"	5700B 40"	5700SE 16"
5700 70 x 82	70" to 82"	5700T 30"	5700B 40"	5700SE 16"

5700
2 1/2" Service Box with Screw

Size	PCS/WT	Price	Ref.
27 x 39	40/1124	$75.74	92D
34 x 49	40/1268	$107.75	93D
34 x 53	40/1360	$111.79	93E
41 x 60	40/1600	$123.09	94E
41 x 66	40/1799	$136.16	95E
64 x 76	40/1844	$153.24	100E
70 x 82	40/2156	$166.62	100F

5700SE
Extensions - Screw Style

Size	PCS/WT	Price
9	40/292	$28.39
16	40/433	$32.20
28	40/680	$44.39
30	40/760	$48.44



See page 165 for rods

5700L
Lid for Screw Top - Water

Size	Carton PCS/WT	Price
	1/2	$7.50



For Gas lid add "G" to model number (i.e. 5700G 24 x 39) Add $ 3.54
For Sewer lid add "S" to model number (i.e. 5700S 24 x 39) Add $ 2.98

5700T
Top Section - Screw Style

Size	PCS/WT	Price
20	40/574	$41.62
24	40/682	$47.35
30	40/880	$54.85

5700RING
Shut-Off Rod - Centering Ring

Size	PCS/WT	Price
	10/6	$10.32



5700RLNEW
2 1/2" Service Box Repair Lid - New Style

Size	Carton PCS/WT	Price
	1/3	$41.45



5700RLOLD
2 1/2" Service Box Repair Lid - Old Style

Size	Carton PCS/WT	Price
	1/3	$41.45



5700B
Bottom Section - Screw Style

Size	PCS/WT	Price
23	40/520	$34.11
33	40/712	$47.35
40	40/862	$54.85

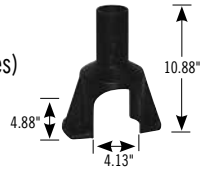
5700AB
Pentagon Bolt (Sold Separately)

Size	PCS/WT	Price
	1/1	$5.73



5700EBASE
Enlarged Base (1 1/4" - 2" valves)

Size	Carton PCS/WT	Price
	1/11	$30.29



Minneapolis Pattern Base

BASE TAPPED 1 1/2"

5610

- 1" I.D. Upper Section
- Includes 5660 stationary rod
- **5607L - with 1" brass pentagon plug**
- For use with A.Y. McDonald 3/4" inverted plug style curb stops or 3/4", 1" ball style curb stops



5607L

5610

1" Upper with Rod

Size	Pallet PCS/WT	Price
2 1/2	100/1100	$65.35
3	100/1200	$66.92
3 1/2	100/1300	$69.77
4	100/1400	$72.52
4 1/2	100/1500	$73.48
5	100/1600	$75.02
5 1/2	100/1700	$78.10
6	100/1800	$82.57
6 1/2	100/1900	$85.54
7	100/2000	$89.09
7 1/2	100/2100	$92.68
8	100/2200	$95.88

5610LR

1" Upper L/Rod

Size	Pallet PCS/WT	Price
2 1/2	100/950	$55.46
3	100/1025	$56.28
3 1/2	100/1075	$58.04
4	100/1125	$59.25
4 1/2	100/1175	$59.29
5	100/1225	$59.91
5 1/2	100/1386	$61.99
6	100/1325	$65.30
6 1/2	100/1375	$66.40
7	100/1610	$69.32
7 1/2	100/1475	$71.79
8	100/1740	$73.99

5612

- 1" I.D. Upper Section
- Includes 5660 stationary rod
- **5601L - Two hole Erie Lid**
- For use with A.Y. McDonald 3/4" inverted plug style curb stops or 3/4", 1" ball style curb stops



5601L

5612

1" Upper with Rod

Size	Pallet PCS/WT	Price
2 1/2	100/1100	$56.55
3	100/1200	$59.78
3 1/2	100/1300	$62.23
4	100/1400	$64.47
4 1/2	100/1500	$65.35
5	100/1600	$66.92
5 1/2	100/1700	$69.59
6	100/1800	$73.90
6 1/2	100/1900	$77.39
7	100/2000	$81.03
7 1/2	100/2100	$84.78
8	100/2200	$88.68

5612LR

1" Upper L/Rod

Size	Pallet PCS/WT	Price
2 1/2	100/975	$46.68
3	100/1025	$49.14
3 1/2	100/1075	$52.12
4	100/1125	$51.20
4 1/2	100/1175	$51.16
5	100/1225	$51.79
5 1/2	100/1330	$53.50
6	100/1325	$56.62
6 1/2	100/1375	$58.27
7	100/1425	$61.24
7 1/2	100/1475	$63.91
8	100/1685	$66.80



NOTES

- Order by model number and maximum extended lengths from 2 1/2' thru 10' (in 6" increments). Example: 5614 8 1/2'
- When rods are furnished with Curb Boxes, they are 18" shorter than maximum extended length of Curb Box.
- All Curb Boxes telescope one foot. Lengths shown are at maximum extension:
  Example: A 5' Curb Box can be used at depths ranging from 4' to 5'.
- **Shut Off Rods and Available Lid Options, see Curb Boxes accessories.**

Minneapolis Pattern Base

BASE TAPPED 1 1/2”

5614



5614L

- 1 1/4” I.D. Upper Section
- Shut-off rod available
- **5614L - with 1 1/4” brass pentagon plug**
- For use with inverted plug type curb stops 3/4”
- For use with ball valve curb stops 3/4’, 1”

5614
1 1/4” Upper L/Rod

Size	Pallet PCS/WT	Price
2 1/2	100/1100	$49.71
3	100/1200	$51.84
3 1/2	100/1300	$54.09
4	100/1455	$56.34
4 1/2	100/1500	$58.61
5	100/1635	$61.36
5 1/2	100/1750	$63.78
6	100/1845	$65.99
6 1/2	100/1900	$68.85
7	100/1975	$71.15
7 1/2	100/2085	$74.44
8	100/2205	$77.07
8 1/2	50/1145	$81.89
9	50/1180	$86.71
9 1/2	50/1235	$91.52
10	50/1283	$96.35

5614A - American Made
1 1/4” Upper L/Rod

Size	Pallet PCS/WT	Price
2 1/2	100/1165	$55.16
3	100/1200	$57.54
3 1/2	100/1380	$60.03
4	100/1385	$62.53
4 1/2	100/1535	$65.06
5	100/1655	$68.11
5 1/2	100/1735	$70.81
6	100/1818	$73.25
6 1/2	100/1935	$76.43
7	100/1995	$78.97
7 1/2	100/2070	$82.62
8	100/2180	$85.55
8 1/2	50/1173	$90.90
9	50/1205	$96.25
9 1/2	50/1235	$101.60
10	50/1300	$106.94

5622



5623L

- 1 1/2” I.D. Upper Section
- Shut-off rod available
- **5623L - with 1 1/2” brass pentagon plug**
- For use with inverted plug type curb stops 3/4”
- For use with ball valve curb stops 3/4”, 1”
- Base casting includes 5622BUSH 2” x 1 1/2” Bushing 2” MNPT x 1 1/2” FNPT



5622
1 1/2” Upper L/Rod - Tap 2” with 2” x 1 1/2” Bushing

Size	Pallet PCS/WT	Price
2 1/2	100/1900	$79.38
3	100/1830	$82.06
3 1/2	100/1915	$84.73
4	100/2055	$87.58
4 1/2	100/2200	$89.80
5	100/2220	$92.77
5 1/2	100/2350	$95.06
6	100/2460	$97.32
6 1/2	100/2580	$100.17
7	100/2800	$104.30
7 1/2	50/1450	$108.45
8	50/1403	$110.56
8 1/2	50/1465	$117.48
9	50/1500	$124.37
9 1/2	50/1651	$131.28
10	50/1648	$138.19

5622A - American Made
1 1/2” Upper L/Rod - Tap 2” with 2” x 1 1/2” Bushing

Size	Pallet PCS/WT	Price
2 1/2	100/1900	$75.86
3	100/1830	$80.54
3 1/2	100/1915	$85.22
4	100/2014	$89.90
4 1/2	100/2200	$95.18
5	100/2220	$100.06
5 1/2	100/2350	$104.85
6	100/2445	$109.57
6 1/2	100/2628	$114.43
7	100/2800	$119.45
7 1/2	50/1450	$124.33
8	50/1465	$128.98
8 1/2	50/1465	$133.63
9	50/1569	$138.75

5622C
For 5622 with cast iron plug in lid
Deduct $6.13 from 5622 and add “C” to model number



NOTES

- Order by model number and maximum extended lengths from 2 1/2’ thru 10’ (in 6” increments). Example: 5614 8 1/2’
- When rods are furnished with Curb Boxes, they are 18" shorter than maximum extended length of Curb Box.
- All Curb Boxes telescope one foot. Lengths shown are at maximum extension:
  Example: A 5' Curb Box can be used at depths ranging from 4' to 5'.
- **Shut Off Rods and Available Lid Options, see Curb Boxes accessories.**

Minneapolis Pattern Base

BASE TAPPED 2"

5611

- 1" I.D. Upper Section
- Includes 5660 stationary rod
- **5607L - with 1" brass pentagon plug**
- For use with A.Y. McDonald inverted plug type curb stops 1"
- For use with A.Y. McDonald ball valve curb stops 1 1/2", 2" (ball size)

5607L



5613

- 1" I.D. Upper Section
- Includes 5660 stationary rod
- **5601L - Two hole Erie Lid**
- For use with A.Y. McDonald inverted plug type curb stops 1"
- For use with A.Y. McDonald ball valve curb stops 1 1/2", 2" (ball size)

5601L



5611

1" Upper with Rod

Size	Pallet PCS/WT	Price
2 1/2	100/1100	$65.35
3	100/1200	$66.92
3 1/2	100/1300	$69.77
4	100/1400	$72.52
4 1/2	100/1500	$73.48
5	100/1600	$75.02
5 1/2	100/1700	$78.10
6	100/1800	$82.57
6 1/2	100/1900	$85.54
7	100/2000	$89.09
7 1/2	100/2100	$92.68
8	100/2200	$95.88

5613

1" Upper with Rod

Size	Pallet PCS/WT	Price
2 1/2	100/1200	$56.55
3	100/1300	$59.78
3 1/2	100/1400	$62.23
4	100/1500	$64.47
4 1/2	100/1600	$65.35
5	100/1700	$66.92
5 1/2	100/1800	$69.59
6	100/1900	$73.90
6 1/2	100/2000	$77.39
7	100/2100	$81.03
7 1/2	100/2200	$84.78
8	100/2300	$88.68

5611LR

1" Upper L/Rod

Size	Pallet PCS/WT	Price
2 1/2	100/930	$55.46
3	100/1025	$56.28
3 1/2	100/1075	$58.04
4	100/1125	$59.25
4 1/2	100/1175	$59.29
5	100/1225	$59.91
5 1/2	100/1275	$61.99
6	100/1475	$65.30
6 1/2	100/1375	$66.40
7	100/1425	$69.32
7 1/2	100/1475	$71.79
8	100/1525	$73.99

5613LR

1" Upper L/Rod

Size	Pallet PCS/WT	Price
2 1/2	100/1075	$46.68
3	100/1125	$49.14
3 1/2	100/1175	$50.49
4	100/1100	$51.20
4 1/2	100/1275	$51.16
5	100/1325	$51.79
5 1/2	100/1316	$53.50
6	100/1360	$56.62
6 1/2	100/1475	$58.27
7	100/1525	$61.24
7 1/2	100/1575	$63.91
8	100/1625	$66.80



NOTES

- Order by model number and maximum extended lengths from 2 1/2' thru 10' (in 6" increments). Example: 5613 8 1/2'
- When rods are furnished with Curb Boxes, they are 18" shorter than maximum extended length of Curb Box.
- All Curb Boxes telescope one foot. Lengths shown are at maximum extension:
  Example: A 5' Curb Box can be used at depths ranging from 4' to 5'.
- **Shut Off Rods and Available Lid Options, see Curb Boxes accessories.**

Minneapolis Pattern Base

BASE TAPPED 2"

5615

- 1 1/4" I.D. Upper Section
- Shut-off rod available
- **5614L - with 1 1/4" brass pentagon plug**
- For use with A.Y. McDonald inverted plug type curb stops 1"
- For use with A.Y. McDonald ball valve curb stops 1 1/2", 2" (ball size)



5614L

5623

- 1 1/2" I.D. Upper Section
- Shut-off rod available
- **5623L - with 1 1/2" brass pentagon plug**
- For use with A.Y. McDonald inverted plug type curb stops 1"
- For use with A.Y. McDonald ball valve curb stops 1 1/2", 2" (ball size)


5623L

5615
1 1/4" Upper L/Rod

Size	Pallet PCS/WT	Price
2 1/2	100/1200	$49.71
3	100/1300	$51.84
3 1/2	100/1400	$54.09
4	100/1410	$56.34
4 1/2	100/1600	$58.61
5	100/1600	$61.36
5 1/2	100/1725	$63.78
6	100/1820	$65.99
6 1/2	100/1800	$68.85
7	100/2000	$71.15
7 1/2	100/2075	$74.44
8	100/2200	$77.07
8 1/2	50/1150	$81.89
9	50/1200	$86.71
9 1/2	50/1228	$91.52
10	50/1500	$96.35

5615A - American Made
1 1/4" Upper L/Rod

Size	Pallet PCS/WT	Price
2 1/2	100/1205	$55.16
3	100/1300	$57.54
3 1/2	100/1340	$60.03
4	100/1470	$62.53
4 1/2	100/1600	$65.06
5	100/1665	$68.11
5 1/2	100/1700	$70.81
6	100/1815	$73.25
6 1/2	100/1955	$76.43
7	100/2000	$78.97
7 1/2	100/2050	$82.62
8	100/2060	$85.55
8 1/2	50/1200	$90.90
9	50/1187	$96.25
9 1/2	50/1228	$101.60
10	50/1500	$106.94

5623
1 1/2" Upper L/Rod

Size	Pallet PCS/WT	Price
2 1/2	100/1800	$71.49
3	100/1900	$74.14
3 1/2	100/1810	$76.82
4	100/1950	$79.67
4 1/2	100/2200	$81.88
5	100/2130	$84.85
5 1/2	100/2300	$87.21
6	100/2390	$89.39
6 1/2	100/2495	$92.26
7	100/2700	$96.39
7 1/2	50/1400	$99.80
8	50/1400	$102.66
8 1/2	50/1468	$109.06
9	50/1475	$115.48

5623A - American Made
1 1/2" Upper L/Rod

Size	Pallet PCS/WT	Price
2 1/2	100/1800	$66.07
3	100/1900	$70.76
3 1/2	100/1810	$75.45
4	100/1977	$80.14
4 1/2	100/2200	$85.41
5	100/2130	$90.29
5 1/2	100/2300	$95.08
6	100/2390	$99.82
6 1/2	100/2495	$104.86
7	100/2700	$109.68
7 1/2	50/1400	$114.56
8	100/2797	$119.22
8 1/2	50/1468	$123.88
9	50/1475	$128.54
10	50/1550	$133.20

NOTE
- For 5623 model with cast iron plug add "C" to model number and deduct $6.13 from list.

Example: 5623 5 becomes 5623C 5
5623A 5 becomes 5623AC 5

5615WB
Available with 2" MNPT x 1 1/2" FNPT reducing bushing (Add "WB" to model number)
Add $5.61 to list

5615AWB
Available with 2" MNPT x 1 1/2" FNPT reducing bushing (Add "WB" to model number)
Add $9.75 to list



5622BUSH
2" x 1 1/2" Bushing

Size	Carton PCS/WT	Price
2" x 1 1/2"	20/13	$8.41

5622ABUSH - American Made
2" x 1 1/2" Bushing

Size	Carton PCS/WT	Price
2" x 1 1/2"	20/13	$9.77

5623ADPT
Increase Adapter



- 2" MNPT x 2 1/2" FNPT
- Increases Minneapolis Pattern Curb Box Tapped 2" up to 2 1/2"
- Use with 1 1/4" inverted plug type curb stops (ball size)
- List price $46.38

NOTES
- Order by model number and maximum extended lengths from 2 1/2' thru 10' (in 6" increments). Example: 5613 8 1/2'
- When rods are furnished with Curb Boxes, they are 18" shorter than maximum extended length of Curb Box.
- All Curb Boxes telescope one foot. Lengths shown are at maximum extension:
  Example: A 5' Curb Box can be used at depths ranging from 4' to 5'.
- **Shut Off Rods and Available Lid Options, see Curb Boxes accessories.**

Minneapolis Pattern Base

BASE TAPPED 3" AND 3 1/2"

5624

- **2**" I.D. Upper Section
- Shut-off rod available
- **5624L - 2" brass pentagon plug**
- Base tapped 3"



5624L

5624

MPLS Tap 3" - 2" Upper L/Rod

Size	Pallet PCS/WT	Price
3	50/1168	$134.94
3 1/2	50/1450	$138.38
4	50/1500	$141.86
4 1/2	50/1550	$145.26
5	50/1600	$151.37
5 1/2	50/1475	$155.11
6	50/1563	$158.66
6 1/2	50/1750	$162.16
7	50/1700	$171.53
7 1/2	25/925	$176.82
8	25/950	$182.09

5624ABUSH

3" MNPT x 2" FNPT Bushing

Size	Carton PCS/WT	Price
3" x 2"	20/40	$31.07

5625

- **2**" I.D. Upper Section
- Shut-off rod available
- **5624L - 2" brass pentagon plug**
- Base tapped 3 1/2"



5624L

5625

MPLS Tap 3 1/2" - 2" Upper L/Rod

Size	Pallet PCS/WT	Price
3	50/1350	$134.94
3 1/2	50/1400	$138.38
4	50/1500	$141.86
4 1/2	50/1550	$145.26
5	50/1650	$151.37
5 1/2	50/1700	$155.11
6	50/1800	$158.66
6 1/2	50/1850	$162.16
7	50/1950	$171.53
7 1/2	25/1000	$176.82
8	25/1050	$182.09
9	25/1100	$219.27



NOTES

- Order by model number and maximum extended lengths from 2 1/2' thru 10' (in 6" increments). Example: 5624 8 1/2'
- When rods are furnished with Curb Boxes, they are 18" shorter than maximum extended length of Curb Box.
- All Curb Boxes telescope one foot. Lengths shown are at maximum extension:
  Example: A 5' Curb Box can be used at depths ranging from 4' to 5'.
- **Shut Off Rods and Available Lid Options, see Curb Boxes accessories.**

Plastic Telescoping Curb Box

36" & 42" ADJUSTABLE

5504
Arch Curb Box Pentagon Lid with Rod

Size	Carton PCS/WT	Price
48 x 84	50/620	$150.36

5504LR
Arch Curb Box Pentagon Lid L/Rod

Size	Carton PCS/WT	Price
48 x 84	50/353	$94.85

5514
Minn Curb Box Pentagon Lid with Rod 1 1/2" Tap

Size	Carton PCS/WT	Price
48 x 84	50/605	$141.32
66 x 108	50/686	$181.69

5514LR
Minn Curb Box Pentegon Lid L/Rod 1 1/2" Tap

Size	Carton PCS/WT	Price
48 x 84	50/310	$85.80
66 x 108	50/315	$110.31

5515
Minn Curb Box Pentagon Lid with Rod 2" Tap

Size	Carton PCS/WT	Price
48 x 84	50/543	$141.32
66 x 108	50/755	$181.69

5515LR
Minn Curb Box Pentagon Lid L/Rod 2" Tap

Size	Carton PCS/WT	Price
48 x 84	50/339	$85.80
66 x 108	50/323	$110.31

5541
Arch Curb Box 2 Hole Lid with Rod

Size	Carton PCS/WT	Price
48 x 84	50/563	$150.36

5541LR
Arch Curb Box 2 Hole Lid L/Rod

Size	Carton PCS/WT	Price
48 x 84	50/280	$94.85

5542
Minn Curb Box 2 Hole Lid with Rod 1 1/2" Tap

Size	Carton PCS/WT	Price
48 x 84	50/690	$141.32

5542LR
Minn Curb Box 2 Hole Lid L/Rod 1 1/2" Tap

Size	Carton PCS/WT	Price
48 x 84	50/293	$85.80

5543
Minn Curb Box 2 Hole Lid with Rod 2" Tap

Size	Carton PCS/WT	Price
48 x 84	50/660	$141.32

5543LR
Minn Curb Box 2 Hole Lid L/Rod 2" Tap

Size	Carton PCS/WT	Price
48 x 84	50/293	$85.80



5514CPLG
Coupling

Size	Carton PCS/WT	Price
1 1/2" x 2"	50/25	$19.36
2" x 2"	50/17	$19.36

5504SA
Arch

Size	Carton PCS/WT	Price
	50/14	$12.99

5541LASY
Erie Lid with Adapter

Size	Carton PCS/WT	Price
	50/120	$36.51

5500REPNR
Lock Nut and Ring

Size	Carton PCS/WT	Price
	50/5	$35.55

5504TRS
Top Repair Coupling

Size	Carton PCS/WT	Price
	1/2	$39.20

5500SS
Telescoping Shutoff Rod

Size	Carton PCS/WT	Price
48 x 84	1/6	$55.57
66 x 108	6/46	$71.38

- Lightweight composite material reduces shipping expenses/damages
- Constructed of non-corrosive materials, solving hot corrosive soil issues
- 1 1/4" upper section
- Adjusts a full 30" (From 48" to 84")
- Greater extension range offers reduction of inventory without reduction in sales
- A repairable top section with repair parts available
- Comes with an optional stainless steel rod and interchangeable bases
- Converts easily from Minneapolis to Arch Base

Standard Water Lids



5607L



5601L

Curb Box with Foot Piece

USE WITH 1/2" THROUGH 2" CURB STOPS

5627

- 2" I.D. Upper Section
- Shut-off rod available
- **5627L**
- 1 1/2" threaded support ring (5627R 1 1/2") in base casting
- For use with 1/2", 5/8", 3/4" Minneapolis Pattern inverted plug style curb stops



5627L Lid



(side view)

5627

MPLS Tap 1 1/2" Footpiece - 2" Upper

Size	Pallet PCS/WT	Price
5	25/800	$194.83
5 1/2	25/850	$198.13
6	25/900	$201.22
6 1/2	25/950	$204.27
7	25/1000	$207.55
7 1/2	25/1050	$210.18
8	25/1100	$213.40

5628B

- 2" I.D. Upper Section
- Shut-off rod available
- **5627L**
- 1 1/2" threaded support ring (5628R 1 1/2") in base casting
- For use with 3/4", 1" Minneapolis Pattern Curb Stops



5627L Lid



(side view)

5628B

Same as 5628 but Ball Valves Only

Size	Pallet PCS/WT	Price
3	25/717	$205.95
4	25/779	$215.59
5	25/835	$225.25
7	25/1000	$244.58
7 1/2	25/1000	$249.39
8	25/1050	$254.24
8 1/2	25/1049	$259.06

5628

- 2" I.D. Upper Section
- Shut-off rod available
- **5627L**
- 2" threaded support ring (5628R 2") in base casting
- For use with 1" Minneapolis Pattern inverted plug type curb stops



5627L Lid



(side view)

5628

MPLS Tap 2" Footpiece - 2" Upper

Size	Pallet PCS/WT	Price
5	25/800	$210.77
5 1/2	25/850	$214.14
6	25/900	$217.47
6 1/2	25/950	$220.76
7	25/1000	$224.36
7 1/2	25/1025	$227.09
8	25/1050	$230.57

5629B

- 2" I.D. Upper Section
- Shut-off rod available
- **5624L**
- 1 1/2" threaded support ring (5628R 1 1/2") in base casting
- For use with 3/4", 1" (ball size) Minneapolis Pattern Curb Stops

5624 Lid



5629B

Same Curb Box as 5628B, but with model 5624L Lid

Size	Pallet PCS/WT	Price
5	25/825	$212.34
7 1/2	25/1003	$228.14



NOTES

- Order by model number and maximum extended lengths from 2 1/2' thru 10' (in 6" increments). Example: 5603 8 1/2'
- All Curb Boxes telescope one foot. Lengths shown are at maximum extension:
  Example: A 5' Curb Box can be used at depths ranging from 4' to 5'.
- **Shut Off Rods and Available Lid Options, see Curb Boxes accessories.**

Curb Box with Foot Piece

USE WITH 1/2" THROUGH 2" CURB STOPS

5630

- 2" I.D. Upper Section
- Shut-off rod available
- **5627L**
- For use with 1 1/2" Regular Pattern inverted plug type curb stops

5630

Enlarged footpiece model for 1 1/2" Valve - 2" Upper section

Size	Pallet PCS/WT	Price
6	25/1025	$224.86
7	25/1125	$255.43
7 1/2	25/1100	$263.71

5631

- 2" I.D. Upper Section
- Shut-off rod available
- **5627L**
- For use with 2" Regular Pattern inverted plug type curb stops

5631

Enlarged footpiece model for 2" Valve - 2" Upper section

Size	Pallet PCS/WT	Price
7	25/1125	$255.43
7 1/2	25/1175	$263.70



5627L Lid



(side view)



5631B

- 2" I.D. Upper Section
- Shut-off rod available
- **5627L**
- 2" threaded support bracket (5690) in base casting
- For use with 1 1/2", 2" (ball size) Minneapolis Pattern Curb Stops

5631B

Same Curb Box as 5631 but for Ball Valves

Size	Pallet PCS/WT	Price
3 1/2	25/875	$210.16
4	25/915	$218.71
5	25/964	$236.45
7	25/1203	$271.96
7 1/2	25/1150	$278.76
8	25/1173	$285.56
8 1/2	25/1200	$292.36

NOTES

- Order by model number and maximum extended lengths from 2 1/2' thru 10' (in 6" increments). Example: 5603 8 1/2'
- All Curb Boxes telescope one foot. Lengths shown are at maximum extension:
  Example: A 5' Curb Box can be used at depths ranging from 4' to 5'.
- **Shut Off Rods and Available Lid Options, see Curb Boxes accessories.**

Standard Water Lids



5624L
Tapped 2"
$ 27.19



5627L
$ 32.06



5627C
Cap only for 5627L
$ 7.68

Accessories



5627AB
Brass Anchor Bolt
$ 6.84



5627AN
Anchor Nut
For 5627 Lid
$ 6.97



5628R 1 1/2"
Support Ring
$ 12.58



5628R 2"
Support Ring
$ 12.58



5690
Minneapolis Valve Support Bracket - 2" Tap
$ 28.27

Lids & Accessories



5601 Lids

Model	Marking	Price
5601L	"Water"	$9.81
5601PL	"No Marking"	$10.35



Tapped 1 1/4"

5614 Lids

Model	Marking	Price
5614L	"Water"	$20.27
5614LG	"Gas"	$20.27
5614LPS	"Sewer"	$20.27
5614LTW Tracewire	"Water"	$23.29
5614LSK	"Irrigation"	$20.27
5614LRW	"Reclaimed Water"	$20.27



Tapped 1"

5607 Lids

Model	Marking	Price
5607L	"Water"	$15.93
*5607LG	"Gas"	$15.93
*5607LPS	"Sewer"	$15.93
5607LD	"Water"	$16.72
5607LTW Tracewire	"Water"	$18.95
5607LSK	"Irrigation"	$15.93
5607LRW	"Reclaimed Water"	$15.93



Tapped 2"

5624 Lids

Model	Marking	Price
5624L	"Water"	$27.19
5624LG	"Gas"	$27.19
5624LPS	"Sewer"	$27.19
5624LTW Tracewire	"Water"	$30.21
5624LFS	"Fire Sprinkler"	$27.19

* Pentagon plug with rope-style threads

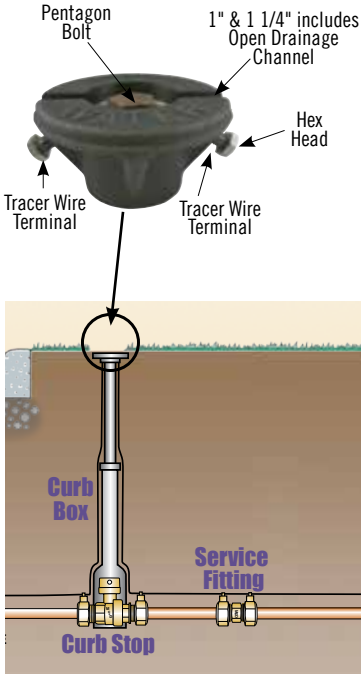


Tapped 1 1/2"

5623 Lids

Model	Marking	Price
5623L	"Water"	$17.78
5623LTW Tracewire	"Water"	$20.81
5623LCP Cast Iron Plug	"Water"	$14.77
5623LCPTW	"Water"	$17.80

WITH TRACER WIRE OPTION



- Tracerwire option not avaialble on all lids, consult factory

Note: Curb Box lids marked other than "Water" may require a minimum order quantity - Contact Factory.

5607BP
1" Brass Pentagon Plug

Size	Carton PCS/WT	Price
1"	25/4	$5.95

5623BP
1 1/2" Brass Pentagon Plug

Size	Carton PCS/WT	Price
1 1/2"	25/9	$13.38

5624BP
2" Brass Pentagon Plug

Size	Carton PCS/WT	Price
2"	15/11	$14.01

5614BP
1 1/4"Brass Pentagon Plug

Size	Carton PCS/WT	Price
1 1/4"	25/5	$5.38

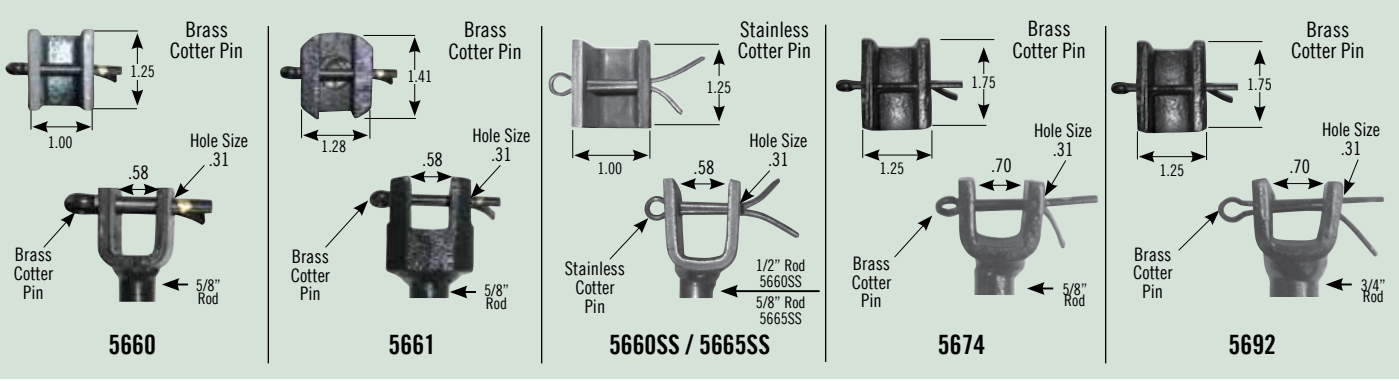
5623CP
1 1/2" Cast Iron Plug

Size	Carton PCS/WT	Price
1 1/2"	25/7	$3.66



- A pentagon plug allows access to curb stop or shut-off rod without removing lid.
- For lids with other markings or variations, contact factory.

Shut-Off Rods



5660/5660SS/5660SSA

Steel Key

- 5/8" rod (5660)
- 1/2" Stainless steel rod (5665SS) -

Small key-clamp welded to rod

For use with:

- Ball style curb stops 5/8", 3/4", 1", 1 1/2", 2" (ball size)
- Inverted plug style curb stops 1/2", 5/8", 3/4", 1"

5660

5/8" Shut-Off Rod - Small Key

Size	Carton PCS/WT	Price
12	1/2	$17.95
18	1/2	$17.95
24	1/3	$18.17
30	1/3	$18.61
36	1/4	$18.70
42	1/4	$19.41
48	1/5	$20.39
54	1/5	$20.86
60	1/6	$20.99
66	1/6	$23.86
72	1/7	$24.80
78	1/7	$25.69
90	1/9	$29.64

5660SS

1/2" Stainless Steel Shut-Off Rod

Size	Carton PCS/WT	Price
12	1/1	$24.25
18	1/2	$36.37
24	1/2	$36.86
30	1/2	$37.72
36	1/3	$37.91
42	1/3	$39.64
45	1/3	$40.48
48	1/3	$41.33
54	1/4	$41.94
60	1/4	$42.53
66	1/4	$46.38
72	1/5	$50.23
78	1/5	$54.08
84	1/6	$66.77

5660SSA - American Made

1/2" Stainless Steel Shut-Off Rod

Size	Carton PCS/WT	Price
12	1/1	$54.50
18	1/2	$57.42
24	1/2	$60.33
30	1/2	$63.17
36	1/3	$65.86
42	1/3	$69.20
45	1/3	$70.59
48	1/3	$71.96
54	1/4	$74.88
60	1/4	$77.90
66	1/4	$80.66
72	1/5	$83.48
78	1/5	$86.40
84	1/5	$89.12

5661/ 5665SS

- 5/8" rod
- 5/8" Stainless steel rod (5665SS)
- Small key-clamp welded to rod

For use with:

- Ball style curb stops 5/8", 3/4", 1", 1 1/2", 2" (ball size)
- Inverted plug style curb stops 1/2", 5/8", 3/4", 1"

5661

5/8" Shut-Off Rod - Cast Key

Size	Carton PCS/WT	Price
12	1/2	$18.18
18	1/2	$18.18
24	1/3	$19.10
30	1/4	$19.99
36	1/4	$20.85
42	1/4	$21.92
48	1/5	$22.78
54	1/6	$23.72
60	1/7	$24.66
66	1/7	$25.54
72	1/7	$26.43
78	1/8	$27.35
90	1/9	$31.57

5665SS

5/8" Stainless Steel Shut-Off Rod

Size	Carton PCS/WT	Price
18	1/2	$52.51
30	1/2	$55.70
36	1/4	$62.07
42	1/4	$65.20
48	1/5	$68.30
54	1/5	$71.42
60	1/4	$74.52
66	1/4	$77.62
72	1/5	$80.73
78	1/5	$83.83

5674

- 5/8" rod
- Large key-clamp welded to rod

For use with:

- Ball style curb stops 1 1/4", 1 1/2", 2" (ball size)
- Inverted plug style curb stops 1 1/4", 1 1/2", 2"

5674

5/8" Shut-Off Rod - Large Key

Size	Carton PCS/WT	Price
12	1/2	$17.95
18	1/2	$17.95
24	1/3	$18.17
30	1/3	$18.61
36	1/4	$18.70
42	1/4	$19.41
48	1/5	$20.39
54	1/6	$20.86
60	1/6	$20.99
66	1/7	$23.86
72	1/8	$24.80
78	1/8	$25.69
84	1/9	$27.24
90	1/9	$29.64
102	1/10	$33.59

5692

- 3/4" rod
- Large key-clamp welded to rod

For use with:

- Ball style curb stops 1 1/2", 2" (ball size)
- Inverted plug style curb stops 1 1/4", 1 1/2", 2" (For use with 2" upper sections only)

5692

3/4" Shut-Off Rod - Large Key

Size	Carton PCS/WT	Price
30	1/6	$44.03
36	1/5	$38.45
42	1/6	$44.10
48	1/7	$45.17
54	1/9	$45.89
60	1/8	$47.59
66	1/11	$49.27
72	1/9	$53.74
78	1/10	$58.24



Exended box length in feet	2 1/2'	3'	3 1/2'	4'	4 1/2'	5'	5 1/2'	6'	6 1/2'	7'	7 1/2'	8'
Rod length in inches	12"	18"	24"	30"	36"	42"	48"	54"	60"	66"	72"	78"

-Order by rod model number and length of rod in inches. Example: 5660 4'

Curb Box Parts & Accessories

304B

Heavy steel rod
Slotted key fits top of all shut-off rods. Spanner wrench end fits 5601L lid. Pentagon wrench fits 5607L, 5614L, 5623L, 5624L, and 5627L lids.



304B

Curb Box Key and Lid Wrench

Size	Carton PCS/WT	Price
2	1/4	$49.27
3	1/6	$49.27
4	1/7	$49.82
5	1/8	$58.97
6	1/10	$58.56
7	1/10	$68.20
8	1/13	$74.98

304K

Pentagon Key
Fits 5607L, 5614L, 5623L, 5624L and 5627L lids.



304K

Pentagon Key

Size	Carton PCS/WT	Price
	1/1	$6.84

5614RL

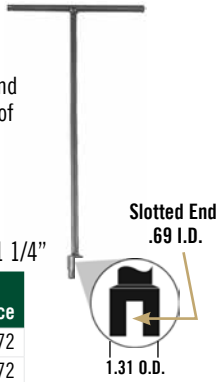
Repair Lid - Fits 1" or 1 1/4" pipe



Size	Carton PCS/WT	Price
	1/4	$46.87

305

Fits in curb boxes with upper sections 1 1/4" and larger, and directly onto operating head of the curb stop.



305

Shut-Off Rod for Boxes over 1 1/4"

Size	Carton PCS/WT	Price
2	1/3	$73.72
3	1/4	$73.72
4	1/6	$75.31
6	1/8	$75.85
8	1/10	$80.71
10	1/12	$87.96

5660CP

Brass Cotter Pin for Shut-Off Rods 1 1/2" Long



Size	Carton PCS/WT	Price
1 1/4"	50/1	$1.58

5639

Cast Iron Curb Box Receptacle (For use with 1" upper section curb boxes (5601 Erie pattern).



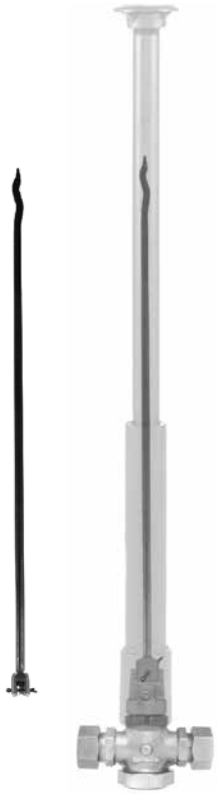
Size	Carton PCS/WT	Price
	1/3	$14.01

5660SSCP

Stainless Steel Cotter Pin for Shut-Off Rods 1 3/4" Long



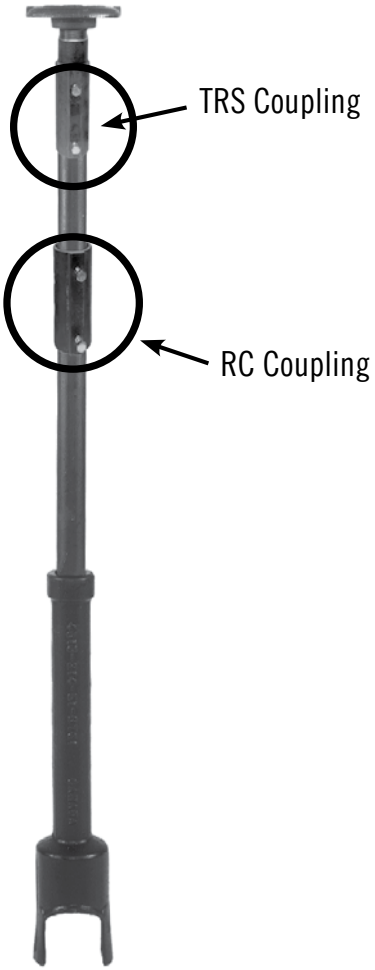
Size	Carton PCS/WT	Price
1 1/4"	10/1	$3.18



Exended box length in feet	2 1/2'	3'	3 1/2'	4'	4 1/2'	5'	5 1/2'	6'	6 1/2'	7'	7 1/2'	8'
Rod length in inches	12"	18"	24"	30"	36"	42"	48"	54"	60"	66"	72"	78"

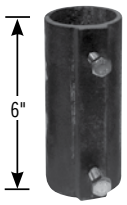
-Order by rod model number and length of rod in inches. Example: 5660 4'

Cast Iron Repair Couplings





"TRS" is used for top curb box thread repairs and extends height by 3"



"RC"couplings are used to repair or extend the upper section of curb box pipe

1”

5601TRS
Curb Box Repair Coupling
For use with 1” upper section

Size	Carton PCS/WT	Price
1”	1/3	$10.52

5601RC
Curb Box Coupling
For use with 1” upper section

Size	Carton PCS/WT	Price
1”	1/2	$8.17

1 1/4”

5604TRS
Curb Box Repair Coupling
For use with 1 1/4” upper section

Size	Carton PCS/WT	Price
1 1/4”	1/3	$12.85

5604RC
Curb Box Coupling
For use with 1 1/4” upper section

Size	Carton PCS/WT	Price
1 1/4”	1/2	$9.35

1 1/2”

5605TRS
Curb Box Repair Coupling
For use with 1 1/2” upper section

Size	Carton PCS/WT	Price
1 1/2”	1/4	$16.36

5605RC
Curb Box Coupling
For use with 1 1/2” upper section

Size	Carton PCS/WT	Price
1 1/2”	1/3	$10.52

2”

5606TRS
Curb Box Repair Coupling
For use with 2” upper section

Size	Carton PCS/WT	Price
2”	1/5	$18.70

5606RC
Curb Box Coupling
For use with 2” upper section

Size	Carton PCS/WT	Price
2”	1/3	$12.85











THE CUSTOMER IS THE BOSS

EST. 1856

McDonald

Service Fittings

Water Works Catalog / Price List - April 2019

MORE THAN A BRAND. **WE'RE A FAMILY.**

Cambridge Couplings

The Stainless Steel teeth provide electrical continuity from metallic pipes to the coupling body, eliminating the need for trace wires when metallic pipes are used. Accommodates pipes that are slightly oval or slightly deformed,saving time and materials in some sizing situations. The Cambridge Coupling has a 300 PSI working pressure rating and is simple to use. The connection is shipped ready to use, simply insert the pipe and tighten.



*Stainless Steel Insert Required

Dimensional Range

The Cambridge Couplings offers the greatest range of all couplings currently available; with a range of up to 0.400". The range of each coupling overlaps slightly to accommodate different installation scenarios. That is more than 3/8" range from the minimum to maximum pipe size accommodated. See table below for specific sizing.

Design features:

- The gripper body will form to the pipe OD and be in full contact and support the pipe around its entire circumference.
- The rubber seals conforms to the pipe diameter, providing high pressure sealing of the waterway as well as preventing contaminants and soil from entering the gripper area.
- The gripper sub-assembly is symmetrical, and therefore works in either direction regardless of the orientation.
- The gripper sub-assembly provides a snug fit in the nut, preventing loss of the gripper and seals in the trench.
- Accommodates pipes that are slightly oval or slightly deformed, saving time and materials in some sizing situations.

Pipe Material

		Nominal Pipe Size and Model # Call-outs						
	Stainessless Steel Insert	1/2"	5/8"	3/4"	1"	1 1/4"	1 1/2"	2"
Copper (CTS)	Not Required	U2	U2, U3	U2, U3	U3, U4	U4, U5	U5, U6	U7
Polybutylene, Polyethylene, PET, PEX SDR9 (CTS)	6133T	U2	U2, U3	U2, U3	U3, U4	U4, U5	U5, U6	U7
Galvanized Steel (IPS)	Not Required	U2, U3	-	U3, U4	U4, U5	U5, U6	U6	U7
Polyethylene SDR9, SDR11 (PEP-OD)	SDR9 (6137), SDR11 (6138)	-	-	U3, U4	U4, U5	U5, U6	U6	U7
PVC	Not Required	U2, U3	-	U3, U4	U4, U5	U5, U6	U6	U7
Polybutylene, Polythylene, PET, PEX SIDR7 (PEP)	6136	U2, U3	-	U3, U4	U4, U5	U6	U7	-
Lead Pipe - Strong (S or A)	Not Required	U2, U3	U3, U4	U4	U5	U5, U6	U6, U7	-
Lead Pipe - Extra Strong (XS or AA)	Not Required	U2, U3	U3, U4	U4	U5	U6	U7	-
Lead Pipe - Double Extra Strong (XXS or AAA)	Not Required	U3	U4	U4, U5	U5	U6	U7	-

Pipe OD Range Per Size

Model # Call-outs	Inches Min.	Inches Max.
U2	0.600"	0.900"
U3	0.735"	1.135"
U4	1.000"	1.400"

Model # Call-outs	Inches Min.	Inches Max.
U5	1.300"	1.700"
U6	1.600"	2.000"
U7	1.969"	2.381"

Cambridge Couplings & Adapters

The Stainless Steel teeth provide electrical continuity from metallic pipes to the coupling body, eliminating the need for trace wires when metallic pipes are used. Accommodates pipes that are slightly oval or slightly deformed,saving time and materials in some sizing situations. The Cambridge Coupling has a 300 PSI working pressure rating and is simple to use. The connection is shipped ready to use, simply insert the pipe and tighten.

74753U

Cambridge Coupling x MNPT



Model	Size	Compression Range		Size & Type (NPT)	Carton PCS/WT	Price
74753U2	3/4"	0.600" - 0.900"	x	3/4" Male	4/7	$102.03
74753U3	3/4"	0.735" - 1.135"	x	3/4" Male	4/8	$106.95
74753U4	1"	1.000" - 1.400"	x	1" Male	4/11	$123.67
74753U5	1"	1.300" - 1.700"	x	1" Male	4/12	$138.81
74753U5	1 1/2"	1.300" - 1.700"	x	1 1/2" Male	4/14	$155.54
74753U6	1 1/2"	1.600" - 2.000"	x	1 1/2" Male	4/14	$161.51
74753U7	2"	1.969" - 2.381"	x	2" Male	4/16	$175.82

74754U

Cambridge Coupling x FNPT



Model	Size	Compression Range		Size & Type (NPT)	Carton PCS/WT	Price
74754U2	3/4"	0.600" - 0.900"	x	3/4" Female	4/8	$103.18
74754U3	3/4"	0.735" - 1.135"	x	3/4" Female	4/9	$108.10
74754U4	1"	1.000" - 1.400"	x	1" Female	4/11	$125.32
74754U5	1"	1.300" - 1.700"	x	1" Female	4/13	$140.36
74754U5	1 1/2"	1.300" - 1.700"	x	1 1/2" Female	4/14	$153.14
74754U6	1 1/2"	1.600" - 2.000"	x	1 1/2" Female	4/13	$156.99
74754U7	2"	1.969" - 2.381"	x	2" Female	4/15	$174.44

74758U

Cambridge Coupling



Model	Compression Range		Compression Range	Carton PCS/WT	Price
74758U2	0.600" - 0.900"	x	0.600" - 0.900"	4/11	$152.59
74758U2U3	0.600" - 0.900"	x	0.735" - 1.135"	4/12	$157.74
74758U3	0.735" - 1.135"	x	0.735" - 1.135"	4/13	$159.94
74758U3U4	0.735" - 1.135"	x	1.000" - 1.400"	4/14	$170.02
74758U4	1.000" - 1.400"	x	1.000" - 1.400"	4/14	$166.88
74758U4U5	1.000" - 1.400"	x	1.300" - 1.700"	4/18	$198.75
74758U5	1.300" - 1.700"	x	1.300" - 1.700"	4/20	$214.21
74758U5U6	1.300" - 1.700"	x	1.600" - 2.000"	4/21	$233.13
74758U6	1.600" - 2.000"	x	1.600" - 2.000"	4/21	$237.37
74758U6U7	1.600" - 2.000"	x	1.969" - 2.381"	4/24	$261.71
74758U7	1.969" - 2.381"	x	1.969" - 2.381"	4/24	$271.45

RANGER Fittings - Patent Pending

Another Innovative Product from A.Y. McDonald Mfg. Co.

99 FITTINGS IN YOUR HAND

A.Y. McDonald's new RANGER fittings are designed with You, our Customer, the Boss in mind. The unique design of the RANGER allows it to assemble onto multiple ranges of 3/4" or 1" nominal pipe diameters from CTS up to PVC. It not only saves time, but the design of this wide-range fitting also reduces inventory by replacing up to 99 compression connections. When you know you have a 3/4" or 1" service line in the ground, but you don't know the exact type of pipe, grab the RANGER. When you don't know what fitting is stocked on your shelf or don't have room to stock multiple fittings, stock one fitting. Stock the RANGER!



74753-11



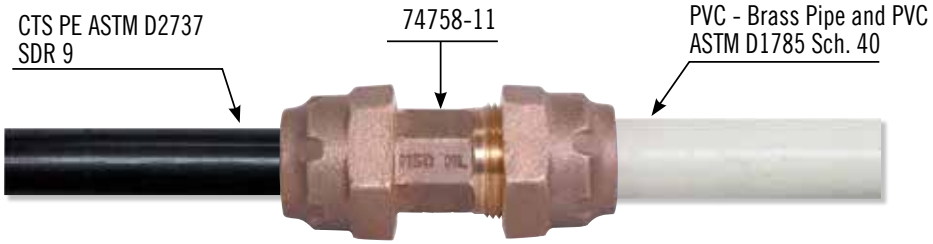
74758-11



74754-11

The 3/4" RANGER will fit on the following types of pipes:

- CTS – Copper Tube Type K or L
- CTS – PEX Tubing ASTM F876 SDR 9 CSA B137.5
- PEP – Polybutylene ASTM D2662 SIDR7
- PEP – Polyethylene ASTM D2239 SIDR7 / SIDR9 Polyethylene Pipe Size
- PVC – Brass Pipe and PVC ASTM D1785 SCH. 40
- IPS – Polyethylene ASTM D3035 SDR 9 / SDR 11 OD Controlled Iron Pipe Size
- IP – Steel Pipe
- CTS – Polyethylene ASTM D2737 SDR 9 Tube Size
- CTS – Polybutylene ASTM D2666 SDR 9 Tube Size Class 250



The RANGER is designed with a 301 stainless steel grip ring, a brass friction ring, and an EPDM rubber gasket. RANGER fittings currently available are the 74753-11 3/4" & 1" RANGER x MNPT, 74754-11 3/4" & 1" RANGER x FNPT, and the 74758-11 3/4" & 1" RANGER x RANGER.

Features:

- Manufactured in the United States
- Meet and exceeds AWWA C800-14, which requires fittings to be suitable for a water pressure of 150 PSIG
- Withstands the same pressures as the tubing, but must not be used with pressures exceeding 300 PSIG
- Double Leed Thread allows for compression nut to be assembled in half the time of a standard compression nut and eliminates the possibility of assembling an incompatible nut to these fittings.
- Designed for underground and aboveground cold potable water systems
- Large wrench flats for tightening
- Tighten-to-torque required - noted on installation instructions
- Provides pull-out strength equal to other compression fittings

Insert stiffeners are **required** on all flexible plastic connections.

74753-11

RANGER x MNPT



Size	Carton PCS/WT	Price
3/4"	25/24	$44.38
1"	25/36	$69.16

74754-11

RANGER x FNPT



Size	Carton PCS/WT	Price
3/4"	25/24	$44.02
1"	25/35	$67.96

74758-11

RANGER x RANGER



Size	Carton PCS/WT	Price
3/4"	25/42	$59.50
1"	15/36	$108.52

LIFE JUST GOT EASIER.

RANGER FITTING

Too many fittings on your shelf? Too many choices? Keep it simple. A.Y. McDonald's new Ranger fitting not only saves you time, but also allows the user to do more with less. The unique design of the Ranger allows it to assemble onto multiple ranges of 3/4" nominal pipe diameters from CTS up to PVC. When you have a 3/4" service line in the ground, but you don't know the exact type of pipe, grab the Ranger. When you don't know what fitting is stocked on your shelf or don't have room to stock multiple fittings, make your life easier, stock one fitting. Stock the Ranger!

P.S. Oh and it installs in half the turns as a regular fitting!



At A.Y. McDonald, you aren't just getting a product; you are getting an innovative solution, access to educational opportunities, and the ability to be treated like family. The customer is the boss and we aim to break the mold on how we reach customer satisfaction. Because in the end, without you, there would be no us.

Straight Adaptors

ONE END MALE NATIONAL PIPE THREAD

A.Y. McDonald Service Fittings are manufactured to meet or exceed the AWWA C800 (latest revision) standard. Our service fittings are rated to withstand the same pressures as the tubing they are designed to fit. They are designed and tested for cold potable water only. EPDM rubber gaskets are used in our Compression fittings.

74753
Flare x MNPT



Size	Carton PCS/WT	Price
1/2"	50/17	$15.54
1/2" x 3/4"	50/18	$18.74
3/4"	50/32	$23.81
3/4" x 1/2"	50/38	$23.25
3/4" x 1"	50/36	$27.39
1"	25/26	$34.00
1" x 3/4"	25/29	$36.32
1" x 2"	10/25	$153.02
1 1/4"	15/27	$67.77
1 1/2"	12/31	$104.87
2"	6/28	$192.48

74753-22
-22 CTS x MNPT



Size	Carton PCS/WT	Price
1/2"	50/20	$25.99
1/2" x 3/4"	50/23	$26.04
3/4"	50/28	$26.78
3/4" x 1/2"	50/25	$24.68
3/4" x 1"	50/28	$29.24
1"	25/19	$31.72
1" x 3/4"	25/17	$29.64
1 1/4"	15/20	$60.64
1 1/4" x 3/4"	15/18	$59.09
1 1/4" x 1"	15/21	$56.53
1 1/4" x 1 1/2"	10/16	$68.61
1 1/2"	10/18	$86.88
1 1/2" x 1"	15/24	$78.47
1 1/2" x 1 1/4"	15/25	$78.90
2"	10/26	$126.58
2" x 1 1/2"	10/23	$104.59
2 1/2"	10/35	$152.10

74753G
G CTS x MNPT



Size	Carton PCS/WT	Price
3/4"	50/34	$26.78
3/4" x 1/2"	50/33	$24.68
3/4" x 1"	50/35	$29.24
1"	25/24	$31.72
1" x 3/4"	25/24	$29.64
1" x 2"	10/18	$142.75
1 1/4"	15/23	$60.64
1 1/4" x 3/4"	15/22	$59.09
1 1/4" x 1"	15/21	$56.53
1 1/4" x 1 1/2"	10/16	$68.61
1 1/2"	10/18	$86.88
1 1/2" x 1"	15/24	$78.47
1 1/2" x 1 1/4"	15/25	$78.90
2"	10/26	$126.58

74753Q
Q CTS x MNPT



Size	Carton PCS/WT	Price
3/4"	50/31	$26.78
3/4" x 1/2"	50/28	$24.68
3/4" x 1"	50/30	$29.24
1"	25/23	$31.72
1" x 3/4"	25/21	$29.64
1" x 2"	10/18	$142.75
1 1/4"	15/21	$60.64
1 1/4" x 3/4"	15/20	$59.09
1 1/4" x 1"	15/21	$56.53
1 1/4" x 1 1/2"	10/16	$68.61
1 1/2"	15/24	$86.88
1 1/2" x 1"	15/20	$78.47
1 1/2" x 1 1/4"	15/21	$78.90
2"	10/22	$126.58

74753QC
Q CTS x MNPT



Size	Carton PCS/WT	Price
1/2"	50/35	$25.99
1/2" x 3/4"	25/15	$26.04
5/8" x 3/4"	25/14	$30.87

Not interchangeable with any
A.Y. McDonald compression system

74753T
T CTS x MNPT



Size	Carton PCS/WT	Price
3/4"	50/29	$26.78
3/4" x 1/2"	50/29	$24.68
3/4" x 1"	50/29	$29.24
1"	25/21	$31.72
1" x 3/4"	25/20	$29.64
1 1/4"	15/20	$60.64
1 1/4" x 3/4"	15/18	$59.09
1 1/4" x 1"	15/21	$56.53
1 1/4" x 1 1/2"	10/16	$68.61
1 1/2"	15/22	$86.88
1 1/2" x 1"	15/18	$78.47
1 1/2" x 1 1/4"	15/20	$78.90
2"	10/21	$126.58
2" x 1 1/2"	10/17	$104.59

74753-33
-33 PEP-7 x MNPT



Size	Carton PCS/WT	Price
3/4"	25/18	$35.49
3/4" x 1"	25/20	$48.86
1"	15/21	$51.52
1" x 3/4"	15/19	$57.77
1" x 1 1/4"	15/21	$69.31
1" x 1 1/2"	15/24	$78.82
1 1/4"	10/19	$78.05
1 1/4" x 1"	15/28	$82.85
1 1/4" x 1 1/2"	10/21	$87.61
1 1/2"	10/22	$122.21
2"	6/20	$194.22
2" x 1"	10/31	$119.26

74753-3G
-3G PEP-7 x MNPT



Size	Carton PCS/WT	Price
3/4"	25/24	$35.49
3/4" x 1"	15/21	$51.52
3/4" x 2"	10/25	$231.83
1"	15/23	$51.52
1" x 3/4"	15/22	$57.77
1" x 1 1/2"	15/24	$78.82

74753-3Q
-3Q PEP-7 x MNPT



Size	Carton PCS/WT	Price
3/4"	25/22	$35.49
3/4" x 1"	25/23	$48.86
3/4" x 2"	10/25	$231.83
1"	15/21	$51.52
1" x 3/4"	15/21	$57.77
1" x 1 1/2"	15/39	$78.82

OPTIONS

See page 9 for pricing of the following:

- For Handyloc - Replace "Q" with "H" or "-3Q" with "-3H" in 3/4" & 1" **only**.
- For C903 tube - Replace "Q" with "K". On "Q" Series options only 3/4" & 1" **only**.
- For valve or fitting less flare nut add "L" to end of model number.
- CTS Anode (QA) & Flare Anode (A) - Replace "Q" with "QA" or add "A" to flare.
- Insert stiffeners are **required** on all flexible plastic connections. (See page 24 for stiffeners)

Straight Adaptors

ONE END MALE NATIONAL PIPE THREAD

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74753-34

-34 PEP-9 x MNPT



Size	Carton PCS/WT	Price
3/4”	25/18	$35.49
3/4” x 1”	25/20	$48.86
1”	15/21	$51.52
1” x 3/4”	15/19	$57.77
1” x 1 1/4”	15/21	$69.31
1” x 1 1/2”	15/24	$78.82
1 1/4”	10/19	$78.05
1 1/4” x 1”	15/28	$82.85
1 1/4” x 1 1/2”	10/21	$87.61
1 1/2”	10/22	$122.21
2”	6/20	$194.22
2” x 1”	10/31	$119.26

74753-44

-44 PVC x MNPT



Size	Carton PCS/WT	Price
1/2”	50/25	$31.90
1/2” x 3/4”	50/28	$31.90
3/4”	25/18	$35.49
3/4” x 1”	25/20	$43.40
1”	15/21	$55.33
1” x 3/4”	15/20	$52.94
1” x 1 1/2”	15/24	$81.89
1 1/4”	10/16	$84.63
1 1/4” x 1”	15/31	$89.70
1 1/4” x 1 1/2”	10/16	$94.73
1 1/2”	10/21	$108.83
1 1/2” x 1”	10/20	$99.00
1 1/2” x 1 1/4”	10/19	$100.16
2”	6/19	$158.11
2” x 1”	10/34	$104.15

74753-55

-55 IP x MNPT



Size	Carton PCS/WT	Price
3/4”	25/16	$32.34
3/4” x 1”	25/18	$47.83
1”	15/21	$49.35
1” x 3/4”	15/20	$47.53
1” x 1 1/2”	15/24	$81.89
1 1/2”	10/21	$99.66
1 1/2” x 1”	10/18	$99.00
2”	6/18	$129.91
2” x 1”	10/33	$87.57

LEAD X MNPT

74753-67

-67 XStrong Lead x MNPT



Size	Carton PCS/WT	Price
1/2” x 3/4”	50/27	$26.78
5/8” x 3/4”	25/20	$35.49
3/4”	25/19	$49.45
3/4” x 1”	25/20	$60.55
1”	15/16	$71.67
1” x 3/4”	15/17	$66.13
1 1/4”	10/21	$78.05
1 1/4” x 1”	15/29	$78.05
1 1/2”	10/22	$122.21
2”	6/23	$243.09

74753-66

-66 Strong Lead x MNPT



Size	Carton PCS/WT	Price
5/8” x 3/4”	25/18	$45.59
3/4”	25/19	$48.07
1”	15/17	$86.75
1” x 3/4”	15/18	$77.14

74753-68

-68 XXStrong Lead x MNPT



Size	Carton PCS/WT	Price
1/2” x 3/4”	25/18	$45.59
5/8” x 3/4”	25/19	$48.07
3/4”	15/19	$57.77
1”	15/19	$80.86

OPTIONS

See page 9 for pricing of the following:

- For Handyloc - Replace “Q” with “H” or “-3Q” with “-3H” in 3/4” & 1” **only**.
- For C903 tube - Replace “Q” with “K”. On “Q” Series options only 3/4” & 1” **only**.
- For valve or fitting less flare nut add “L” to end of model number.
- CTS Anode (QA) & Flare Anode (A) - Replace “Q” with “QA” or add “A” to flare.
- Insert stiffeners are **required** on all flexible plastic connections. (See page 24 for stiffeners)

Straight Adaptors

ONE END MALE NATIONAL PIPE THREAD

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74753REP-22

-22 CTS x MNPT

Size	Carton PCS/WT	Price
3/4" x 5.25	10/11	$48.87
1" x 5.25	10/13	$57.89

74753REPG

G CTS x MNPT

Size	Carton PCS/WT	Price
3/4" x 5.25	10/11	$48.87
1" x 5.25	10/14	$57.89

74753REPQ



Q CTS x MNPT

Size	Carton PCS/WT	Price
3/4" x 5.25	10/11	$48.87
1" x 5.25	10/14	$57.89

74753REPT

T CTS x MNPT

Size	Carton PCS/WT	Price
3/4" x 5.25	10/11	$48.87
1" x 5.25	10/14	$57.89

74753REP-33

-33 PEP-7 x MNPT

Size	Carton PCS/WT	Price
3/4" x 5.25	10/13	$61.66
3/4" x 1" x 5.25	10/13	$57.89
1" x 5.25	10/19	$82.53

74753REP-34

-34 PEP-9 x MNPT

Size	Carton PCS/WT	Price
3/4" x 5.25	10/13	$61.66
3/4" x 1" x 5.25	10/13	$57.89
1" x 5.25	10/19	$82.53

74753REP-3G

-3G PEP x MNPT

Size	Carton PCS/WT	Price
3/4" x 5.25	10/13	$61.66
3/4" x 1" x 5.25	10/13	$57.89
1" x 5.25	10/19	$82.53

74753REP-3Q

-3Q PEP x MNPT

Size	Carton PCS/WT	Price
3/4" x 5.25	10/13	$61.66
3/4" x 1" x 5.25	10/13	$57.89
1" x 5.25	10/19	$82.53

74753REP-44

-44 PVC x MNPT

Size	Carton PCS/WT	Price
3/4" x 5.25	10/13	$61.66
3/4" x 1" x 5.25	10/13	$57.89
1" x 5.25	10/19	$86.34

74753REP-55

-55 IP x MNPT

Size	Carton PCS/WT	Price
3/4" x 5.25	10/13	$58.51
3/4" x 1" x 5.25	10/13	$57.89
1" x 5.25	10/19	$80.36

OPTIONS

See page 9 for pricing of the following:

- For Handyloc - Replace "Q" with "H" or "-3Q" with "-3H" in 3/4" & 1" **only**.
- For C903 tube - Replace "Q" with "K". On "Q" Series options only 3/4" & 1" **only**.
- For valve or fitting less flare nut add "L" to end of model number.
- CTS Anode (QA) & Flare Anode (A) - Replace "Q" with "QA" or add "A" to flare.
- Insert stiffeners are **required** on all flexible plastic connections. (See page 24 for stiffeners)

Straight Adaptors

ONE END FEMALE NATIONAL PIPE THREAD

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74754
Flare x FNPT



Size	Carton PCS/WT	Price
1/2"	50/22	$26.30
1/2" x 3/4"	50/24	$32.77
3/4"	50/34	$23.52
3/4" x 1/2"	50/38	$20.52
3/4" x 1"	25/18	$30.81
1"	25/30	$36.00
1" x 3/4"	25/27	$36.06
1" x 1 1/4"	20/25	$48.74
1 1/4"	15/36	$67.68
1 1/2"	12/40	$96.56
1 1/2" x 2"	12/39	$122.75
2"	6/32	$181.84

74754-22
-22 CTS x FNPT



Size	Carton PCS/WT	Price
1/2"	50/22	$29.73
1/2" x 3/4"	50/27	$32.01
3/4"	50/25	$28.16
3/4" x 1/2"	50/25	$26.78
3/4" x 1"	25/15	$33.53
3/4" x 1 1/4"	15/20	$49.00
3/4" x 1 1/2"	15/16	$69.68
1"	25/18	$38.20
1" x 3/4"	25/17	$33.18
1" x 1 1/4"	25/22	$44.83
1" x 1 1/2"	10/13	$57.80
1 1/4"	25/36	$69.76
1 1/4" x 3/4"	15/21	$62.91
1 1/4" x 1"	25/30	$59.55
1 1/2"	10/18	$111.14
1 1/2" x 1"	10/18	$100.15
1 1/2" x 1 1/4"	15/24	$83.10
2"	10/26	$132.30
2" x 1 1/2"	10/24	$112.03
2 1/2"	4/17	$232.68

74754G
G CTS x FNPT



Size	Carton PCS/WT	Price
3/4"	50/27	$28.16
3/4" x 1/2"	50/29	$26.78
3/4" x 1"	25/16	$33.53
3/4" x 1 1/4"	15/18	$49.00
3/4" x 1 1/2"	15/24	$69.68
1"	25/21	$38.20
1" x 3/4"	25/19	$33.18
1" x 1 1/4"	25/24	$44.83
1" x 1 1/2"	10/14	$57.80
1 1/4"	15/23	$69.76
1 1/4" x 3/4"	25/35	$62.91
1 1/4" x 1"	25/31	$59.55
1 1/2"	15/22	$111.14
1 1/2" x 1"	15/22	$100.15
1 1/2" x 1 1/4"	15/22	$83.10
2"	10/21	$132.30

74754Q
Q CTS x FNPT



Size	Carton PCS/WT	Price
3/4"	50/27	$28.16
3/4" x 1/2"	50/29	$26.78
3/4" x 1"	25/16	$33.53
3/4" x 1 1/4"	15/18	$49.00
3/4" x 1 1/2"	15/24	$69.68
1"	25/21	$38.20
1" x 3/4"	25/19	$33.18
1" x 1 1/4"	25/24	$44.83
1" x 1 1/2"	10/14	$57.80
1 1/4"	15/23	$69.76
1 1/4" x 3/4"	25/35	$62.91
1 1/4" x 1"	25/31	$59.55
1 1/2"	15/22	$111.14
1 1/2" x 1"	15/22	$100.15
1 1/2" x 1 1/4"	15/22	$83.10
2"	10/21	$132.30

74754QC
Q CTS x FNPT



Size	Carton PCS/WT	Price
1/2"	50/38	$29.73

Not interchangeable with any
A.Y. McDonald compression system

74754T
T CTS x FNPT



Size	Carton PCS/WT	Price
3/4"	50/27	$28.16
3/4" x 1/2"	50/29	$26.78
3/4" x 1"	25/16	$33.53
1"	25/19	$38.20
1" x 3/4"	25/18	$33.18
1" x 1 1/4"	25/22	$44.83
1" x 1 1/2"	10/18	$57.80
1 1/4"	15/21	$69.76
1 1/4" x 3/4"	15/17	$62.91
1 1/4" x 1"	25/30	$59.55
1 1/2"	10/14	$111.14
1 1/2" x 1"	10/14	$100.15
1 1/2" x 1 1/4"	15/20	$83.10
2"	10/20	$132.30
2" x 1 1/2"	10/18	$112.03

74754-33
-33 PEP-7 x FNPT



Size	Carton PCS/WT	Price
3/4"	50/35	$34.66
3/4" x 1"	25/19	$48.97
3/4" x 1 1/2"	10/18	$81.82
1"	25/30	$44.34
1" x 3/4"	15/20	$48.20
1" x 1 1/4"	25/37	$59.70
1 1/4"	10/21	$63.92
1 1/4" x 1"	15/32	$59.43
1 1/4" x 1 1/2"	10/27	$84.77
1 1/2"	10/22	$109.09
2"	6/22	$176.06
2" x 3/4"	10/26	$101.94
2" x 1"	10/34	$106.96

74754-3G
-3G PEP-7 x FNPT



Size	Carton PCS/WT	Price
3/4"	25/22	$34.66
3/4" x 1"	25/23	$48.97
3/4" x 1 1/2"	10/18	$81.82
1"	25/35	$44.34
1" x 3/4"	25/37	$48.20
1" x 1 1/4"	15/21	$53.56

74754-3Q
-3Q PEP-7 x FNPT



Size	Carton PCS/WT	Price
3/4"	50/39	$34.66
3/4" x 1"	25/21	$48.97
3/4" x 1 1/2"	10/14	$81.82
1"	25/31	$44.34
1" x 3/4"	25/33	$48.20
1" x 1 1/4"	15/21	$53.56

OPTIONS

See page 9 for pricing of the following:

- For Handyloc - Replace "Q" with "H" or "-3Q" with "-3H" in 3/4" & 1" **only**.
- For C903 tube - Replace "Q" with "K". On "Q" Series options only 3/4" & 1" **only**.
- For valve or fitting less flare nut add "L" to end of model number.
- CTS Anode (QA) & Flare Anode (A) - Replace "Q" with "QA" or add "A" to flare.
- Insert stiffeners are **required** on all flexible plastic connections. (See page 24 for stiffeners)

Straight Adaptors

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74754-34

-34 PEP-9 x FNPT



Size	Carton PCS/WT	Price
3/4"	50/35	$34.66
3/4" x 1"	25/19	$48.97
3/4" x 1 1/2"	10/18	$81.82
1"	25/30	$44.34
1" x 3/4"	15/20	$48.20
1" x 1 1/4"	25/37	$59.70
1 1/4"	10/21	$63.92
1 1/4" x 1"	15/32	$59.43
1 1/4" x 1 1/2"	10/27	$84.77
1 1/2"	10/22	$109.09
2"	6/22	$176.06
2" x 3/4"	10/26	$101.94
2" x 1"	10/34	$106.96

74754-44

-44 PVC x FNPT



Size	Carton PCS/WT	Price
1/2"	50/26	$27.98
1/2" x 3/4"	50/25	$31.65
1/2" x 1"	50/31	$35.04
3/4"	50/33	$35.22
3/4" x 1"	25/19	$48.97
3/4" x 1 1/2"	10/18	$81.82
1"	25/30	$54.31
1" x 3/4"	15/20	$55.49
1" x 1 1/4"	25/45	$53.54
1 1/4"	10/22	$66.38
1 1/4" x 1 1/2"	10/17	$85.13
1 1/2"	10/25	$117.52
1 1/2" x 3/4"	10/20	$98.32
1 1/2" x 1"	10/21	$100.00
1 1/2" x 1 1/4"	10/20	$101.44
2"	6/23	$181.71
2" x 3/4"	10/40	$88.31
2" x 1"	10/38	$96.71

74754-55

-55 IP x FNPT



Size	Carton PCS/WT	Price
3/4"	50/29	$32.08
3/4" x 1"	25/17	$40.62
3/4" x 1 1/2"	10/12	$81.82
1"	25/36	$46.39
1" x 3/4"	15/20	$44.38
1" x 1 1/4"	25/36	$51.24
1 1/2"	10/24	$111.14
1 1/2" x 1 1/4"	10/21	$81.57
2"	6/21	$155.83
2" x 3/4"	10/38	$73.43
2" x 1"	10/36	$79.44

LEAD X FNPT

74754-66

-66 Strong Lead x FNPT



Size	Carton PCS/WT	Price
5/8" x 3/4"	25/21	$45.43
3/4"	25/19	$46.06

74754-67

-67 XStrong Lead x FNPT



Size	Carton PCS/WT	Price
5/8" x 3/4"	50/34	$34.74
5/8" x 1"	25/19	$75.94
3/4"	25/20	$66.10
1"	15/17	$76.00

74754-68

-68 XXStrong Lead x FNPT



Size	Carton PCS/WT	Price
1/2" x 3/4"	25/22	$45.43
5/8" x 3/4"	25/19	$46.06
3/4"	15/20	$48.20
1"	15/21	$85.76

OPTIONS

See page 9 for pricing of the following:

- For Handyloc - Replace "Q" with "H" or "-3Q" with "-3H" in 3/4" & 1" **only**.
- For C903 tube - Replace "Q" with "K". On "Q" Series options only 3/4" & 1" **only**.
- For valve or fitting less flare nut add "L" to end of model number.
- CTS Anode (QA) & Flare Anode (A) - Replace "Q" with "QA" or add "A" to flare.
- Insert stiffeners are **required** on all flexible plastic connections. (See page 24 for stiffeners)

Straight Adaptors

ADAPTOR ASSEMBLIES TO CAP SERVICE LINES

A.Y. McDonald Service Fittings are manufactured to meet or exceed the AWWA C800 (latest revision) standard. Our service fittings are rated to withstand the same pressures as the tubing they are designed to fit. They are designed and tested for cold potable water only. EPDM rubber gaskets are used in our Compression fittings.

74754-22PLUG

-22 CTS x FNPT with Plug
Assembled Water Tight

Size	Carton PCS/WT	Price
3/4"	25/19	$49.94
1"	25/25	$61.73
1 1/4"	10/22	$119.43
1 1/2"	10/26	$166.54
2"	10/37	$199.95

74754-TPLUG

T CTS x FNPT with Plug
Assembled Water Tight

Size	Carton PCS/WT	Price
3/4"	25/19	$49.94
1"	25/25	$61.73
1 1/4"	10/22	$119.43
1 1/2"	10/26	$166.54
2"	10/37	$199.95

74754-34PLUG

-34 PEP-9 x FNPT with Plug
Assembled Water Tight

Size	Carton PCS/WT	Price
3/4"	25/25	$49.94
1"	25/38	$68.19
1 1/4"	10/26	$113.30
1 1/2"	10/35	$164.39
2"	10/40	$245.90

74754GPLUG

G CTS x FNPT with Plug
Assembled Water Tight

Size	Carton PCS/WT	Price
3/4"	25/19	$49.94
1"	25/25	$61.73
1 1/4"	10/23	$119.43
1 1/2"	10/26	$166.54
2"	10/37	$199.95

74754-33PLUG

-33 PEP-7 x FNPT with Plug
Assembled Water Tight

Size	Carton PCS/WT	Price
3/4"	25/25	$49.94
1"	25/38	$68.19
1 1/4"	10/26	$113.30
1 1/2"	10/35	$164.39
2"	10/40	$245.90

74754-44PLUG

-44 PVC x FNPT with Plug
Assembled Water Tight

Size	Carton PCS/WT	Price
3/4"	25/25	$49.94
1"	25/38	$68.19
1 1/4"	10/26	$113.30
1 1/2"	10/35	$164.39
2"	10/40	$245.90

74754QPLUG

Q CTS x FNPT with Plug
Assembled Water Tight

Size	Carton PCS/WT	Price
3/4"	25/19	$49.94
1"	25/25	$61.73
1 1/4"	10/23	$119.43
1 1/2"	10/26	$166.54
2"	10/37	$199.95

74754-3GPLUG

-3G PEP-7 x FNPT with Plug
Assembled Water Tight

Size	Carton PCS/WT	Price
3/4"	25/25	$49.94
1"	25/38	$68.19

74754-55PLUG

-55 IP x FNPT with Plug
Assembled Water Tight

Size	Carton PCS/WT	Price
3/4"	25/25	$49.94
1"	25/38	$68.19
1 1/4"	10/26	$113.30
1 1/2"	10/35	$164.39
2"	10/40	$245.90

74754-3QPLUG

-3Q PEP-7 x FNPT with Plug
Assembled Water Tight

Size	Carton PCS/WT	Price
3/4"	25/25	$49.94
1"	25/38	$68.19

OPTIONS

See page 9 for pricing of the following:

- For Handyloc - Replace "Q" with "H" or "-3Q" with "-3H" in 3/4" & 1" **only**.
- For C903 tube - Replace "Q" with "K". On "Q" Series options only 3/4" & 1" **only**.
- For valve or fitting less flare nut add "L" to end of model number.
- CTS Anode (QA) & Flare Anode (A) - Replace "Q" with "QA" or add "A" to flare.
- Insert stiffeners are **required** on all flexible plastic connections. (See page 24 for stiffeners)

Straight Adaptors

ONE END FEMALE COPPER FLARE

A.Y. McDonald Service Fittings are manufactured to meet or exceed the AWWA C800 (latest revision) standard. Our service fittings are rated to withstand the same pressures as the tubing they are designed to fit. They are designed and tested for cold potable water only. EPDM rubber gaskets are used in our Compression fittings.

The 74755 series fittings are designed to connect any A.Y. McDonald flare end to a different size or end connection.

- Note: 4755GSKT copper gasket included with all 74755 connections.

74755M

MNPT x Female Flare



Size	Carton PCS/WT	Price
1/2" x 3/4"	25/9	$21.24
3/4"	25/8	$15.39
1"	25/13	$26.92
1 1/2"	10/14	$58.37
2"	10/22	$99.28

74755F

FNPT x Female Flare



Size	Carton PCS/WT	Price
1/2"	25/11	$16.59
3/4"	25/11	$19.44
3/4" x 1/2"	25/10	$19.44
1"	25/15	$32.86
1" x 3/4"	25/19	$32.55
1" x 1 1/4"	20/24	$72.11
1" x 1 1/2"	20/28	$86.52
1" x 2"	10/22	$132.25
1 1/4"	20/26	$50.33
1 1/4" x 1"	25/27	$63.16
1 1/4" x 1 1/2"	20/29	$80.64
1 1/4" x 2"	10/26	$142.59
1 1/2"	20/28	$69.92
1 1/2" x 2"	10/22	$142.76
2"	10/23	$119.83
2" x 1 1/2"	10/20	$79.52
2 1/2" x 2"	10/32	$142.96

74755

Flare x Female Flare



Size	Carton PCS/WT	Price
1/2" x 3/4"	25/13	$19.86
3/4" x 1/2"	25/22	$35.69
3/4" x 1"	25/17	$23.70
1" x 3/4"	25/32	$36.06
1" x 1 1/4"	20/33	$69.76
1" x 1 1/2"	10/19	$108.06
1" x 2"	10/26	$153.44
1 1/4" x 1"	15/40	$72.97
1 1/4" x 1 1/2"	10/24	$125.10
1 1/4" x 2"	10/34	$186.24
1 1/2" x 1"	10/34	$100.15
1 1/2" x 1 1/4"	10/38	$113.18
1 1/2" x 2"	10/40	$201.65

74755G

G CTS x Female Flare



Size	Carton PCS/WT	Price
3/4"	25/19	$30.48
3/4" x 1/2"	25/14	$34.08
3/4" x 1"	25/23	$38.05
1"	25/26	$44.78
1" x 3/4"	25/30	$35.52
1" x 1 1/4"	20/30	$51.88
1" x 1 1/2"	10/16	$85.73
1 1/4"	10/18	$74.25
1 1/4" x 3/4"	25/38	$55.25
1 1/4" x 1"	15/24	$75.40
1 1/4" x 2"	10/29	$135.84
1 1/2"	10/25	$94.07
1 1/2" x 2"	10/35	$161.62
2"	6/23	$161.38

74755-22

-22 CTS x Female Flare



Size	Carton PCS/WT	Price
1/2" x 3/4"	25/15	$33.07
3/4"	25/15	$30.48
3/4" x 1/2"	25/14	$34.08
3/4" x 1"	25/19	$38.00
1"	25/21	$44.78
1" x 3/4"	25/25	$35.52
1" x 1 1/4"	20/26	$52.72
1" x 1 1/2"	10/16	$85.73
1" x 2"	10/24	$118.89
1 1/4"	10/16	$74.25
1 1/4" x 1"	15/24	$75.40
1 1/4" x 1 1/2"	10/20	$102.16
1 1/4" x 2"	10/29	$135.84
1 1/2"	10/25	$103.49
1 1/2" x 2"	10/35	$161.62
2"	6/25	$161.38

74755Q

Q CTS x Female Flare



Size	Carton PCS/WT	Price
3/4"	25/16	$30.48
3/4" x 1/2"	25/15	$34.08
3/4" x 1"	25/21	$38.00
1"	25/25	$44.78
1" x 3/4"	25/29	$35.52
1" x 1 1/4"	20/29	$51.88
1" x 1 1/2"	10/17	$85.73
1 1/4"	10/17	$74.25
1 1/4" x 3/4"	25/38	$55.25
1 1/4" x 1"	15/25	$75.40
1 1/4" x 2"	10/29	$135.84
1 1/2"	10/22	$103.49
1 1/2" x 2"	10/31	$161.62
2"	6/21	$161.38

OPTIONS

See page 9 for pricing of the following:

- For Handyloc - Replace "Q" with "H" or "-3Q" with "-3H" in 3/4" & 1" **only**.
- For C903 tube - Replace "Q" with "K". On "Q" Series options only 3/4" & 1" **only**.
- For valve or fitting less flare nut add "L" to end of model number.
- CTS Anode (QA) & Flare Anode (A) - Replace "Q" with "QA" or add "A" to flare.
- Insert stiffeners are **required** on all flexible plastic connections. (See page 24 for stiffeners)

Straight Adaptors

ONE END FEMALE COPPER FLARE

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The 74755 series fittings are designed to connect any A.Y. McDonald flare end to a different size or end connection.

- Note: 4755GSKT copper gasket included with all 74755 connections.

74755T

T CTS x Female Flare



Size	Carton PCS/WT	Price
3/4"	25/17	$30.48
3/4" x 1/2"	25/15	$34.08
3/4" x 1"	25/21	$38.00
1"	25/25	$44.78
1" x 3/4"	25/27	$35.52
1" x 1 1/4"	20/34	$52.72
1" x 1 1/2"	10/16	$85.73
1" x 2"	10/23	$118.89
1 1/4"	10/24	$74.25
1 1/4" x 1"	15/22	$75.40
1 1/4" x 1 1/2"	10/20	$102.16
1 1/4" x 2"	10/28	$135.84
1 1/2"	10/21	$103.49
1 1/2" x 2"	10/30	$161.62
2"	6/29	$161.38

74755-33

-33 PEP-7 x Female Flare



Size	Carton PCS/WT	Price
3/4"	25/26	$36.99
1"	15/24	$59.70
1" x 1 1/4"	25/34	$53.04
1" x 3/4"	10/17	$74.25
1 1/4"	10/28	$85.28
1 1/2"	10/33	$132.21
2"	6/27	$228.37

74755-3G

-3G PEP x Female Flare



Size	Carton PCS/WT	Price
3/4"	25/30	$36.99
1"	15/25	$59.70
1" x 3/4"	25/35	$53.04
1" x 1 1/4"	10/19	$74.25

74755-3Q

-3Q PEP x Female Flare



Size	Carton PCS/WT	Price
3/4"	25/30	$36.99
1"	15/24	$59.70
1" x 3/4"	25/35	$53.04
1" x 1 1/4"	10/18	$74.25

74755-34

-34 PEP-9 x Female Flare

Size	Carton PCS/WT	Price
3/4"	25/26	$36.99
1"	15/24	$59.70
1" x 1 1/4"	25/34	$53.04
1" x 3/4"	10/17	$74.25
1 1/4"	10/28	$85.28
1 1/2"	10/33	$132.21
2"	6/27	$228.37

74755-44

-44 PVC x Female Flare



Size	Carton PCS/WT	Price
3/4"	25/25	$36.99
1"	15/24	$59.70
1" x 3/4"	25/38	$55.25
1" x 1 1/4"	10/18	$74.25
1" x 2"	10/28	$135.84
1 1/4"	20/34	$85.28
1 1/2"	10/20	$127.30
2"	6/28	$198.03

74755-55

-55 IP x Female Flare



Size	Carton PCS/WT	Price
3/4"	25/25	$37.05
1"	15/25	$61.96
1" x 3/4"	25/38	$55.25
1" x 1 1/4"	10/18	$74.25
1" x 2"	10/28	$135.84
1 1/2"	10/20	$143.58
2"	6/28	$205.31

4755GSKT

Copper Gasket for 74755 Connection

Size	Carton PCS/WT	Price
1/2"	25/1	$2.21
3/4"	25/1	$2.21
1"	25/1	$3.13
1 1/4"	10/1	$3.55
1 1/2"	10/1	$5.03
2"	10/1	$6.36

76130CC

Female Flare x Copper Tube Compression Coupling



Size	Carton PCS/WT	Price
3/4"	40/20	$30.00
1"	40/30	$42.47

76130CE

Female Flare x CTS PE Compression Coupling includes Stiffener



Size	Carton PCS/WT	Price
3/4"	40/19	$30.00
1"	40/31	$42.47

74660

Female Flare x PEP Barb

Size	Carton PCS/WT	Price
3/4"	50/21	$20.47
1"	50/30	$33.10
2	12/30	$124.02

74660F

FNPT x PEP Barb

Size	Carton PCS/WT	Price
1"	50/39	$25.23

OPTIONS

See page 9 for pricing of the following:

- For Handyloc - Replace "Q" with "H" or "-3Q" with "-3H" in 3/4" & 1" **only**.
- For C903 tube - Replace "Q" with "K". On "Q" Series options only 3/4" & 1" **only**.
- For valve or fitting less flare nut add "L" to end of model number.
- CTS Anode (QA) & Flare Anode (A) - Replace "Q" with "QA" or add "A" to flare.
- Insert stiffeners are **required** on all flexible plastic connections. (See page 24 for stiffeners)

Straight Couplings

SAME CONNECTIONS ON BOTH ENDS - NO INTERNAL PIPE STOP ON STRAIGHT SIZES

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74758
Flare x Flare



Size	Carton PCS/WT	Price
1/2"	50/28	$33.71
1/2" x 3/4"	50/45	$25.97
3/4"	25/25	$30.06
3/4" x 1"	25/39	$44.56
1"	25/42	$52.67
1 1/4"	10/33	$108.06
1 1/2"	6/30	$158.10
2"	4/33	$257.99

74758-22
-22 CTS x -22 CTS



Size	Carton PCS/WT	Price
1/2"	50/32	$34.10
1/2" x 3/4"	25/19	$33.38
3/4"	25/20	$32.60
3/4" x 1"	25/24	$37.88
3/4" x 1 1/4"	15/24	$70.39
13/16	25/20	$50.19
13/16 x 3/4"	25/19	$41.40
1"	25/28	$37.30
1" x 1 1/4"	15/27	$60.21
1" x 1 1/2"	15/30	$89.17
1 1/4"	10/19	$64.39
1 1/4" x 1 1/2"	10/24	$103.35
1 1/4" x 2"	10/32	$129.42
1 1/2"	10/27	$124.80
1 1/2" x 2"	10/32	$135.98
2"	5/20	$168.53
2 1/2"	4/21	$249.53

74758G
G CTS x G CTS



Size	Carton PCS/WT	Price
3/4"	25/28	$32.60
3/4" x 1"	25/33	$37.88
3/4" x 1 1/4"	25/42	$70.39
1"	25/40	$37.30
1" x 1 1/4"	15/32	$60.21
1" x 1 1/2"	15/33	$89.17
1 1/4"	10/22	$64.39
1 1/4" x 1 1/2"	10/24	$103.35
1 1/2"	10/29	$124.80
2"	10/40	$168.53

74758Q
Q CTS x Q CTS



Size	Carton PCS/WT	Price
3/4"	25/23	$32.60
3/4" x 1"	25/29	$37.88
3/4" x 1 1/4"	25/42	$70.39
1"	25/36	$37.30
1" x 1 1/4"	15/30	$60.21
1" x 1 1/2"	15/27	$89.17
1 1/4"	10/20	$64.39
1 1/4" x 1 1/2"	10/21	$103.35
1 1/2"	10/24	$124.80
2"	10/31	$168.53

74758T
T CTS x T CTS



Size	Carton PCS/WT	Price
3/4"	25/23	$32.60
3/4" x 1"	25/28	$37.88
3/4" x 1 1/4"	15/23	$70.39
1"	25/33	$37.30
1" x 1 1/4"	15/28	$60.21
1" x 1 1/2"	15/25	$89.17
1 1/4"	10/20	$64.39
1 1/4" x 1 1/2"	10/18	$103.35
1 1/2"	10/21	$124.80
1 1/2" x 2"	10/22	$135.98
2"	10/30	$168.53

74758QC
Q CTS x Q CTS



Size	Carton PCS/WT	Price
1/2"	25/24	$34.06
1/2" x 5/8"	25/22	$37.48
1/2" x 3/4"	25/24	$33.38
5/8"	25/20	$41.01
5/8" x 3/4"	25/22	$32.25

Not interchangeable with any
A.Y. McDonald compression system

74758-33
-33 PEP-7 x -33 PEP-7



Size	Carton PCS/WT	Price
3/4"	25/31	$40.73
3/4" x 1"	15/27	$63.01
3/4" x 2"	10/38	$134.97
1"	10/18	$81.37
1" x 1 1/2"	10/28	$129.42
1 1/4"	5/18	$115.07
1 1/2"	5/22	$177.28
2"	4/19	$238.90

74758-3G
-3G PEP x -3G PEP



Size	Carton PCS/WT	Price
3/4"	25/41	$40.73
3/4" x 1"	15/33	$63.01
1"	10/24	$81.37

74758-3Q
-3Q PEP x -3Q PEP



Size	Carton PCS/WT	Price
3/4"	25/36	$40.73
3/4" x 1"	15/30	$63.01
1"	10/21	$81.37

74758-34
-34 PEP-9 x -34 PEP-9



Size	Carton PCS/WT	Price
3/4"	25/31	$40.73
3/4" x 1"	15/27	$63.01
3/4" x 2"	10/38	$134.97
1"	10/18	$81.37
1" x 1 1/2"	10/28	$129.42
1 1/4"	5/18	$115.07
1 1/2"	5/22	$177.28
2"	4/19	$238.90

OPTIONS

See page 9 for pricing of the following:

- For Handyloc - Replace "Q" with "H" or "-3Q" with "-3H" in 3/4" & 1" **only**.
- For C903 tube - Replace "Q" with "K". On "Q" Series options only 3/4" & 1" **only**.
- For valve or fitting less flare nut add "L" to end of model number.
- CTS Anode (QA) & Flare Anode (A) - Replace "Q" with "QA" or add "A" to flare.
- Insert stiffeners are **required** on all flexible plastic connections. (See page 24 for stiffeners)

Straight Couplings

SAME CONNECTIONS ON BOTH ENDS - NO INTERNAL PIPE STOP ON STRAIGHT SIZES

A.Y. McDonald Service Fittings are manufactured to meet or exceed the AWWA C800 (latest revision) standard. Our service fittings are rated to withstand the same pressures as the tubing they are designed to fit. They are designed and tested for cold potable water only. EPDM rubber gaskets are used in our Compression fittings.

74758-44

-44 PVC x -44 PVC



Size	Carton PCS/WT	Price
1/2"	25/21	$32.60
3/4"	25/30	$47.61
3/4" x 1"	15/27	$64.98
3/4" x 1 1/2"	15/33	$102.77
3/4" x 2"	10/40	$138.47
1"	10/19	$80.86
1 1/4"	10/26	$116.01
1 1/2"	5/15	$157.79
2"	4/20	$238.68

74758-55

-55 IP x -55 IP



Size	Carton PCS/WT	Price
3/4"	25/26	$35.91
3/4" x 1"	15/27	$46.35
3/4" x 2"	10/38	$96.24
1"	10/20	$63.39
1 1/2"	5/16	$123.67
2"	4/20	$162.80

LEAD X LEAD

74758-66

-66 Strong Lead x
-66 Strong Lead



Size	Carton PCS/WT	Price
5/8"	25/30	$54.75
3/4"	25/25	$54.75
1"	10/18	$114.51

74758-67

-67 XStrong Lead x
-67 XStrong Lead



Size	Carton PCS/WT	Price
1/2"	25/20	$32.60
5/8"	25/33	$40.73
3/4"	25/39	$66.99
1"	10/23	$126.02
1 1/4"	5/18	$115.07

74758-68

-68 XXStrong Lead x
-68 XXStrong Lead



Size	Carton PCS/WT	Price
1/2"	25/30	$54.75
5/8"	25/25	$54.75
3/4"	10/21	$81.37

FAST CONNECT FITTINGS
Patented

74756-CTS

Fast Connect Fitting



Size	Carton PCS/WT	Price
3/4"	25/15	$32.60
3/4" x 1"	25/23	$37.88
1"	25/27	$37.30
1 1/4"	20/32	$64.39
1 1/2"	10/17	$124.80
2"	10/27	$168.53

74756-PEP

Fast Connect Fitting



Size	Carton PCS/WT	Price
3/4"	25/28	$40.73
1"	20/33	$81.37

OPTIONS

See page 9 for pricing of the following:

- For Handyloc - Replace "Q" with "H" or "-3Q" with "-3H" in 3/4" & 1" **only**.
- For C903 tube - Replace "Q" with "K". On "Q" Series options only 3/4" & 1" **only**.
- For valve or fitting less flare nut add "L" to end of model number.
- CTS Anode (QA) & Flare Anode (A) - Replace "Q" with "QA" or add "A" to flare.
- Insert stiffeners are **required** on all flexible plastic connections. (See page 24 for stiffeners)

Straight Couplings

SAME CONNECTIONS ON BOTH ENDS - NO INTERNAL PIPE STOP ON STRAIGHT SIZES

A.Y. McDonald Service Fittings are manufactured to meet or exceed the AWWA C800 (latest revision) standard. Our service fittings are rated to withstand the same pressures as the tubing they are designed to fit. They are designed and tested for cold potable water only. EPDM rubber gaskets are used in our Compression fittings.

74756 Two Part Union

Flare x Flare

Size	Carton PCS/WT	Price
3/4"	50/32	$26.48
1"	25/26	$41.02
1 1/4"	20/43	$74.52
1 1/2"	10/25	$98.91
2"	6/26	$191.24

74756WR

Wedding Ring for Two Part Union

Size	Carton PCS/WT	Price
3/4"	50/2	$5.16
1"	50/5	$5.97
1 1/4"	50/6	$7.43
1 1/2"	50/19	$9.49
2"	50/24	$18.13

74758REP-22



-22 CTS x -22 CTS

Size	Carton PCS/WT	Price
3/4" x 4.75	10/13	$53.85
1" x 4.75	10/17	$61.58
1 1/4" x 4.75	10/27	$92.11

74758REPT

T CTS x T CTS

Size	Carton PCS/WT	Price
3/4" x 4.75	10/14	$53.85
1" x 4.75	10/18	$61.58
1 1/4" x 4.75	10/26	$92.11

74758REP-44

-44 PVC x -44 PVC

Size	Carton PCS/WT	Price
3/4" x 4.75	10/17	$71.89
1" x 4.75	10/25	$108.58

74758REPG

G CTS x G CTS

Size	Carton PCS/WT	Price
3/4" x 4.75	10/16	$53.85
1" x 4.75	10/21	$61.58
1 1/4" x 4.75	10/32	$92.11

74758REP-33

-33 PEP x -33 PEP

Size	Carton PCS/WT	Price
3/4" x 4.75	25/41	$65.00
1" x 4.75	10/6	$109.09

74758REP-3G

-3G PEP x -3G PEP

Size	Carton PCS/WT	Price
3/4" x 4.75	25/47	$65.00
1" x 4.75	10/28	$109.09

74758REPQ

Q CTS x Q CTS

Size	Carton PCS/WT	Price
3/4" x 4.75	10/14	$53.85
1" x 4.75	10/19	$61.58
1 1/4" x 4.75	10/26	$92.11

74758REP-34

-34 PEP-9 x -34 PEP-9

Size	Carton PCS/WT	Price
3/4" x 4.75	25/41	$65.00
1" x 4.75	10/6	$109.09

74758REP-3Q

-3Q PEP x -3Q PEP

Size	Carton PCS/WT	Price
3/4" x 4.75	25/47	$65.00
1" x 4.75	10/28	$109.09

74758REP-55

-55 IP x -55 IP

Size	Carton PCS/WT	Price
3/4" x 4.75	10/17	$60.18
1" x 4.75	10/27	$91.77

OPTIONS

See page 9 for pricing of the following:

- For Handyloc - Replace "Q" with "H" or "-3Q" with "-3H" in 3/4" & 1" **only**.
- For C903 tube - Replace "Q" with "K". On "Q" Series options only 3/4" & 1" **only**.
- For valve or fitting less flare nut add "L" to end of model number.
- CTS Anode (QA) & Flare Anode (A) - Replace "Q" with "QA" or add "A" to flare.
- Insert stiffeners are **required** on all flexible plastic connections. (See page 24 for stiffeners)

Straight Couplings

ONE END FLARE NUT

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74758C-22

Flare x -22 CTS



Size	Carton PCS/WT	Price
3/4"	25/22	$44.88
3/4" x 1"	25/30	$46.75
1"	25/36	$72.62
1" x 3/4"	25/35	$59.69
1" x 1 1/4"	15/31	$88.48

74758CG

Flare x G CTS



Size	Carton PCS/WT	Price
3/4"	25/22	$44.88
3/4" x 1"	25/34	$46.75
1"	25/36	$72.62
1" x 3/4"	25/40	$59.69
1" x 1 1/4"	15/35	$88.48

74758CQ

Flare x Q CTS



Size	Carton PCS/WT	Price
3/4"	25/24	$44.88
3/4" x 1"	25/33	$46.75
1"	25/39	$72.62
1" x 3/4"	25/37	$59.69
1" x 1 1/4"	15/31	$88.48

74758CT

Flare x T CTS



Size	Carton PCS/WT	Price
3/4"	25/24	$44.88
3/4" x 1"	25/32	$46.75
1"	25/38	$72.62
1" x 3/4"	25/35	$59.69
1" x 1 1/4"	15/34	$88.48

74758CU4

Flare x U4

Size	Carton PCS/WT	Price
3/4"	4/16	$122.43
1"	4/14	$126.73

74758C-33

Flare x -33 PEP-7



Size	Carton PCS/WT	Price
3/4"	25/32	$46.93
1"	15/30	$76.63
1" x 3/4"	25/37	$69.84
1" x 2"	10/38	$184.77

74758C-3G

Flare x -3G PEP



Size	Carton PCS/WT	Price
3/4"	25/32	$46.93
1"	15/30	$76.68
1" x 3/4"	25/48	$69.84
1" x 2"	10/38	$184.77

74758C-3Q

Flare x -3Q PEP



Size	Carton PCS/WT	Price
3/4"	25/32	$46.93
1"	15/31	$72.71
1" x 3/4"	25/48	$69.84
1" x 2"	10/38	$184.77

74758C-34

Flare x -34 PEP-9



Size	Carton PCS/WT	Price
1"	25/32	$46.93
3/4"	15/30	$76.63
1" x 3/4"	25/48	$69.84
1" x 2"	10/38	$184.77

74758C-44

Flare x -44 PVC



Size	Carton PCS/WT	Price
3/4"	25/32	$49.16
1"	15/30	$86.69
1" x 3/4"	25/37	$77.01
1" x 2"	10/41	$183.25

74758C-55

Flare x -55 IP



Size	Carton PCS/WT	Price
3/4"	25/28	$46.08
1"	15/32	$74.03
1" x 3/4"	25/35	$65.79
1" x 2"	10/40	$155.32

FLARE X LEAD

74758C-66

Flare x -66 Strong Lead



Size	Carton PCS/WT	Price
3/4"	25/29	$50.12
3/4" x 5/8"	25/32	$51.33
1"	15/27	$104.46
1" x 5/8"	25/37	$77.49
1" x 3/4"	25/34	$87.87

74758C-67

Flare x -67 XStrong Lead



Size	Carton PCS/WT	Price
3/4"	25/29	$59.23
3/4" x 1/2	25/22	$44.88
3/4" x 5/8"	25/32	$46.93
1"	15/27	$74.47
1" x 5/8"	25/37	$55.05
1" x 3/4"	25/43	$84.69

74758C-68

Flare x -68 XXStrong Lead



Size	Carton PCS/WT	Price
3/4"	15/25	$69.82
3/4" x 1/2	25/32	$51.33
3/4" x 5/8"	25/29	$50.12
1"	15/31	$94.21
1" x 1/2"	25/37	$86.27
1" x 5/8"	25/36	$87.87
1" x 3/4"	15/30	$84.69

OPTIONS

See page 9 for pricing of the following:

- For Handyloc - Replace "Q" with "H" or "-3Q" with "-3H" in 3/4" & 1" **only**.
- For C903 tube - Replace "Q" with "K". On "Q" Series options only 3/4" & 1" **only**.
- For valve or fitting less flare nut add "L" to end of model number.
- CTS Anode (QA) & Flare Anode (A) - Replace "Q" with "QA" or add "A" to flare.
- Insert stiffeners are **required** on all flexible plastic connections. (See page 24 for stiffeners)

Straight Couplings

CONNECTIONS FOR DISSIMILAR PIPE OR TUBING

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74758-22-33



-22 CTS x -33 PEP-7

Size	Carton PCS/WT	Price
3/4"	25/24	$38.98
3/4" x 1"	15/24	$61.55
1"	15/28	$58.87
1" x 3/4"	25/30	$40.65
1" x 1 1/4"	15/36	$101.57
1" x 2"	10/36	$128.61
1 1/4" x 1"	10/19	$58.54
1 1/2"	10/32	$171.67
1 1/2" x 1 1/4"	5/19	$149.28
2"	4/19	$200.47
2" x 1"	10/32	$129.42

74758-22-34



-22 CTS x -34 PEP-9

Size	Carton PCS/WT	Price
3/4"	25/24	$38.98
3/4" x 1"	15/24	$61.55
1"	15/28	$58.87
1" x 3/4"	25/30	$40.65
1" x 1 1/4"	15/36	$101.57
1" x 2"	10/36	$128.61
1 1/4" x 1"	10/19	$58.54
1 1/2"	10/32	$171.67
1 1/2" x 1 1/4"	5/19	$149.28
2"	4/19	$200.47
2" x 1"	10/32	$129.42

74758-22-44



-22 CTS x -44 PVC

Size	Carton PCS/WT	Price
1/2"	25/19	$37.44
3/4"	25/24	$44.06
3/4" x 1/2"	25/20	$32.60
3/4" x 1"	15/24	$61.69
1"	15/27	$63.68
1" x 3/4"	25/30	$46.52
1" x 1 1/4"	15/38	$97.45
1" x 2"	10/41	$128.61
1 1/4"	10/23	$163.29
1 1/4" x 1"	10/19	$58.54
1 1/2"	5/18	$171.74
2"	4/20	$200.47
2" x 1"	10/32	$129.42

74758-22-55

-22 CTS x -55 IP

Size	Carton PCS/WT	Price
3/4"	25/23	$36.10
3/4" x 1"	15/24	$49.79
1"	15/28	$48.43
1" x 3/4"	25/28	$40.58
1" x 2"	10/39	$108.76
1 1/4" x 1"	10/19	$58.54
1 1/2"	5/18	$161.46
2"	4/19	$175.42
2" x 1"	10/32	$129.42

74758REP-22-33

-22 CTS x -33 PEP-7

Size	Carton PCS/WT	Price
1" x 3/4" x 4.75	25/41	$64.92
1 1/4" x 1" x 4.75	15/23	$86.26

74758REPG-3G

G CTS x -3G PEP-7

Size	Carton PCS/WT	Price
1" x 3/4" x 4.75	25/41	$64.92
1 1/4" x 1" x 4.75	15/23	$86.26

74758REPQ-3Q

Q CTS x -3Q PEP-7

Size	Carton PCS/WT	Price
1" x 3/4" x 4.75	25/41	$64.92
1 1/4" x 1" x 4.75	15/23	$86.26

CTS X LEAD

74758-22-66



-22 CTS x -66 Strong Lead

Size	Carton PCS/WT	Price
3/4"	25/25	$60.12
3/4" x 5/8"	25/28	$54.96
1"	15/23	$111.35
1" x 3/4"	25/27	$56.01
1 1/4" x 1"	10/20	$68.07

74758-22-67



-22 CTS x -67 X Strong Lead

Size	Carton PCS/WT	Price
3/4"	25/26	$68.25
3/4" x 1/2"	25/21	$32.60
3/4" x 5/8"	25/26	$38.98
3/4" x 1"	15/21	$105.78
1"	15/22	$108.92
1" x 5/8"	25/31	$40.65
1" x 3/4"	25/37	$86.41
1" x 1 1/4"	15/36	$137.23
1 1/4" x 1"	10/20	$65.61
1 1/2"	10/32	$175.68
1 1/2" x 1 1/4"	5/19	$149.28
2"	4/20	$283.80

74758-22-68



-22 CTS x -68 XX Strong Lead

Size	Carton PCS/WT	Price
3/4"	15/23	$61.55
3/4" x 1/2"	25/29	$54.96
3/4" x 5/8"	25/25	$60.12
3/4" x 1"	15/24	$102.87
1"	15/26	$99.87
1" x 5/8"	25/27	$56.01
1" x 3/4"	15/26	$86.41
1 1/4" x 1"	10/20	$56.57

OPTIONS

See page 9 for pricing of the following:

- For Handyloc - Replace "Q" with "H" or "-3Q" with "-3H" in 3/4" & 1" **only**.
- For C903 tube - Replace "Q" with "K". On "Q" Series options only 3/4" & 1" **only**.
- For valve or fitting less flare nut add "L" to end of model number.
- CTS Anode (QA) & Flare Anode (A) - Replace "Q" with "QA" or add "A" to flare.
- Insert stiffeners are **required** on all flexible plastic connections. (See page 24 for stiffeners)

Straight Couplings

CONNECTIONS FOR DISSIMILAR PIPE OR TUBING

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74758G-22
- G CTS x -22 CTS



Size	Carton PCS/WT	Price
3/4" x 1/2"	25/22	$33.38

74758G-33
- G CTS x -33 PEP-7



Size	Carton PCS/WT	Price
3/4"	25/29	$38.98
3/4" x 1"	15/25	$61.55
1"	15/30	$58.87
1" x 3/4"	25/30	$40.65
1" x 2"	10/36	$128.61
2"	4/19	$200.47

74758G-3G
- G CTS x -3G PEP



Size	Carton PCS/WT	Price
3/4"	25/34	$38.98
3/4" x 1"	15/28	$61.55
1"	15/32	$58.87
1" x 3/4"	25/30	$40.65

74758G-3Q
- G CTS x -3Q PEP



Size	Carton PCS/WT	Price
3/4"	25/34	$38.98
3/4" x 1"	15/28	$61.55
1"	15/30	$58.87
1" x 3/4"	25/30	$40.65

74758G-44
G CTS x -44 PVC



Size	Carton PCS/WT	Price
3/4"	25/29	$44.06
3/4"x 1/2"	25/24	$32.60
3/4" x 1"	15/26	$61.69
1"	15/29	$63.68
1" x 3/4"	25/36	$46.54
1" x 1 1/2"	15/35	$113.04
1" x 2"	15/35	$131.53
1 1/4"	10/41	$163.29
2"	10/24	$200.47

74758G-55
G CTS x -55 IP



Size	Carton PCS/WT	Price
3/4"	25/25	$36.08
3/4" x 1"	15/26	$49.79
1"	15/30	$48.43
1" x 3/4"	25/33	$40.58
1" x 2"	15/35	$113.04
2"	4/19	$175.42

CTS X LEAD

74758G-67
G CTS x -67 X Strong Lead



Size	Carton PCS/WT	Price
3/4"	25/29	$68.25
1"	15/26	$108.92

74758G-68
G CTS x -68 XX Strong Lead



Size	Carton PCS/WT	Price
3/4"	15/26	$61.55

OPTIONS

See page 9 for pricing of the following:

- For Handyloc - Replace "Q" with "H" or "-3Q" with "-3H" in 3/4" & 1" **only**.
- For C903 tube - Replace "Q" with "K". On "Q" Series options only 3/4" & 1" **only**.
- For valve or fitting less flare nut add "L" to end of model number.
- CTS Anode (QA) & Flare Anode (A) - Replace "Q" with "QA" or add "A" to flare.
- Insert stiffeners are **required** on all flexible plastic connections. (See page 24 for stiffeners)

Straight Couplings

CONNECTIONS FOR DISSIMILAR PIPE OR TUBING

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74758Q-22

Q CTS x -22 CTS



Size	Carton PCS/WT	Price
3/4" x 1/2"	25/19	$33.38
3/4" x 1"	25/30	$37.88

74758Q-33

Q CTS x -33 PEP



Size	Carton PCS/WT	Price
3/4"	25/25	$38.98
3/4" x 1"	15/24	$61.55
1"	15/29	$58.87
1" x 3/4"	25/36	$43.87
1" x 2"	10/37	$131.53
2"	4/17	$200.47

74758Q-3Q

Q CTS x -3Q PEP



Size	Carton PCS/WT	Price
3/4"	25/29	$44.90
3/4" x 1"	25/40	$61.55
1"	15/29	$58.87
1" x 3/4"	25/36	$43.87

74758Q-34

Q CTS x -34 PEP-9



Size	Carton PCS/WT	Price
3/4"	25/28	$38.98
3/4" x 1"	25/265	$61.55
1"	15/29	$58.87
1" x 3/4"	25/36	$43.87

74758Q-44

Q CTS x -44 PVC



Size	Carton PCS/WT	Price
3/4"	25/26	$44.06
3/4" x 1/2"	25/22	$32.60
3/4" x 1"	15/24	$61.69
1"	15/29	$63.68
1" x 1 1/4"	25/33	$67.88
1" x 1 1/2"	15/40	$113.04
1" x 3/4"	15/36	$46.52
1" x 2"	10/24	$131.53
1 1/4"	10/41	$163.29
2"	4/19	$200.47

74758Q-55

Q CTS x -55 IP



Size	Carton PCS/WT	Price
3/4"	25/24	$36.10
3/4" x 1"	15/24	$49.79
1"	15/29	$48.43
1" x 3/4"	25/31	$40.58
1" x 2"	10/39	$108.76
2"	4/17	$175.42

74758REPQ-3Q

Q CTS x -3Q PEP

Size	Carton PCS/WT	Price
1" x 3/4" x 4.75	25/47	$68.15
1 1/4" x 1" x 4.75	25/40	$86.26

CTS X LEAD

74758Q-66

Q CTS x -66 Strong Lead



Size	Carton PCS/WT	Price
3/4"	25/26	$60.12
1"	15/23	$111.35

74758Q-67

Q CTS x -67 X Strong Lead



Size	Carton PCS/WT	Price
3/4" x 1/2"	25/21	$32.60
3/4" x 5/8"	25/27	$38.98
3/4"	25/27	$68.25
1"	15/25	$108.92

74758Q-68

Q CTS x -68 XX Strong Lead



Size	Carton PCS/WT	Price
3/4"	15/25	$61.55
3/4" x 5/8"	25/28	$60.12
1"	15/28	$99.87

74758T-22

T CTS x -22 CTS



Size	Carton PCS/WT	Price
3/4"	25/21	$32.60
3/4" x 1/2"	25/20	$33.38
1"	25/31	$37.30
2"	10/38	$168.53
2" x 1 /2"	10/25	$135.98

74758T-33

T CTS x -33 PEP-7



Size	Carton PCS/WT	Price
3/4"	25/27	$38.98
3/4" x 1"	15/24	$61.55
1"	15/25	$58.87
1" x 3/4"	25/33	$40.65
1"x 2"	10/36	$128.61
1 1/2"	10/32	$171.67
2"	4/17	$200.47

74758T-3G

T CTS X -3G PEP

Size	Carton PCS/WT	Price
3/4"	25/27	$38.98
1"	15/31	$58.87

74758T-34

T CTS X -34 PEP-9



Size	Carton PCS/WT	Price
3/4"	25/27	$38.98
3/4" x 1"	15/24	$61.55
1"	15/25	$58.87
1" x 3/4"	25/33	$40.65
1"x 2"	10/36	$128.61
1 1/2"	10/32	$171.67
2"	4/17	$200.47

OPTIONS

See page 9 for pricing of the following:

- For Handyloc - Replace "Q" with "H" or "-3Q" with "-3H" in 3/4" & 1" **only**.
- For C903 tube - Replace "Q" with "K". On "Q" Series options only 3/4" & 1" **only**.
- For valve or fitting less flare nut add "L" to end of model number.
- CTS Anode (QA) & Flare Anode (A) - Replace "Q" with "QA" or add "A" to flare.
- Insert stiffeners are **required** on all flexible plastic connections. (See page 24 for stiffeners)

Straight Couplings

CONNECTIONS FOR DISSIMILAR PIPE OR TUBING

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74758T-44

T CTS x -44 PVC



Size	Carton PCS/WT	Price
3/4"	25/28	$44.06
3/4" x 1/2"	25/23	$32.60
3/4" x 1"	15/25	$61.69
1"	15/28	$63.68
1" x 3/4"	25/32	$46.52
1" x 1 1/4"	10/30	$97.45
1"x 2"	10/40	$128.61
1 1/4"	10/21	$163.29
1 1/2"	5/16	$171.74
2"	4/19	$200.47

74758T-55

T CTS x -55 IP



Size	Carton PCS/WT	Price
3/4"	25/24	$36.10
3/4" x 1"	15/24	$49.85
1"	15/29	$48.43
1" x 3/4"	25/30	$40.58
1"x 2"	10/39	$108.76
1 1/2"	5/16	$161.45
2"	4/17	$175.42

CTS X LEAD

74758T-67

T CTS x -67 X Strong Lead



Size	Carton PCS/WT	Price
3/4"	25/27	$68.25
3/4" x 5/8"	25/27	$38.98

74758T-68

T CTS x -68 XX Strong Lead



Size	Carton PCS/WT	Price
3/4" x 1/2"	25/34	$54.96
3/4" x 5/8"	25/25	$60.12

74758-33-44

-33 PEP-7 x -44 PVC



Size	Carton PCS/WT	Price
3/4"	25/31	$49.85
3/4" x 1"	15/27	$66.14
3/4" x 2"	10/49	$138.47
1"	10/21	$81.37
1" x 3/4"	15/29	$66.14
1 1/4"	5/19	$102.95
1 1/4" x 1 1/2"	5/15	$166.79
2"	4/23	$238.81

74758-34-44

-34 PEP-9 x -44 PVC



Size	Carton PCS/WT	Price
3/4"	25/31	$49.85
3/4" x 1"	15/27	$66.14
3/4" x 2"	10/49	$138.47
1"	10/21	$81.37
1" x 3/4"	15/29	$66.14
1 1/4"	5/19	$102.95
1 1/4" x 1 1/2"	5/15	$166.79
2"	4/23	$238.81

74758-33-55

-33 PEP-7 x -55 IP



Size	Carton PCS/WT	Price
3/4"	25/29	$44.34
3/4" x 1"	15/27	$66.14
3/4" x 2"	10/40	$96.24
1"	10/21	$73.91
1" x 3/4"	15/26	$62.03

74758-34-55

-34 PEP-9 x -55 IP



Size	Carton PCS/WT	Price
3/4"	25/29	$44.34
3/4" x 1"	15/27	$66.14
3/4" x 2"	10/40	$96.24
1"	10/21	$73.91
1" x 3/4"	15/26	$62.03

PEP X LEAD

74758-33-66

-33 PEP-7 x -66 Strong Lead



Size	Carton PCS/WT	Price
3/4"	25/27	$38.98
3/4" x 5/8"	25/31	$38.98

74758-34-66

-34 PEP-9 x -66 Strong Lead



Size	Carton PCS/WT	Price
3/4"	25/27	$38.98
3/4" x 5/8"	25/31	$38.98

74758-33-67

-33 PEP-7 x -67 X Strong Lead



Size	Carton PCS/WT	Price
3/4" x 1/2"	25/24	$38.98
3/4" x 5/8"	25/34	$40.73
1 1/2"	5/25	$177.30

74758-34-67

-34 PEP-9 x -67 X Strong Lead



Size	Carton PCS/WT	Price
3/4" x 1/2"	25/24	$38.98
3/4" x 5/8"	25/34	$40.73
1 1/2"	5/25	$177.30

74758-33-68

-33 PEP-7 x -68 XX Strong Lead



Size	Carton PCS/WT	Price
3/4"	15/27	$63.01
3/4" x 5/8"	25/32	$38.98
3/4" x 1/2"	25/25	$51.85
1" x 3/4"	10/19	$81.37

74758-34-68

-34 PEP-9 x -68 XX Strong Lead



Size	Carton PCS/WT	Price
3/4"	15/27	$63.01
3/4" x 5/8"	25/32	$38.98
3/4" x 1/2"	25/25	$51.85
1" x 3/4"	10/19	$81.37

OPTIONS

See page 9 for pricing of the following:

- For Handyloc - Replace "Q" with "H" or "-3Q" with "-3H" in 3/4" & 1" **only**.
- For C903 tube - Replace "Q" with "K". On "Q" Series options only 3/4" & 1" **only**.
- For valve or fitting less flare nut add "L" to end of model number.
- CTS Anode (QA) & Flare Anode (A) - Replace "Q" with "QA" or add "A" to flare.
- Insert stiffeners are **required** on all flexible plastic connections. (See page 24 for stiffeners)

Straight Couplings

CONNECTIONS FOR DISSIMILAR PIPE OR TUBING

A.Y. McDonald Service Fittings are manufactured to meet or exceed the AWWA C800 (latest revision) standard. Our service fittings are rated to withstand the same pressures as the tubing they are designed to fit. They are designed and tested for cold potable water only. EPDM rubber gaskets are used in our Compression fittings.

74758-3G-55

-3G PEP x -55 IP

Size	Carton PCS/WT	Price
3/4"	25/29	$44.34
1"	10/21	$73.91
1" x 3/4"	15/29	$62.03

74758-3Q-55

-3Q PEP x -55 IP

Size	Carton PCS/WT	Price
3/4"	25/29	$44.34
1"	10/21	$73.91
1" x 3/4"	15/29	$62.03

74758-3Q-44

-3Q PEP x -44 PVC



Size	Carton PCS/WT	Price
3/4"	25/29	$44.34
1"	10/20	$81.37
1" x 3/4"	15/29	$66.14

74758-44-55

-44 PVC x -55 IP



Size	Carton PCS/WT	Price
3/4"	25/29	$43.20
3/4" x 2"	10/40	$96.24
1"	15/29	$75.18
1" x 3/4"	15/24	$62.03
1 1/2"	5/25	$177.30
2"	4/21	$223.76

OPTIONS

See page 9 for pricing of the following:

- For Handyloc - Replace "Q" with "H" or "-3Q" with "-3H" in 3/4" & 1" **only**.
- For C903 tube - Replace "Q" with "K". On "Q" Series options only 3/4" & 1" **only**.
- For valve or fitting less flare nut add "L" to end of model number.
- CTS Anode (QA) & Flare Anode (A) - Replace "Q" with "QA" or add "A" to flare.
- Insert stiffeners are **required** on all flexible plastic connections. (See page 24 for stiffeners)

Straight Couplings with Internal Pipe Stop

SAME CONNECTION ON BOTH SIDES

A.Y. McDonald Service Fittings are manufactured to meet or exceed the AWWA C800 (latest revision) standard. Our service fittings are rated to withstand the same pressures as the tubing they are designed to fit. They are designed and tested for cold potable water only. EPDM rubber gaskets are used in our Compression fittings.

74759-22

-22 CTS x -22 CTS



Size	Carton PCS/WT	Price
1/2"	50/33	$40.08
3/4"	25/21	$32.60
1"	25/29	$37.30
1 1/2"	10/28	$124.80
2"	10/43	$168.53

74759T

T CTS x T CTS



Size	Carton PCS/WT	Price
3/4"	25/22	$32.60
3/4" x 1"	25/30	$36.32
1"	25/32	$37.30
1 1/2"	10/22	$124.80
2"	10/34	$168.53

74759-3Q

-3Q PEP x -3Q PEP



Size	Carton PCS/WT	Price
3/4"	25/37	$40.73

74759G

G CTS x G CTS



Size	Carton PCS/WT	Price
3/4"	25/37	$32.60
1"	25/29	$37.30
1 1/2"	10/28	$124.80
2"	10/43	$168.53

74759-33

-33 PEP-7 x -33 PEP-7



Size	Carton PCS/WT	Price
3/4"	25/32	$40.73

74759-44

-44 PVC x -44 PVC



Size	Carton PCS/WT	Price
3/4"	25/31	$47.61

74759-34

-34 PEP-9 x -34 PEP-9



Size	Carton PCS/WT	Price
3/4"	25/32	$40.73

74759Q

Q CTS x Q CTS



Size	Carton PCS/WT	Price
3/4"	25/23	$32.60
3/4" x 1"	25/30	$36.32
1"	25/35	$37.30
1 1/2"	10/24	$124.80
2"	10/32	$168.53

74759-3G

-3G PEP x -3G PEP



Size	Carton PCS/WT	Price
3/4"	25/32	$40.73

74759-55

-55 IP x -55 IP



Size	Carton PCS/WT	Price
3/4"	25/26	$35.91

OPTIONS

See page 9 for pricing of the following:

- For Handyloc - Replace "Q" with "H" or "-3Q" with "-3H" in 3/4" & 1" **only**.
- For C903 tube - Replace "Q" with "K". On "Q" Series options only 3/4" & 1" **only**.
- For valve or fitting less flare nut add "L" to end of model number.
- CTS Anode (QA) & Flare Anode (A) - Replace "Q" with "QA" or add "A" to flare.
- Insert stiffeners are **required** on all flexible plastic connections. (See page 24 for stiffeners)

Di-Electric Straight Assemblies

PREVENTS ELECTRICITY FROM PASSING THROUGH THE LINE

A.Y. McDonald Service Fittings are manufactured to meet or exceed the AWWA C800 (latest revision) standard. Our service fittings are rated to withstand the same pressures as the tubing they are designed to fit. They are designed and tested for cold potable water only. EPDM rubber gaskets are used in our Compression fittings.

74758DB
Flare x Flare



Size	Carton PCS/WT	Price
3/4"	25/34	$84.48
3/4" x 1"	25/45	$104.20
1"	25/58	$123.91
1 1/2"	4/17	$287.51
2"	4/46	$535.78

74758DB-22
-22 CTS x -22 CTS

Size	Carton PCS/WT	Price
3/4"	25/28	$76.73
1"	25/41	$99.19
1 1/2"	10/47	$233.14
2"	4/25	$366.17

74758DB-22-44
-22 CTS x -44 PVC



Size	Carton PCS/WT	Price
3/4"	15/19	$78.08
3/4" x 1"	25/45	$81.54
1"	15/34	$119.66
1" x 3/4"	25/34	$103.90
1 1/2"	10/42	$245.91
2"	4/26	$369.50

74755DB
Flare x Female Flare



Size	Carton PCS/WT	Price
3/4"	25/27	$63.89
3/4" x 1"	25/31	$79.41
1"	25/45	$94.92
1 1/2"	10/46	$221.07
2"	4/32	$388.14

74755DB-22
-22 CTS x Female Flare



Size	Carton PCS/WT	Price
3/4"	25/24	$69.14
1"	25/36	$95.54
1 1/2"	10/35	$230.37
2"	4/23	$364.69

74758DB-22-55
-22 CTS x -55 IP



Size	Carton PCS/WT	Price
3/4"	15/19	$78.08
3/4" x 1"	25/45	$81.54
1"	15/35	$119.66
1" x 3/4"	25/34	$103.90
1 1/2"	10/42	$245.91
2"	4/26	$369.50

74758DB-22-67
-22 CTS x -67 X Strong Lead

Size	Carton PCS/WT	Price
1"	15/30	$189.68
1" x 3/4"	15/23	$140.56

74758DBG
G CTS x G CTS



Size	Carton PCS/WT	Price
3/4"	25/32	$76.73
1"	25/53	$99.19

74755DBQ
Q CTS x Female Flare



Size	Carton PCS/WT	Price
3/4"	25/24	$69.14
1"	25/38	$95.54
1 1/2"	10/33	$230.37
2"	4/21	$364.69

74755DBT
T CTS x Female Flare



Size	Carton PCS/WT	Price
3/4"	25/25	$69.14
1"	25/38	$95.54
1 1/2"	10/32	$230.37
2"	4/21	$364.69

74758DBQ
Q CTS x Q CTS



Size	Carton PCS/WT	Price
3/4"	25/31	$76.73
1"	25/48	$99.19

74758DBQ-U4
Q CTS x U4

Size	Carton PCS/WT	Price
3/4" x U4	5/19	$193.90
1" x U4	5/18	$189.73

74758DBQ-U5
Q CTS x U5

Size	Carton PCS/WT	Price
1" x U5	5/20	$205.69

74758DBT
T CTS x T CTS



Size	Carton PCS/WT	Price
3/4"	25/30	$76.73
1"	25/45	$99.19
1 1/2"	10/32	$233.14
2"	4/20	$397.73

74779DBT Quarter Bend
T CTS x FNPT

Size	Carton PCS/WT	Price
2"	3/27	$451.69

OPTIONS

See page 9 for pricing of the following:

- For Handyloc - Replace "Q" with "H" or "-3Q" with "-3H" in 3/4" & 1" **only**.
- For C903 tube - Replace "Q" with "K". On "Q" Series options only 3/4" & 1" **only**.
- For valve or fitting less flare nut add "L" to end of model number.
- CTS Anode (QA) & Flare Anode (A) - Replace "Q" with "QA" or add "A" to flare.
- Insert stiffeners are **required** on all flexible plastic connections. (See page 24 for stiffeners)

Elbows - 1/8 Bend

ONE END MALE NATIONAL PIPE THREAD

A.Y. McDonald Service Fittings are manufactured to meet or exceed the AWWA C800 (latest revision) standard. Our service fittings are rated to withstand the same pressures as the tubing they are designed to fit. They are designed and tested for cold potable water only. EPDM rubber gaskets are used in our Compression fittings.

74750P-22

-22 CTS x MNPT



Size	Carton PCS/WT	Price
3/4"	25/16	$32.64
1"	25/23	$44.38
1 1/4" x 1"	25/35	$67.22
1 1/2" x 1"	25/42	$104.23

74750PT

T CTS x MNPT



Size	Carton PCS/WT	Price
3/4"	25/17	$32.64
1"	25/26	$44.38
1 1/4" x 1"	25/35	$67.22
1 1/2" x 1"	25/34	$104.23

74750P-3Q

-3Q PEP x MNPT



Size	Carton PCS/WT	Price
3/4"	20/24	$43.81
3/4" x 1"	25/37	$48.85
1"	25/37	$74.64

74750PG

G CTS x MNPT



Size	Carton PCS/WT	Price
3/4"	25/18	$32.64
1"	25/29	$44.38
1 1/4" x 1"	25/40	$67.22
1 1/2" x 1"	25/44	$104.23

74750P-33

-33 PEP-7 x MNPT



Size	Carton PCS/WT	Price
3/4" x 1"	25/37	$48.85
1"	25/36	$74.64

74750P-44

-44 PVC x MNPT



Size	Carton PCS/WT	Price
3/4" x 1"	25/37	$48.85
1"	25/35	$74.64

74750PQ

Q CTS x MNPT



Size	Carton PCS/WT	Price
3/4"	25/17	$32.64
3/4" x 1"	20/23	$43.81
1"	25/27	$44.38
1 1/4" x 1"	25/37	$67.22
1 1/2" x 1"	25/37	$104.23

74750P-34

-34 PEP-9 x MNPT



Size	Carton PCS/WT	Price
3/4" x 1"	25/37	$48.85
1"	25/36	$74.64

74750P-55

-55 IP x MNPT

Size	Carton PCS/WT	Price
3/4" x 1"	25/40	$48.85
1"	25/40	$74.64

74750P-3G

-3G PEP x MNPT



Size	Carton PCS/WT	Price
3/4" x 1"	25/41	$48.85
1"	25/40	$74.64

OPTIONS

See page 9 for pricing of the following:

- For Handyloc - Replace "Q" with "H" or "-3Q" with "-3H" in 3/4" & 1" **only**.
- For C903 tube - Replace "Q" with "K". On "Q" Series options only 3/4" & 1" **only**.
- For valve or fitting less flare nut add "L" to end of model number.
- CTS Anode (QA) & Flare Anode (A) - Replace "Q" with "QA" or add "A" to flare.
- Insert stiffeners are **required** on all flexible plastic connections. (See page 24 for stiffeners)

Elbows - 1/8 Bend

ONE END FEMALE NATIONAL PIPE THREAD

A.Y. McDonald Service Fittings are manufactured to meet or exceed the AWWA C800 (latest revision) standard. Our service fittings are rated to withstand the same pressures as the tubing they are designed to fit. They are designed and tested for cold potable water only. EPDM rubber gaskets are used in our Compression fittings.

74747
Flare x FNPT



Size	Carton PCS/WT	Price
3/4"	25/20	$32.72
3/4" x 1"	25/24	$28.44
1"	25/29	$54.63
1" x 1 1/4"	20/26	$52.97
1 1/4" x 1 1/2"	10/24	$120.55
1 1/2" x 2"	6/21	$153.99
2" x 2 1/2"	4/25	$287.12

74747-22
-22 CTS x FNPT



Size	Carton PCS/WT	Price
3/4"	25/17	$42.32
3/4" x 1"	25/22	$40.95
1"	25/24	$83.35
1" x 3/4"	25/31	$63.14
1 1/4" x 1 1/2"	10/22	$122.81
1 1/2" x 2"	6/16	$156.89
2" x 2 1/2"	4/17	$250.57

74747G
G CTS x FNPT



Size	Carton PCS/WT	Price
3/4"	25/21	$42.32
3/4" x 1"	25/24	$40.95
1"	25/24	$83.35
1" x 3/4"	25/31	$63.14
1" x 1 1/4"	20/25	$57.68

74747Q
Q CTS x FNPT



Size	Carton PCS/WT	Price
3/4"	25/18	$42.32
3/4" x 1"	25/22	$40.95
1"	25/28	$83.35
1" x 3/4"	25/34	$63.14
1" x 1 1/4"	20/25	$57.68

74747T
T CTS x FNPT



Size	Carton PCS/WT	Price
3/4"	25/18	$42.32
3/4" x 1"	25/23	$40.95
1"	25/26	$83.35
1" x 3/4"	25/31	$63.14
1 1/4" x 1 1/2"	10/22	$122.81
1 1/2" x 2"	6/16	$156.89
2" x 2 1/2"	4/17	$250.57

74747-33
-33 PEP-7 x FNPT



Size	Carton PCS/WT	Price
3/4"	25/32	$57.19
3/4" x 1 1/4"	25/32	$57.19
2" x 2 1/2"	4/21	$402.52

74747-34
-34 PEP-9 x FNPT



Size	Carton PCS/WT	Price
3/4"	25/32	$57.19
3/4" x 1 1/4"	25/32	$57.19
2" x 2 1/2"	4/21	$402.52

74747-3Q
-3Q PEP x FNPT



Size	Carton PCS/WT	Price
3/4"	25/34	$57.19
3/4" x 1 1/4"	20/25	$57.19

74747-3G
-3G PEP x FNPT

Size	Carton PCS/WT	Price
3/4"	25/34	$57.19
3/4" x 1 1/4"	20/25	$57.19

74747-44
-44 PVC x FNPT



Size	Carton PCS/WT	Price
3/4"	25/32	$57.19
3/4" x 1 1/4"	25/32	$57.19
1 1/2" x 2"	6/20	$215.89
2" x 2 1/2"	4/22	$402.52

74747-55
-55 IP x FNPT



Size	Carton PCS/WT	Price
3/4"	25/32	$57.19
3/4" x 1 1/4"	25/32	$57.19
1 1/2" x 2"	6/20	$215.89
2" x 2 1/2"	4/22	$402.52

74748Q
CTS x CTS Eighth Bend

Size	Carton PCS/WT	Price
2"	4/25	$317.65

OPTIONS

See page 9 for pricing of the following:

- For Handyloc - Replace "Q" with "H" or "-3Q" with "-3H" in 3/4" & 1" **only**.
- For C903 tube - Replace "Q" with "K". On "Q" Series options only 3/4" & 1" **only**.
- For valve or fitting less flare nut add "L" to end of model number.
- CTS Anode (QA) & Flare Anode (A) - Replace "Q" with "QA" or add "A" to flare.
- Insert stiffeners are **required** on all flexible plastic connections. (See page 24 for stiffeners)

Elbows - 1/8 Bend

ONE END FEMALE COPPER FLARE FIXED & SWIVEL ENDS

A.Y. McDonald Service Fittings are manufactured to meet or exceed the AWWA C800 (latest revision) standard. Our service fittings are rated to withstand the same pressures as the tubing they are designed to fit. They are designed and tested for cold potable water only. EPDM rubber gaskets are used in our Compression fittings.

74750
Fixed Female Flare x Flare



Size	Carton PCS/WT	Price
3/4"	25/24	$33.18
1"	25/39	$48.92

74750G
Fixed Female Flare x G CTS



Size	Carton PCS/WT	Price
3/4"	25/24	$35.19
1"	25/34	$56.97

74750-3Q
Fixed Female Flare x -3Q PEP



Size	Carton PCS/WT	Price
1 x 3/4"	25/32	$62.86

74750-22
Fixed Female Flare x -22 CTS



Size	Carton PCS/WT	Price
3/4"	25/20	$35.19
1"	25/30	$56.92

74750Q
Fixed Female Flare x Q CTS



Size	Carton PCS/WT	Price
3/4"	25/24	$35.19
1"	25/32	$56.97

74750T
Fixed Female Flare x T CTS



Size	Carton PCS/WT	Price
3/4"	25/22	$35.19
1"	25/30	$56.92

74750S
Swivel Female Flare x Flare



Size	Carton PCS/WT	Price
3/4"	25/31	$42.63
3/4" x 1"	20/25	$50.42
1"	20/40	$58.09
1 1/4"	10/28	$145.23
1 1/2"	6/32	$263.24
2"	3/26	$372.61

74750S-22
Swivel Female Flare x -22 CTS



Size	Carton PCS/WT	Price
3/4"	25/26	$48.09
1"	20/33	$68.40
1 1/4"	10/24	$171.00
1 1/2"	6/26	$239.68
2"	3/20	$339.27

74750SG
Swivel Female Flare x G CTS



Size	Carton PCS/WT	Price
3/4"	25/30	$48.09
1"	20/38	$68.40
1 1/4"	10/24	$171.00
1 1/2"	6/26	$239.68
2"	3/18	$339.27

74750SQ
Swivel Female Flare x Q CTS



Size	Carton PCS/WT	Price
3/4"	25/27	$48.09
3/4" x 1"	20/25	$58.29
1"	20/36	$68.40
1 1/4"	10/27	$171.00
1 1/2"	6/25	$239.68
2"	3/18	$339.27

74750ST
Swivel Female Flare x T CTS



Size	Carton PCS/WT	Price
3/4"	25/28	$48.09
1"	20/35	$68.40
1 1/4"	10/24	$171.00
1 1/2"	6/24	$239.68
2"	3/18	$339.27

74750S-33
Swivel Female Flare x -33 PEP-7



Size	Carton PCS/WT	Price
1"	10/22	$104.25

74750S-3Q
Swivel Female Flare x -3Q PEP



Size	Carton PCS/WT	Price
3/4"	20/26	$58.29
1"	10/22	$104.25

74750S-34
Swivel Female Flare x -34 PEP-9



Size	Carton PCS/WT	Price
1"	10/22	$104.25

74750S-44
Swivel Female Flare x -44 PVC



Size	Carton PCS/WT	Price
1 1/2"	6/28	$208.58
2"	3/23	$309.70

OPTIONS

See page 9 for pricing of the following:

- For Handyloc - Replace "Q" with "H" or "-3Q" with "-3H" in 3/4" & 1" **only**.
- For C903 tube - Replace "Q" with "K". On "Q" Series options only 3/4" & 1" **only**.
- For valve or fitting less flare nut add "L" to end of model number.
- CTS Anode (QA) & Flare Anode (A) - Replace "Q" with "QA" or add "A" to flare.
- Insert stiffeners are **required** on all flexible plastic connections. (See page 24 for stiffeners)

Elbows - 1/4 Bend

ONE END MALE NATIONAL PIPE THREAD

A.Y. McDonald Service Fittings are manufactured to meet or exceed the AWWA C800 (latest revision) standard. Our service fittings are rated to withstand the same pressures as the tubing they are designed to fit. They are designed and tested for cold potable water only. EPDM rubber gaskets are used in our Compression fittings.

74779MF
FNPT x MNPT



Size	Carton PCS/WT	Price
1”	25/23	$54.88
1 1/2”	5/13	$206.38
2”	6/27	$295.12

74779M
Flare x MNPT

Size	Carton PCS/WT	Price
3/4”	25/18	$25.51
1”	25/33	$42.32
1” x 3/4”	25/30	$35.73
1 1/2”	5/17	$151.61
2”	6/39	$258.43

74779M-22
-22 CTS x MNPT



Size	Carton PCS/WT	Price
3/4”	25/15	$29.31
1”	25/29	$48.79
1” x 3/4”	25/24	$39.76
1 1/4” x 1”	20/37	$81.84
1 1/2”	5/12	$141.70
2”	6/21	$203.08

74779MG
G CTS x MNPT



Size	Carton PCS/WT	Price
3/4”	25/19	$29.31
1”	25/32	$48.79
1” x 3/4”	25/30	$39.76
1 1/4” x 1”	20/37	$81.84
1 1/2”	8/20	$141.70
2”	8/26	$203.08

74779MQ
Q CTS x MNPT



Size	Carton PCS/WT	Price
3/4”	25/17	$29.31
1”	25/32	$48.79
1” x 3/4”	25/29	$39.76
1 1/4” x 1”	20/39	$81.84
1 1/2”	8/17	$141.70
2”	8/23	$203.08

74779MT
T CTS x MNPT



Size	Carton PCS/WT	Price
3/4”	25/15	$29.31
1”	25/29	$48.79
1” x 3/4”	25/27	$39.76
1 1/4” x 1”	20/37	$81.84
1 1/2”	8/17	$141.70
2”	8/22	$203.08

74779M-33
-33 PEP-7 x MNPT



Size	Carton PCS/WT	Price
3/4”	25/26	$45.75
1”	20/36	$74.71
2”	6/32	$194.47

74779M-3G
-3G PEP x MNPT



Size	Carton PCS/WT	Price
3/4”	25/31	$45.75
1”	20/40	$74.71

74779M-3Q
-3Q PEP x MNPT



Size	Carton PCS/WT	Price
3/4”	25/28	$45.75
1”	20/37	$74.71

74779M-34
-34 PEP-9 x MNPT



Size	Carton PCS/WT	Price
3/4”	25/26	$45.75
1”	20/36	$74.71
2”	6/32	$194.47

74779M-44
-44 PVC x MNPT



Size	Carton PCS/WT	Price
3/4”	25/27	$39.15
1”	20/36	$64.00
1 1/2”	5/17	$159.77
2”	6/32	$211.79

74779M-55
-55 IP x MNPT



Size	Carton PCS/WT	Price
3/4”	25/24	$33.83
1”	20/38	$59.69
1 1/2”	5/18	$149.94
2”	6/29	$227.29

OPTIONS

See page 9 for pricing of the following:

- For Handyloc - Replace “Q” with “H” or “-3Q” with “-3H” in 3/4” & 1” **only**.
- For C903 tube - Replace “Q” with “K”. On “Q” Series options only 3/4” & 1” **only**.
- For valve or fitting less flare nut add “L” to end of model number.
- CTS Anode (QA) & Flare Anode (A) - Replace “Q” with “QA” or add “A” to flare.
- Insert stiffeners are **required** on all flexible plastic connections. (See page 24 for stiffeners)

Elbows - 1/4 Bend

ONE END FEMALE NATIONAL PIPE THREAD

A.Y. McDonald Service Fittings are manufactured to meet or exceed the AWWA C800 (latest revision) standard. Our service fittings are rated to withstand the same pressures as the tubing they are designed to fit. They are designed and tested for cold potable water only. EPDM rubber gaskets are used in our Compression fittings.

74779
Flare x FNPT



Size	Carton PCS/WT	Price
3/4"	25/23	$28.58
3/4" x 1"	20/19	$36.43
1"	25/42	$47.12
1" x 1 1/4"	20/30	$60.31
1 1/2"	6/28	$152.16
2"	3/24	$253.62

74779-22
-22 CTS x FNPT



Size	Carton PCS/WT	Price
3/4"	20/17	$38.00
3/4" x 1"	20/16	$39.23
3/4" x 1 1/4"	20/40	$71.23
1"	25/36	$61.94
1" x 3/4"	25/24	$68.19
1" x 1 1/4"	20/25	$71.23
1 1/4" x 1"	20/39	$69.38
1 1/2"	6/17	$156.83
2"	4/17	$224.22

74779G
G CTS x FNPT



Size	Carton PCS/WT	Price
3/4"	20/19	$38.00
3/4" x 1"	20/19	$41.95
3/4" x 1 1/4"	20/40	$71.23
1"	25/41	$61.94
1" x 3/4"	25/28	$68.19
1" x 1 1/4"	20/25	$71.23
1 1/4" x 1"	20/50	$69.38
1 1/2"	6/16	$156.83
2"	4/16	$224.22

74779Q
Q CTS x FNPT



Size	Carton PCS/WT	Price
3/4"	20/17	$38.00
3/4" x 1"	20/17	$41.95
3/4" x 1 1/4"	20/35	$71.23
1"	25/39	$61.94
1" x 3/4"	25/27	$68.19
1" x 1 1/4"	20/29	$71.23
1 1/4" x 1"	20/39	$69.38
1 1/2"	6/14	$156.83
2"	4/15	$224.22

74779T
T CTS x FNPT



Size	Carton PCS/WT	Price
3/4"	20/17	$38.00
3/4" x 1"	20/17	$39.23
3/4" x 1 1/4"	20/40	$71.23
1"	25/38	$61.94
1" x 3/4"	25/27	$68.19
1" x 1 1/4"	20/28	$71.23
1 1/4" x 1"	20/37	$69.38
1 1/2"	6/14	$156.83
2"	4/15	$224.22

74779-33
-33 PEP-7 x FNPT



Size	Carton PCS/WT	Price
3/4"	25/26	$68.19
1"	20/40	$69.38

74779-34
-34 PEP-9 x FNPT



Size	Carton PCS/WT	Price
3/4"	25/26	$68.19
1"	20/40	$69.38

74779-3G
-3G PEP x FNPT



Size	Carton PCS/WT	Price
3/4"	25/30	$68.19
1"	20/39	$69.38

74779-3Q
-3Q PEP x FNPT



Size	Carton PCS/WT	Price
3/4"	25/28	$68.19
1"	20/41	$69.38

74779-44
-44 PVC x FNPT



Size	Carton PCS/WT	Price
3/4"	25/27	$55.78
1"	20/39	$56.76
1 1/2"	6/23	$159.02
2"	3/17	$231.54

74779-55
-55 IP x FNPT



Size	Carton PCS/WT	Price
3/4"	25/24	$55.78
1"	20/38	$48.85
1 1/2"	6/23	$159.02
2"	3/18	$231.54

OPTIONS

See page 9 for pricing of the following:

- For Handyloc - Replace "Q" with "H" or "-3Q" with "-3H" in 3/4" & 1" **only**.
- For C903 tube - Replace "Q" with "K". On "Q" Series options only 3/4" & 1" **only**.
- For valve or fitting less flare nut add "L" to end of model number.
- CTS Anode (QA) & Flare Anode (A) - Replace "Q" with "QA" or add "A" to flare.
- Insert stiffeners are **required** on all flexible plastic connections. (See page 24 for stiffeners)

Elbows - 1/4 Bend

A.Y. McDonald Service Fittings are manufactured to meet or exceed the AWWA C800 (latest revision) standard. Our service fittings are rated to withstand the same pressures as the tubing they are designed to fit. They are designed and tested for cold potable water only. EPDM rubber gaskets are used in our Compression fittings.

74761
Flare x Flare



Size	Carton PCS/WT	Price
3/4"	25/27	$32.07
1"	15/29	$53.38
1 1/2"	6/37	$224.88
2"	3/32	$309.94

74761F
FNPT x FNPT

Size	Carton PCS/WT	Price
1"	25/31	$55.09

74761-22
-22 CTS x -22 CTS

Size	Carton PCS/WT	Price
3/4"	25/24	$42.11
3/4" x 1"	25/30	$47.48
1"	15/21	$54.18
1" x 1 1/4"	20/40	$71.93
1 1/4"	15/36	$97.79
1 1/2"	8/26	$173.84
2"	5/24	$351.72

74761-22-33
-22 CTS x -33 PEP-7

Size	Carton PCS/WT	Price
3/4"	25/31	$46.94
1"	20/42	$72.03
1" x 3/4"	10/8	$73.56

74761-22-34
-22 CTS x -34 PEP-9

Size	Carton PCS/WT	Price
3/4"	25/31	$46.94
1"	20/42	$72.03
1" x 3/4"	10/8	$73.56

74761G
G CTS x G CTS



Size	Carton PCS/WT	Price
3/4"	25/29	$42.11
3/4" x 1"	25/38	$47.48
1"	15/28	$54.18
1" x 1 1/4"	20/40	$71.93
1 1/4"	15/38	$97.79
1 1/2"	8/28	$173.84
2"	5/23	$351.72

74761Q
Q CTS x Q CTS



Size	Carton PCS/WT	Price
3/4"	25/26	$42.11
3/4" x 1"	25/35	$47.48
1"	15/27	$54.18
1" x 1 1/4"	20/40	$71.93
1 1/4"	15/38	$97.79
1 1/2"	8/23	$173.84
2"	5/18	$351.72

74761T
T CTS x T CTS



Size	Carton PCS/WT	Price
3/4"	25/25	$42.11
3/4" x 1"	25/34	$47.48
1"	15/24	$54.18
1 1/4"	15/34	$97.79
1 1/2"	8/21	$173.84
2"	5/19	$351.72

74761-33
-33 PEP-7 x -33 PEP-7

Size	Carton PCS/WT	Price
3/4"	10/15	$59.36
1"	15/36	$92.11
1 1/2"	3/25	$220.93
2"	3/22	$393.58

74761-3G
-3G PEP-7 x -3G PEP

Size	Carton PCS/WT	Price
3/4"	10/19	$59.36
3/4" x 1"	20/40	$71.93
1"	15/36	$92.11

74761-3Q
-3Q PEP x -3Q PEP

Size	Carton PCS/WT	Price
3/4"	10/18	$59.36
3/4" x 1"	20/40	$71.93
1"	15/37	$92.11

74761-34
-34 PEP-9 x -34 PEP-9

Size	Carton PCS/WT	Price
3/4"	10/15	$59.36
1"	15/36	$92.11
1 1/2"	3/25	$220.93
2"	3/22	$393.58

74761-44
-44 PVC x -44 PVC

Size	Carton PCS/WT	Price
3/4"	10/15	$56.33
1"	15/36	$99.51
1 1/4"	6/34	$190.74
1 1/2"	8/34	$216.41
2"	3/20	$381.16

74761-55
-55 IP x -55 IP



Size	Carton PCS/WT	Price
3/4"	10/14	$49.80
1"	15/37	$89.70
1 1/2"	8/35	$123.67
2"	3/21	$286.70

OPTIONS
See page 9 for pricing of the following:

- For Handyloc - Replace "Q" with "H" or "-3Q" with "-3H" in 3/4" & 1" **only**.
- For C903 tube - Replace "Q" with "K". On "Q" Series options only 3/4" & 1" **only**.
- For valve or fitting less flare nut add "L" to end of model number.
- CTS Anode (QA) & Flare Anode (A) - Replace "Q" with "QA" or add "A" to flare.
- Insert stiffeners are **required** on all flexible plastic connections. (See page 24 for stiffeners)

Elbows - 1/4 Bend

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74761-22-44
-22 CTS x -44 PVC

Size	Carton PCS/WT	Price
3/4"	25/32	$46.23
1"	20/42	$71.19

74761G-55

G CTS x -55 IP

Size	Carton PCS/WT	Price
3/4"	25/33	$46.33

74761T-44

T CTS x -44 PVC

Size	Carton PCS/WT	Price
3/4"	25/32	$46.23

74761-22-55

-22 CTS x -55 IP

Size	Carton PCS/WT	Price
3/4"	25/29	$46.33
1"	20/43	$71.19

74761Q-33
Q CTS x -33 PEP

Size	Carton PCS/WT	Price
3/4"	25/32	$46.94
1"	20/44	$72.03
1" x 3/4"	10/17	$73.56

74761T-55

T CTS x -55 IP

Size	Carton PCS/WT	Price
3/4"	25/29	$46.33

74761-44-55

-44 PVC x -55 IP

Size	Carton PCS/WT	Price
3/4"	10/15	$56.33
1"	15/36	$99.51
2"	3/22	$333.92

74761Q-3Q

Q CTS x -3Q PEP

Size	Carton PCS/WT	Price
3/4"	25/32	$46.94
1"	20/47	$71.93
1" x 3/4"	10/8	$73.56

74761G-3G
G CTS x -3G PEP

Size	Carton PCS/WT	Price
3/4"	25/40	$46.94

74761T-33

T CTS x -33 PEP-7

Size	Carton PCS/WT	Price
3/4"	25/32	$46.94

OPTIONS

See page 9 for pricing of the following:

- For Handyloc - Replace "Q" with "H" or "-3Q" with "-3H" in 3/4" & 1" **only**.
- For C903 tube - Replace "Q" with "K". On "Q" Series options only 3/4" & 1" **only**.
- For valve or fitting less flare nut add "L" to end of model number.
- CTS Anode (QA) & Flare Anode (A) - Replace "Q" with "QA" or add "A" to flare.
- Insert stiffeners are **required** on all flexible plastic connections. (See page 24 for stiffeners)

Elbows - 1/4 Bend

ONE END FEMALE COPPER FLARE

A.Y. McDonald Service Fittings are manufactured to meet or exceed the AWWA C800 (latest revision) standard. Our service fittings are rated to withstand the same pressures as the tubing they are designed to fit. They are designed and tested for cold potable water only. EPDM rubber gaskets are used in our Compression fittings.

74776

Fixed Female Flare x Flare



Size	Carton PCS/WT	Price
3/4"	35/32	$35.45
1"	20/31	$56.37
1 1/4"	10/34	$134.72

74776G

Fixed Female Flare x G CTS



Size	Carton PCS/WT	Price
3/4"	35/31	$39.23
1"	20/30	$59.52

74776T

Fixed Female Flare x T CTS



Size	Carton PCS/WT	Price
3/4"	35/30	$39.23
1"	20/28	$59.52
1 1/4"	20/55	$124.51

74776-22

Fixed Female Flare x -22 CTS



Size	Carton PCS/WT	Price
3/4"	35/28	$39.23
1"	20/25	$59.52
1 1/4"	20/58	$124.51

74776Q

Fixed Female Flare x Q CTS



Size	Carton PCS/WT	Price
3/4"	35/31	$39.23
1"	20/30	$59.52

OPTIONS

See page 9 for pricing of the following:

- For Handyloc - Replace "Q" with "H" or "-3Q" with "-3H" in 3/4" & 1" **only**.
- For C903 tube - Replace "Q" with "K". On "Q" Series options only 3/4" & 1" **only**.
- For valve or fitting less flare nut add "L" to end of model number.
- CTS Anode (QA) & Flare Anode (A) - Replace "Q" with "QA" or add "A" to flare.
- Insert stiffeners are **required** on all flexible plastic connections. (See page 24 for stiffeners)

Elbows - 1/4 Bend

ONE END FEMALE COPPER FLARE

A.Y. McDonald Service Fittings are manufactured to meet or exceed the AWWA C800 (latest revision) standard. Our service fittings are rated to withstand the same pressures as the tubing they are designed to fit. They are designed and tested for cold potable water only. EPDM rubber gaskets are used in our Compression fittings.

74776S

Swivel Female Flare x Flare



Size	Carton PCS/WT	Price
3/4"	25/32	$47.26
1"	20/40	$66.72
1 1/4"	10/31	$166.79
1 1/2"	6/34	$195.35
2"	3/29	$342.27

74776S-22

Swivel Female Flare x -22 CTS



Size	Carton PCS/WT	Price
3/4"	25/29	$53.72
1"	20/37	$73.25
1 1/4"	10/21	$183.15
1 1/4" x 1"	20/53	$107.85
1 1/2"	6/30	$190.34
2"	3/21	$321.27

74776SG

Swivel Female Flare x G CTS



Size	Carton PCS/WT	Price
3/4"	25/33	$53.72
1"	20/40	$73.25
1 1/4"	10/29	$183.15
1 1/4" x 1"	20/54	$107.85
1 1/2"	6/29	$190.34
2"	3/20	$321.27

74776SQ

Swivel Female Flare x Q CTS



Size	Carton PCS/WT	Price
3/4"	25/30	$53.72
1"	20/38	$73.25
1 1/4"	10/29	$183.15
1 1/4" x 1"	20/54	$107.85
1 1/2"	6/29	$190.34
2"	3/20	$321.27

74776ST

Swivel Female Flare x T CTS



Size	Carton PCS/WT	Price
3/4"	25/31	$53.72
1"	20/39	$73.25
1 1/4"	10/21	$183.15
1 1/4" x 1"	20/45	$107.85
1 1/2"	6/28	$190.34
2"	3/18	$321.27

74776S-33

Swivel Female Flare x -33 PEP-7



Size	Carton PCS/WT	Price
1"	20/48	$91.60
2"	3/25	$345.97

74776S-3G

Swivel Female Flare x -3G PEP



Size	Carton PCS/WT	Price
1"	20/48	$91.60

74776S-3Q

Swivel Female Flare x -3Q PEP



Size	Carton PCS/WT	Price
1"	20/47	$91.60

74776S-34

Swivel Female Flare x -34 PEP-9



Size	Carton PCS/WT	Price
1"	20/48	$91.60
2"	3/25	$345.97

74776S-44

Swivel Female Flare x -44 PVC



Size	Carton PCS/WT	Price
1"	20/46	$98.46
1 1/2"	6/39	$226.66
2"	3/26	$345.97

74776S-55

Swivel Female Flare x -55 IP



Size	Carton PCS/WT	Price
1"	20/53	$87.78
1 1/2"	6/39	$226.66
2"	3/26	$345.97

OPTIONS

See page 9 for pricing of the following:

- For Handyloc - Replace "Q" with "H" or "-3Q" with "-3H" in 3/4" & 1" **only**.
- For C903 tube - Replace "Q" with "K". On "Q" Series options only 3/4" & 1" **only**.
- For valve or fitting less flare nut add "L" to end of model number.
- CTS Anode (QA) & Flare Anode (A) - Replace "Q" with "QA" or add "A" to flare.
- Insert stiffeners are **required** on all flexible plastic connections. (See page 24 for stiffeners)

Tees

SAME END CONNECTIONS ON ALL THREE SIDES

A.Y. McDonald Service Fittings are manufactured to meet or exceed the AWWA C800 (latest revision) standard. Our service fittings are rated to withstand the same pressures as the tubing they are designed to fit. They are designed and tested for cold potable water only. EPDM rubber gaskets are used in our Compression fittings.

74760P

MNPT x MNPT x MNPT



Size	Carton PCS/WT	Price
3/4"	25/13	$32.83
3/4" x 1" x 9"	10/9	$82.57
1"	15/10	$51.35
1" x 2"	6/10	$108.90
1 1/2"	4/7	$149.00
2"	8/20	$223.97

74760F

FNPT x FNPT x FNPT



Size	Carton PCS/WT	Price
3/4"	25/19	$32.83
1"	15/19	$46.78
1 1/4"	10/24	$102.34
1 1/2"	4/19	$134.09
1 1/2" x 3/4"	4/10	$101.34
1 1/2" x 1"	4/9	$106.45
2"	4/11	$203.64
2" x 3/4"	4/9	$147.73
2" x 1"	4/9	$152.83

74760

Flare x Flare x Flare

Size	Carton PCS/WT	Price
3/4"	25/43	$56.48
3/4" x 1"	20/44	$67.54
1"	15/45	$94.75
1" x 3/4"	15/41	$75.97
1" x 1 1/4"	10/37	$122.74
1 1/2"	4/31	$247.51
2"	4/50	$464.42

74760-22

-22 CTS x -22 CTS x -22 CTS



Size	Carton PCS/WT	Price
3/4"	25/35	$78.95
3/4" x 1"	20/33	$84.08
1"	15/27	$84.41
1" x 3/4"	15/28	$86.70
1" x 1 1/4"	10/27	$145.14
1" x 1 1/2"	10/30	$162.54
1" x 2"	6/25	$209.46
1 1/4"	10/35	$163.09
1 1/2"	4/18	$188.29
2"	4/27	$459.56
2" x 1"	4/23	$226.49

74760G

G CTS x G CTS x G CTS

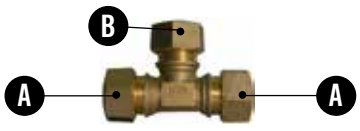


Size	Carton PCS/WT	Price
3/4"	25/45	$78.95
3/4" x 1"	20/41	$84.08
1"	15/38	$84.41
1" x 3/4"	15/35	$86.70
1" x 1 1/4"	10/32	$145.14
1" x 1 1/2"	10/29	$162.54
1" x 2"	6/23	$209.46
1 1/4"	10/40	$163.09
1 1/2"	4/18	$188.29
2"	4/24	$459.56
2" x 1"	4/23	$226.49

74760-A

Flare x Flare x Flare
Assembled Water Tight

Size	Carton PCS/WT	Price
2" x1"	3/38	$543.44



KEY TO SIZES		
A		B
3/4"	x	1"

OPTIONS

See page 9 for pricing of the following:

- For Handyloc - Replace "Q" with "H" or "-3Q" with "-3H" in 3/4" & 1" **only**.
- For C903 tube - Replace "Q" with "K". On "Q" Series options only 3/4" & 1" **only**.
- For valve or fitting less flare nut add "L" to end of model number.
- CTS Anode (QA) & Flare Anode (A) - Replace "Q" with "QA" or add "A" to flare.
- Insert stiffeners are **required** on all flexible plastic connections. (See page 24 for stiffeners)

Tees

SAME END CONNECTIONS ON ALL THREE SIDES

A.Y. McDonald Service Fittings are manufactured to meet or exceed the AWWA C800 (latest revision) standard. Our service fittings are rated to withstand the same pressures as the tubing they are designed to fit. They are designed and tested for cold potable water only. EPDM rubber gaskets are used in our Compression fittings.

74760Q

Q CTS x Q CTS x Q CTS



Size	Carton PCS/WT	Price
3/4"	25/39	$78.95
3/4" x 1"	20/38	$84.08
1"	15/34	$84.41
1" x 3/4"	15/31	$86.70
1" x 1 1/4"	10/32	$145.14
1" x 1 1/2"	10/29	$162.54
1" x 2"	6/23	$209.46
1 1/4"	10/36	$163.09
1 1/2"	4/16	$188.29
1 1/2" x 3/4"	6/21	$178.40
2"	4/20	$459.56
2" x 1"	4/23	$226.49

74760T

T CTS x T CTS x T CTS



Size	Carton PCS/WT	Price
3/4"	25/36	$78.95
3/4" x 1"	20/37	$84.08
1"	15/32	$84.41
1" x 3/4"	15/30	$86.70
1" x 1 1/4"	10/30	$145.14
1" x 1 1/2"	10/30	$162.54
1" x 2"	6/22	$209.46
1 1/4"	10/33	$163.09
1 1/2"	4/13	$188.29
2"	4/20	$459.56
2" x 1"	4/23	$226.49

74760-33

-33 PEP-7 x -33 PEP-7 x -33 PEP-7



Size	Carton PCS/WT	Price
3/4"	15/30	$112.46
1"	10/35	$194.82
1 1/2"	4/30	$292.84
2"	4/38	$549.49

74760-3G

-3G PEP x -3G PEP x -3G PEP



Size	Carton PCS/WT	Price
3/4"	15/40	$112.46
1"	10/35	$194.82

74760-3Q

-3Q PEP x -3Q PEP x -3Q PEP



Size	Carton PCS/WT	Price
3/4"	15/35	$112.46
1"	10/35	$194.82

74760-34

-34 PEP-9 x -34 PEP-9 x -34 PEP-9



Size	Carton PCS/WT	Price
3/4"	15/30	$112.46
1"	10/35	$194.82
1 1/2"	4/30	$292.84
2"	4/38	$549.49

74760-44

-44 PVC x -44 PVC x -44 PVC

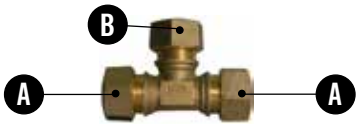


Size	Carton PCS/WT	Price
3/4"	15/32	$112.46
1"	10/36	$194.82
1 1/2"	4/25	$292.84
2"	4/37	$549.49

74760-55

-55 IP x -55 IP x -55 IP

Size	Carton PCS/WT	Price
3/4"	15/25	$118.22
1"	10/37	$194.82
1 1/2"	4/25	$292.84
2"	4/38	$549.49



KEY TO SIZES		
A		B
3/4"	x	1"

OPTIONS

See page 9 for pricing of the following:

- For Handyloc - Replace "Q" with "H" or "-3Q" with "-3H" in 3/4" & 1" **only**.
- For C903 tube - Replace "Q" with "K". On "Q" Series options only 3/4" & 1" **only**.
- For valve or fitting less flare nut add "L" to end of model number.
- CTS Anode (QA) & Flare Anode (A) - Replace "Q" with "QA" or add "A" to flare.
- Insert stiffeners are **required** on all flexible plastic connections. (See page 24 for stiffeners)

Tees

CROSS SIZE END CONNECTIONS

A.Y. McDonald Service Fittings are manufactured to meet or exceed the AWWA C800 (latest revision) standard. Our service fittings are rated to withstand the same pressures as the tubing they are designed to fit. They are designed and tested for cold potable water only. EPDM rubber gaskets are used in our Compression fittings.

74760-22-33

-22 CTS x -22 CTS x -33 PEP-7

Size	Carton PCS/WT	Price
3/4"	20/34	$84.08
1"	10/28	$131.97
2" x 3/4"	6/35	$322.78

74760G-3G

G CTS x G CTS x -3G PEP



Size	Carton PCS/WT	Price
3/4"	20/37	$84.08

74760-33-44

-33 PEP-7 x -33 PEP-7 x -44 PVC

Size	Carton PCS/WT	Price
3/4"	15/28	$116.31

74760-22-44

-22 CTS x -22 CTS x -44 PVC

Size	Carton PCS/WT	Price
3/4"	20/33	$80.81
1"	10/27	$131.97

74760Q-3Q

Q CTS x Q CTS x -3Q PEP



Size	Carton PCS/WT	Price
3/4"	20/37	$84.08
2" x 3/4"	6/28	$322.78

74760-33-55

-33 PEP-7 x -33 PEP-7 x -55 IP

Size	Carton PCS/WT	Price
3/4"	15/28	$116.31

74760-22-55

-22 CTS x -22 CTS x -55 IP

Size	Carton PCS/WT	Price
3/4"	20/34	$84.08
1"	10/28	$143.24

74760-55-33

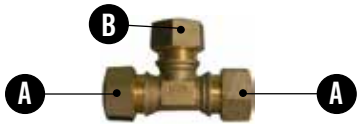
-55 IP x -55 IP x -33 PEP-7

Size	Carton PCS/WT	Price
3/4"	15/28	$116.31

74760-55-44

-55 IP x -55 IP x -44 PVC

Size	Carton PCS/WT	Price
3/4"	15/28	$116.31



KEY TO SIZES		
A		B
3/4"	x	1"

OPTIONS

See page 9 for pricing of the following:

- For Handyloc - Replace "Q" with "H" or "-3Q" with "-3H" in 3/4" & 1" **only**.
- For C903 tube - Replace "Q" with "K". On "Q" Series options only 3/4" & 1" **only**.
- For valve or fitting less flare nut add "L" to end of model number.
- CTS Anode (QA) & Flare Anode (A) - Replace "Q" with "QA" or add "A" to flare.
- Insert stiffeners are **required** on all flexible plastic connections. (See page 24 for stiffeners)

Tees

MALE NATIONAL PIPE THREAD OUTLET

A.Y. McDonald Service Fittings are manufactured to meet or exceed the AWWA C800 (latest revision) standard. Our service fittings are rated to withstand the same pressures as the tubing they are designed to fit. They are designed and tested for cold potable water only. EPDM rubber gaskets are used in our Compression fittings.

74762
Flare x Flare x MNPT



Size	Carton PCS/WT	Price
3/4"	25/34	$51.52
3/4" x 1"	20/31	$56.26
1"	20/45	$83.18

74762T
T CTS x T CTS x MNPT



Size	Carton PCS/WT	Price
3/4"	25/29	$57.34
3/4" x 1"	20/25	$84.30
1"	20/33	$79.10
1 1/4" x 1 1/2"	10/29	$115.80
1 1/2"	5/25	$269.24
2"	5/30	$374.24

74762-22
-22 CTS x -22 CTS x MNPT



Size	Carton PCS/WT	Price
3/4"	25/27	$57.34
3/4" x 1"	20/26	$84.30
1"	20/30	$79.10
1 1/4" x 1 1/2"	10/29	$115.80
1 1/2"	5/25	$269.24
2"	5/30	$374.24

74762G
G CTS x G CTS x MNPT



Size	Carton PCS/WT	Price
3/4"	25/33	$57.34
3/4" x 1"	20/26	$84.30
1"	20/38	$79.10
1 1/4" x 1 1/2"	10/32	$115.80
1 1/2"	5/25	$269.24
2"	5/30	$374.24

74762Q
Q CTS x Q CTS x MNPT



Size	Carton PCS/WT	Price
3/4"	25/29	$57.34
3/4" x 1"	20/27	$84.30
1"	20/35	$79.10
1 1/4" x 1 1/2"	10/32	$115.80
1 1/2"	8/25	$269.24
2"	6/22	$374.24

74762-33
-33 PEP-7 x -33 PEP-7 x MNPT



Size	Carton PCS/WT	Price
3/4" x 2"	10/30	$149.61
1" x 1 1/2"	10/32	$188.13

74762-3G
-3G PEP x -3G PEP x MNPT



Size	Carton PCS/WT	Price
3/4" x 2"	10/30	$149.61
1" x 1 1/2"	10/32	$188.13

74762-3Q
-3Q PEP x -3Q PEP x MNPT



Size	Carton PCS/WT	Price
3/4" x 2"	6/18	$149.61
1" x 1 1/2"	10/32	$188.13

74762-44
-44 PVC x -44 PVC x MNPT

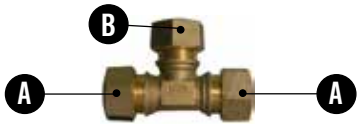


Size	Carton PCS/WT	Price
1" x 1 1/2"	10/32	$188.13

74762-55
-55 IP x -55 IP x MNPT



Size	Carton PCS/WT	Price
1" x 1 1/2"	10/32	$188.13



KEY TO SIZES		
A		B
3/4"	x	1"

OPTIONS

See page 9 for pricing of the following:

- For Handyloc - Replace "Q" with "H" or "-3Q" with "-3H" in 3/4" & 1" **only**.
- For C903 tube - Replace "Q" with "K". On "Q" Series options only 3/4" & 1" **only**.
- For valve or fitting less flare nut add "L" to end of model number.
- CTS Anode (QA) & Flare Anode (A) - Replace "Q" with "QA" or add "A" to flare.
- Insert stiffeners are **required** on all flexible plastic connections. (See page 24 for stiffeners)

Tees

MALE NATIONAL PIPE THREAD RUN

A.Y. McDonald Service Fittings are manufactured to meet or exceed the AWWA C800 (latest revision) standard. Our service fittings are rated to withstand the same pressures as the tubing they are designed to fit. They are designed and tested for cold potable water only. EPDM rubber gaskets are used in our Compression fittings.

74763F

MNPT x MNPT x FNPT

Size	Carton PCS/WT	Price
3/4" x 1" x 9"	10/9	$70.45

74763-22



MNPT x MNPT x -22 CTS

Size	Carton PCS/WT	Price
3/4" x 1"	20/22	$65.21
3/4" x 1" x 9"	10/23	$88.07
1"	20/22	$77.19
1" x 1 1/4"	10/18	$119.55
1" x 1 1/2"	10/20	$126.58
1" x 2"	6/16	$187.43

74763Q

MNPT x MNPT x Q CTS

Size	Carton PCS/WT	Price
3/4" x 1"	20/25	$65.21
3/4" x 1" x 9"	10/24	$88.07
1"	20/27	$77.19
1" x 1 1/4"	10/26	$119.55
1" x 1 1/2"	10/18	$126.58
1" x 2"	6/16	$187.43

74763

MNPT x MNPT x Flare

Size	Carton PCS/WT	Price
3/4"	25/23	$42.80
3/4" x 1"	20/29	$56.48
3/4" x 1" x 9"	10/19	$83.42
1"	20/31	$70.73
1" x 1 1/4"	10/22	$110.15

74763G

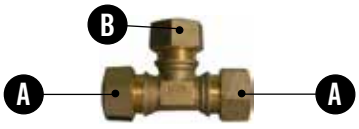
MNPT x MNPT x G CTS

Size	Carton PCS/WT	Price
3/4" x 1"	20/22	$65.21
3/4" x 1" x 9"	10/23	$88.07
1"	20/22	$77.19
1" x 1 1/4"	10/18	$119.55
1" x 1 1/2"	10/20	$126.58
1" x 2"	6/16	$187.43

74763T

MNPT x MNPT x T CTS

Size	Carton PCS/WT	Price
3/4" x 1"	20/25	$65.21
3/4" x 1" x 9"	10/24	$88.07
1"	20/27	$77.19
1" x 1 1/4"	10/26	$119.55
1" x 1 1/2"	10/25	$126.58
1" x 2"	6/16	$187.43



KEY TO SIZES		
A		B
3/4"	x	1"

OPTIONS

See page 9 for pricing of the following:

- For Handyloc - Replace "Q" with "H" or "-3Q" with "-3H" in 3/4" & 1" **only**.
- For C903 tube - Replace "Q" with "K". On "Q" Series options only 3/4" & 1" **only**.
- For valve or fitting less flare nut add "L" to end of model number.
- CTS Anode (QA) & Flare Anode (A) - Replace "Q" with "QA" or add "A" to flare.
- Insert stiffeners are **required** on all flexible plastic connections. (See page 24 for stiffeners)

Tees

FEMALE OUTLET

A.Y. McDonald Service Fittings are manufactured to meet or exceed the AWWA C800 (latest revision) standard. Our service fittings are rated to withstand the same pressures as the tubing they are designed to fit. They are designed and tested for cold potable water only. EPDM rubber gaskets are used in our Compression fittings.

74764

Flare x Flare x FNPT

Size	Carton PCS/WT	Price
1" x 1 1/4"	10/25	$94.87
1" x 1 1/2"	10/25	$112.28

74764-22

-22 CTS x -22 CTS x FNPT



Size	Carton PCS/WT	Price
3/4"	25/29	$65.10
3/4" x 1"	20/29	$66.64
1"	20/32	$80.73
1" x 1 1/4"	10/25	$132.80
1" x 1 1/2"	10/25	$176.71
1 1/4"	10/31	$137.94
1 1/4" x 3/4"	10/35	$130.55
1 1/4" x 1"	10/33	$137.84
1 1/2" x 3/4"	6/23	$151.61
1 1/2" x 1"	6/24	$151.61
1 1/2"	5/25	$269.24
2"	5/30	$374.24
2" x 3/4"	6/28	$211.41
2" x 1"	6/28	$211.41

74764G

G CTS x G CTS x FNPT



Size	Carton PCS/WT	Price
3/4"	25/37	$65.10
3/4" x 1"	20/35	$66.64
1"	20/41	$80.73
1" x 1 1/4"	10/25	$132.80
1" x 1 1/2"	10/25	$176.71
1 1/4"	10/35	$137.84
1 1/4" x 3/4"	10/35	$130.55
1 1/4" x 1"	10/33	$137.84
1 1/2" x 3/4"	6/20	$151.61
1 1/2" x 1"	6/23	$151.61
1 1/2"	5/25	$269.24
2"	5/30	$374.24
2" x 3/4"	6/27	$211.41
2" x 1"	6/26	$211.41

74764Q

Q CTS x Q CTS x FNPT



Size	Carton PCS/WT	Price
3/4"	25/30	$65.10
3/4" x 1"	20/28	$66.64
1"	20/37	$80.73
1" x 1 1/4"	10/25	$132.80
1" x 1 1/2"	10/25	$176.71
1 1/4"	10/31	$137.84
1 1/4" x 3/4"	10/36	$137.84
1 1/4" x 1"	10/34	$130.55
1 1/2"	8/27	$269.24
1 1/2" x 3/4"	6/20	$151.61
1 1/2" x 1"	6/20	$151.61
2"	6/28	$374.24
2" x 3/4"	6/22	$211.41
2" x 1"	6/21	$211.41

74764Q-CC

Q CTS x Q CTS x AWWA Female Thread

Size	Carton PCS/WT	Price
1 1/2" x 3/4"	5/30	$151.61
2" x 3/4"	6/21	$211.41
2" x 1"	5/30	$211.41

74764T

T CTS x T CTS x FNPT



Size	Carton PCS/WT	Price
3/4"	25/31	$65.10
3/4" x 1"	20/29	$66.64
1"	20/38	$80.73
1" x 1 1/4"	10/25	$132.80
1" x 1 1/2"	10/25	$176.71
1 1/4"	10/35	$137.84
1 1/4" x 3/4"	10/36	$137.84
1 1/4" x 1"	10/34	$130.55
1 1/2" x 3/4"	6/20	$151.61
1 1/2" x 1"	6/18	$151.61
1 1/2"	5/25	$269.24
2"	5/30	$374.24
2" x 3/4"	6/21	$211.41
2" x 1"	6/21	$211.41

74764-3G

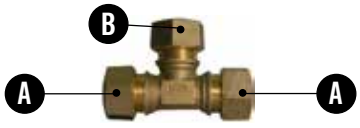
-3G PEP x -3G PEP x FNPT

Size	Carton PCS/WT	Price
3/4" x 1 1/4"	10/25	$132.80
3/4" x 1 1/2"	10/26	$176.71
1" x 3/4"	10/38	$137.84
1"	10/37	$137.84

74764-3Q

-3Q PEP x -3Q PEP x FNPT

Size	Carton PCS/WT	Price
3/4" x 1 1/4"	10/25	$132.80
3/4" x 1 1/2"	10/26	$176.71
1" x 3/4"	10/40	$137.84
1"	10/35	$137.84



KEY TO SIZES		
A		B
3/4"	x	1"

OPTIONS

See page 9 for pricing of the following:

- For Handyloc - Replace "Q" with "H" or "-3Q" with "-3H" in 3/4" & 1" **only**.
- For C903 tube - Replace "Q" with "K". On "Q" Series options only 3/4" & 1" **only**.
- For valve or fitting less flare nut add "L" to end of model number.
- CTS Anode (QA) & Flare Anode (A) - Replace "Q" with "QA" or add "A" to flare.
- Insert stiffeners are **required** on all flexible plastic connections. (See page 24 for stiffeners)

U-Branches

A.Y. McDonald Service Fittings are manufactured to meet or exceed the AWWA C800 (latest revision) standard. Our service fittings are rated to withstand the same pressures as the tubing they are designed to fit. They are designed and tested for cold potable water only. EPDM rubber gaskets are used in our Compression fittings.

U-branches available with valve assembled - contact factory. (See meter valve section, page 209)

To order U-Branch: Model No. 708UCM 1 x 3/4 x 7.5 means:

708 — U-Branches

U — Style
- **U** = Standard U-branch
- **T** = Angle U-branch

C — Type of connection-Single opening end

B = -3G PEP	**Q** = Q CTS
C = Copper flare	**T** = T CTS
F = FNPT	**Y** = -3H PEP
G = G CTS	**Z** = -3Q PEP
H = H CTS	**2** = -22 CTS
K = C903	**3** = -33 PEP-7
L = Copper flare, less nut	**4** = -44 PVC
M = MNPT	**5** = -55 IP

M — Type of connection - Multiple openings
- **F** = FNPT
- **M** = MNPT
- **Q** = CTS

1 X 3/4 x 7.5 — Size
Single opening end x
Multiple opening ends x Spread

708UMM

MNPT x MNPT



Size	Carton PCS/WT	Price
1" x 3/4" x 7.5	15/23	$66.98
1" x 3/4" x 14	10/27	$129.52
1" x 1" x 7.5	15/27	$100.34
1" x 1" x 18	10/33	$439.70
1 1/2" x 1" x 9	5/11	$137.11
1 1/2" x 1" x 12	6/18	$184.40
2" x 1" x 9	6/14	$132.67

708UFF

FNPT x FNPT



Size	Carton PCS/WT	Price
1" x 3/4" x 6.5	15/47	$65.92
1" x 3/4" x 7.5	15/32	$66.98
1" x 1" x 18	10/41	$439.70

708UFM

FNPT x MNPT



Size	Carton PCS/WT	Price
1" x 3/4" x 6.5	15/32	$63.35
1" x 3/4" x 7.5	15/25	$70.15
1" x 3/4" x 14	10/30	$126.50
1" x 1" x 7.5	15/28	$106.60
1" x 1" x 14	6/18	$130.71
1" x 1" x 18	10/36	$439.70
1 1/2" x 3/4" x 7.5	10/19	$138.52
1 1/2" x 1" x 9	6/16	$138.68

708UFQ

FNPT x Q CTS

Size	Carton PCS/WT	Price
1" x 3/4" x 6.5	15/54	$95.30

708UCM

Flare x MNPT



Size	Carton PCS/WT	Price
3/4" x 3/4" x 6.5 x 100	15/41	$64.57
1" x 3/4" x 6.5	15/37	$71.08
1" x 3/4" x 7.5	15/33	$77.93
1" x 3/4" x 14	10/36	$135.46
1" x 1" x 7.5	15/38	$116.75
1" x 1" x 18	10/40	$475.33

708U2M

-22 CTS x MNPT



Size	Carton PCS/WT	Price
1" x 3/4" x 6.5	15/34	$73.62
1" x 3/4" x 7.5	15/30	$80.49
1" x 3/4" x 14	10/33	$161.47
1" x 1" x 7.5	15/35	$84.71
1" x 1" x 18	10/40	$476.78
1 1/2" x 3/4" x 7.5	10/25	$145.19
1 1/2" x 1" x 9	6/19	$181.73

708UGM

G CTS x MNPT



Size	Carton PCS/WT	Price
1" x 3/4" x 6.5	15/37	$73.62
1" x 3/4" x 7.5	15/32	$80.49
1" x 3/4" x 14	10/33	$161.47
1" x 1" x 7.5	15/35	$84.71
1" x 1" x 18	10/40	$476.78
1 1/2" x 3/4" x 7.5	10/26	$145.19
1 1/2" x 1" x 9	6/19	$181.73

708UQQ

Q CTS x Q CTS

Size	Carton PCS/WT	Price
1" x 3/4" x 6.5	15/62	$109.61

708UQM

Q CTS x MNPT



Size	Carton PCS/WT	Price
1" x 3/4" x 6.5	15/37	$73.62
1" x 3/4" x 7.5	15/31	$80.49
1" x 3/4" x 14	10/35	$161.47
1" x 1" x 7.5	15/34	$84.71
1" x 1" x 18	10/38	$476.78
1 1/2" x 3/4" x 7.5	10/24	$145.19
1 1/2" x 1" x 9	6/18	$181.73

708UQF

Q CTS x FNPT

Size	Carton PCS/WT	Price
1" x 3/4" x 6.5	15/52	$80.23

OPTIONS

See page 9 for pricing of the following:

- For Handyloc - Replace "Q" with "H" or "-3Q" with "-3H" in 3/4" & 1" **only**.
- For C903 tube - Replace "Q" with "K". On "Q" Series options only 3/4" & 1" **only**.
- For valve or fitting less flare nut add "L" to end of model number.
- CTS Anode (QA) & Flare Anode (A) - Replace "Q" with "QA" or add "A" to flare.
- Insert stiffeners are **required** on all flexible plastic connections. (See page 24 for stiffeners)

U-Branches

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708UTM
T CTS x MNPT

Size	Carton PCS/WT	Price
1" x 3/4" x 6.5	15/36	$73.62
1" x 3/4" x 7.5	15/33	$80.49
1" x 3/4" x 14	10/34	$161.47
1" x 1" x 7.5	15/35	$84.71
1" x 1" x 18	10/42	$476.78
1 1/2" x 3/4" x 7.5	10/22	$145.19
1 1/2" x 1" x 9	6/17	$181.73



708U3M
-33 PEP-7 x MNPT

Size	Carton PCS/WT	Price
1" x 3/4" x 7.5	10/22	$91.92

708UBM
-3G PEP x MNPT

Size	Carton PCS/WT	Price
1" x 3/4" x 7.5	10/25	$91.92

708UZM
-3Q PEP x MNPT

Size	Carton PCS/WT	Price
1" x 3/4" x 7.5	10/24	$91.92

708U4M
-44 PVC x MNPT

Size	Carton PCS/WT	Price
1" x 3/4" x 7.5	10/23	$91.92
1 1/4" x 1" x 9	6/20	$190.99
1 1/2" x 3/4" x 7.5	10/29	$167.33

708U5M
-55 IP x MNPT

Size	Carton PCS/WT	Price
1 1/2" x 3/4" x 7.5	10/27	$193.32

Angle Inlet U-Branches

708TMM
MNPT x MNPT

Size	Carton PCS/WT	Price
1 1/2" x 1" x 12	6/18	$184.40

708TFF
FNPT x FNPT

Size	Carton PCS/WT	Price
1" x 3/4" x 6.5	15/47	$79.66

708TFM
FNPT x MNPT

Size	Carton PCS/WT	Price
1" x 3/4" x 6.5	15/30	$70.73

708TFQ
FNPT x Q CTS

Size	Carton PCS/WT	Price
1" x 3/4" x 6.5	15/63	$91.09

708TCM
Flare x MNPT

Size	Carton PCS/WT	Price
1" x 3/4" x 6.5	15/37	$77.38

708TCF
Flare x FNPT

Size	Carton PCS/WT	Price
1" x 3/4" x 6.5	15/38	$85.30

708T2M
-22 CTS x MNPT

Size	Carton PCS/WT	Price
1" x 3/4" x 6.5	15/33	$85.11

708TQQ
Q CTS x Q CTS

Size	Carton PCS/WT	Price
1" x 3/4" x 6.5	15/70	$97.95

708TQF
Q CTS x FNPT

Size	Carton PCS/WT	Price
1" x 3/4" x 6.5	15/52	$86.52

708TTM
T CTS x MNPT

Size	Carton PCS/WT	Price
1" x 3/4" x 6.5	15/34	$85.11

OPTIONS

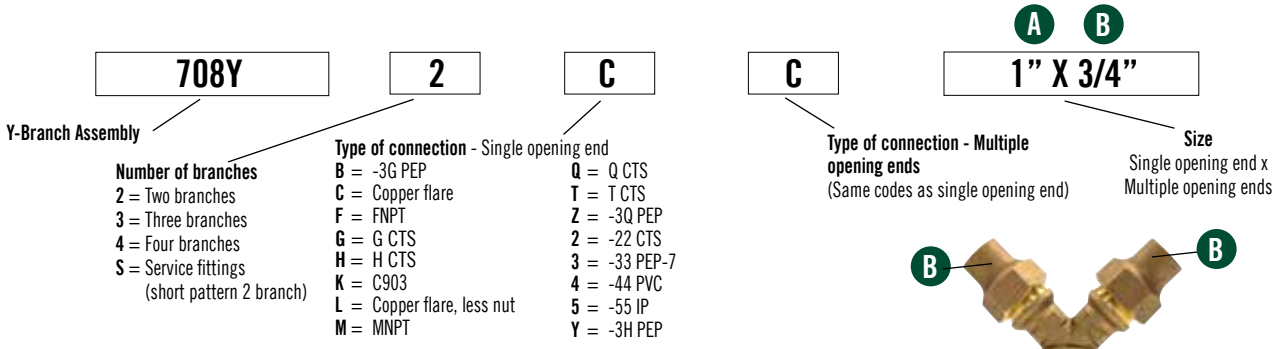
See page 9 for pricing of the following:

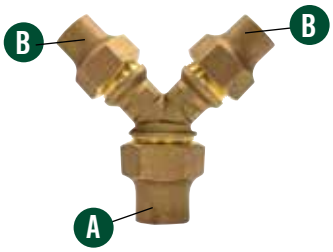
- For Handyloc - Replace "Q" with "H" or "-3Q" with "-3H" in 3/4" & 1" **only**.
- For C903 tube - Replace "Q" with "K". On "Q" Series options only 3/4" & 1" **only**.
- For valve or fitting less flare nut add "L" to end of model number.
- CTS Anode (QA) & Flare Anode (A) - Replace "Q" with "QA" or add "A" to flare.
- Insert stiffeners are **required** on all flexible plastic connections. (See page 24 for stiffeners)

Y-Branches

A.Y. McDonald Service Fittings are manufactured to meet or exceed the AWWA C800 (latest revision) standard. Our service fittings are rated to withstand the same pressures as the tubing they are designed to fit. They are designed and tested for cold potable water only. EPDM rubber gaskets are used in our Compression fittings.

To order Y-Branch Assemblies: Model No. 708Y2CC 1" x 3/4" means:





708YSMM
MNPT x MNPT

Size	Carton PCS/WT	Price
1" x 3/4"	20/14	$62.64
1" x 1"	20/14	$62.64

708YSMQ
MNPT x Q CTS



Size	Carton PCS/WT	Price
1" x 3/4"	20/26	$63.36
1" x 1"	20/33	$96.50

708YSCC
Flare x Flare



Size	Carton PCS/WT	Price
1" x 3/4"	20/42	$64.98
1" x 1"	10/25	$115.60

708YSMC
MNPT x Flare



Size	Carton PCS/WT	Price
1" x 3/4"	20/28	$58.15
1" x 1"	15/29	$101.49

708YSMT
MNPT x T CTS



Size	Carton PCS/WT	Price
1" x 3/4"	20/25	$63.36
1" x 1"	20/34	$96.50

708YSCM
Flare x MNPT

Size	Carton PCS/WT	Price
1" x 1"	20/28	$86.29

708YSM2
MNPT x -22 CTS



Size	Carton PCS/WT	Price
1" x 3/4"	20/23	$63.36
1" x 1"	20/34	$96.50

708YSM3
MNPT x -33 PEP-7

Size	Carton PCS/WT	Price
1" x 3/4"	15/27	$96.87

708YS22
-22 CTS x -22 CTS



Size	Carton PCS/WT	Price
1" x 3/4"	20/31	$67.49
1" x 1"	10/21	$103.41
1 1/4" x 1"	10/32	$143.99
1 1/2" x 1"	8/23	$163.22
2" x 1"	8/28	$188.67

708YSMG
MNPT x G CTS



Size	Carton PCS/WT	Price
1" x 3/4"	20/23	$63.36
1" x 1"	20/34	$96.50

708YSMZ
MNPT x -3Q PEP

Size	Carton PCS/WT	Price
1" x 3/4"	15/30	$96.87

708YS2M
-22 CTS x MNPT

Size	Carton PCS/WT	Price
1" x 1"	20/24	$94.16

OPTIONS

See page 9 for pricing of the following:

- For Handyloc - Replace "Q" with "H" or "-3Q" with "-3H" in 3/4" & 1" **only**.
- For C903 tube - Replace "Q" with "K". On "Q" Series options only 3/4" & 1" **only**.
- For valve or fitting less flare nut add "L" to end of model number.
- CTS Anode (QA) & Flare Anode (A) - Replace "Q" with "QA" or add "A" to flare.
- Insert stiffeners are **required** on all flexible plastic connections. (See page 24 for stiffeners)

Y-Branches

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708YS23
-22 CTS x -33 PEP-7

Size	Carton PCS/WT	Price
1" x 3/4"	10/25	$103.65
1 1/4" x 1"	10/41	$189.97

708YSGG
G CTS x G CTS



Size	Carton PCS/WT	Price
1" x 3/4"	20/40	$67.49
1" x 1"	10/29	$103.42
1 1/4" x 1"	10/34	$143.99
1 1/4" x 1 1/4"	10/41	$189.97
1 1/2" x 1"	8/26	$163.22
2" x 1"	8/28	$188.67

708YSQQ
Q CTS x Q CTS



Size	Carton PCS/WT	Price
1" x 3/4"	20/35	$67.49
1" x 1"	10/26	$103.41
1 1/4" x 1"	10/33	$143.99
1 1/4" x 1 1/4"	10/41	$189.97
1 1/2" x 1"	8/23	$163.22
2" x 1"	8/28	$188.67

708YSQM
Q CTS x MNPT

Size	Carton PCS/WT	Price
1" x 1"	20/27	$94.16

708YSQZ
Q CTS x -3Q PEP

Size	Carton PCS/WT	Price
1" x 3/4"	10/26	$103.65

708YSTT
T CTS x T CTS



Size	Carton PCS/WT	Price
1" x 3/4"	20/34	$67.49
1" x 1"	10/24	$103.42
1 1/4" x 1"	10/30	$143.99
1 1/2" x 1"	8/21	$163.22
2" x 1"	8/27	$188.67

708YS33
-33 PEP-7 x -33 PEP-7



Size	Carton PCS/WT	Price
1" x 3/4"	10/31	$139.34
1" x 1"	10/41	$189.97

708YSYY

Size	Carton PCS/WT	Price
1" x 3/4"	10/41	$156.02

708YSZZ
-3Q PEP x -3Q PEP

Size	Carton PCS/WT	Price
1" x 3/4"	10/33	$139.34
1" x 1"	10/43	$195.65

708YS44
-44 PVC x -44 PVC

Size	Carton PCS/WT	Price
1" x 3/4"	10/34	$139.34
1" x 1"	10/41	$189.97

708YS55
-55 IP x -55 IP

Size	Carton PCS/WT	Price
1" x 3/4"	10/28	$139.34
1" x 1"	10/41	$189.97

708Y2M2
MNPT x -22 CTS

Size	Carton PCS/WT	Price
1 1/2" x 1"	20/23	$63.36
2" x 1"	20/34	$96.50

708Y2MG
MNPT x G CTS



Size	Carton PCS/WT	Price
1 1/2" x 1"	8/19	$102.77
2" x 1"	8/21	$131.59

708Y2MQ
MNPT x Q CTS

Size	Carton PCS/WT	Price
1 1/2" x 1"	8/17	$102.77
2" x 1"	8/19	$131.59

708Y2MT
MNPT x T CTS Compression

Size	Carton PCS/WT	Price
1 1/2" x 1"	8/17	$102.77
2" x 1"	8/18	$131.59

708Y2MC
MNPT x Flare

Size	Carton PCS/WT	Price
1 1/2" x 1"	8/20	$158.70
2" x 1"	8/23	$152.81

OPTIONS

See page 9 for pricing of the following:

- For Handyloc - Replace "Q" with "H" or "-3Q" with "-3H" in 3/4" & 1" **only**.
- For C903 tube - Replace "Q" with "K". On "Q" Series options only 3/4" & 1" **only**.
- For valve or fitting less flare nut add "L" to end of model number.
- CTS Anode (QA) & Flare Anode (A) - Replace "Q" with "QA" or add "A" to flare.
- Insert stiffeners are **required** on all flexible plastic connections. (See page 24 for stiffeners)

Y-Branches

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708Y2CC
Flare x Flare

Size	Carton PCS/WT	Price
1" x 3/4"	1/3	$158.07
1" x 1"	1/4	$162.40
1 1/4" x 3/4"	1/4	$175.77
1 1/2" x 1"	1/5	$185.85

708Y3CC
Flare x Flare

Size	Carton PCS/WT	Price
1 1/2" x 3/4"	1/5	$330.29
1 1/2" x 1"	1/6	$334.95
2" x 1"	0/8	$415.22

708Y3MC
MNPT x Flare

Size	Carton PCS/WT	Price
2" x 1"	1/6	$266.79



708Y4MC
MNPT x Flare

Size	Carton PCS/WT	Price
2" x 3/4"	1/6	$421.26
2" x 1"	1/7	$471.20

708Y4M2
MNPT x -22 CTS

Size	Carton PCS/WT	Price
2" x 3/4"	1/6	$432.00
2" x 1"	1/6	$442.87



708Y4MG
MNPT x G CTS

Size	Carton PCS/WT	Price
2" x 3/4"	1/6	$432.00

708Y4MQ
MNPT x Q CTS

Size	Carton PCS/WT	Price
2" x 3/4"	1/6	$432.00

708Y4MT
MNPT x T CTS

Size	Carton PCS/WT	Price
2" x 3/4"	1/6	$432.00
2" x 1"	1/7	$442.87



708Y4CC
Flare x Flare

Size	Carton PCS/WT	Price
2" x 3/4"	1/10	$451.72
2" x 1"	1/11	$446.26

708Y422
-22 CTS x -22 CTS

Size	Carton PCS/WT	Price
2" x 3/4"	1/7	$497.86
2" x 1"	1/8	$508.58

708Y4GG
G CTS x G CTS

Size	Carton PCS/WT	Price
2" x 3/4"	1/7	$497.86
2" x 1"	1/8	$508.58

708Y4QQ
Q CTS x Q CTS

Size	Carton PCS/WT	Price
2" x 3/4"	1/7	$497.86
2" x 1"	1/8	$508.58

708Y4TT
T CTS x T CTS

Size	Carton PCS/WT	Price
2" x 3/4"	1/6	$497.86
2" x 1"	1/8	$508.58



74765
Multi-Service Y FNPT x (Four) FNPT

Size	Carton PCS/WT	Price
2" x 1"	10/28	$131.59

OPTIONS

See page 9 for pricing of the following:

- For Handyloc - Replace "Q" with "H" or "-3Q" with "-3H" in 3/4" & 1" **only**.
- For C903 tube - Replace "Q" with "K". On "Q" Series options only 3/4" & 1" **only**.
- For valve or fitting less flare nut add "L" to end of model number.
- CTS Anode (QA) & Flare Anode (A) - Replace "Q" with "QA" or add "A" to flare.
- Insert stiffeners are **required** on all flexible plastic connections. (See page 24 for stiffeners)

Nuts & Gaskets

4700
Copper Flare Nut



Size	Carton PCS/WT	Price
1/2"	50/8	$4.02
3/4"	50/17	$6.62
1"	50/28	$10.96
1 1/4"	25/22	$17.60
1 1/2"	20/27	$30.60
2"	20/47	$57.05

4700A
Copper Flare Nut with Anode



Size	Carton PCS/WT	Price
3/4"	50/22	$17.38
1"	50/35	$21.71

4700-22
Mac Pak -22 CTS Pack Nut & Gasket Assembly



Size	Carton PCS/WT	Price
1/2"	50/11	$7.15
3/4"	50/13	$7.87
1"	50/15	$12.08
1 1/4"	25/13	$21.60
2 1/2"	5/9	$61.26

4700-22-12
Mac Pak -22 CTS Pack Nut & Gasket Assembly



Size	Carton PCS/WT	Price
1 1/2"	20/16	$25.47
2"	20/28	$35.84

4700-22-16
Mac Pak -22 CTS Pack Nut & Gasket Assembly



Size	Carton PCS/WT	Price
1 1/2"	25/22	$25.47
2"	25/33	$35.84

4700-22FT
Mac Pak -22 CTS Pack Nut & Gasket Assembly



Size	Carton PCS/WT	Price
1 1/2"	20/24	$37.97
2"	20/32	$48.18

4700-22GA
Mac Pak -22 CTS Gasket Assembly



Size	Carton PCS/WT	Price
1/2"	50/1	$1.41
3/4"	50/1	$0.94
1"	50/1	$1.18
1 1/4"	50/2	$3.31
1 1/2"	10/1	$5.01
2"	10/1	$7.64

4700-22RWGA
Mac Pak -22 CTS Gasket Assembly



Size	Carton PCS/WT	Price
1 1/2"	10/1	$4.37
2"	10/1	$3.43

4700CSS
Mac Pak Small Clamp Screw

Size	Carton PCS/WT	Price
	25/1	$1.09

4700CSL
Mac Pak Large Clamp Screw

Size	Carton PCS/WT	Price
	25/1	$2.14

4700G
McGrip G CTS Grip Nut & Gasket Assembly



Size	Carton PCS/WT	Price
3/4"	50/20	$10.19
1"	50/27	$16.64
1 1/4"	25/20	$23.32

4700G-12
McGrip G CTS Grip Nut & Gasket Assembly



Size	Carton PCS/WT	Price
1 1/2"	25/22	$29.81
2"	25/28	$41.22

4700G-16
McGrip G CTS Grip Nut & Gasket Assembly



Size	Carton PCS/WT	Price
1 1/2"	25/22	$29.81
2"	25/29	$41.22

4700GFT
McGrip G CTS Grip Nut & Gasket Assembly



Size	Carton PCS/WT	Price
1 1/2"	25/27	$40.59
2"	25/35	$49.13

4700GGA
McGrip G CTS Gasket Assembly

Size	Carton PCS/WT	Price
3/4"	25/1	$3.40
1"	25/2	$4.27
1 1/4"	10/1	$7.33
1 1/2"	10/1	$11.25
2"	10/2	$16.86

4700GRWGA
McGrip G CTS Gasket Assembly

Size	Carton PCS/WT	Price
1 1/2"	10/1	$11.25
2"	10/2	$16.86

4700HAYS
Haystite Nut & Gasket Assembly

Size	Carton PCS/WT	Price
3/4"	60/20	$16.11
1"	24/14	$19.75

4700H
Handy-Loc H CTS Nut & Gasket Assembly



Size	Carton PCS/WT	Price
3/4"	50/15	$15.65
1"	50/22	$19.59

Nuts & Gaskets

4700HGR
Handy-Loc H CTS Gripper

Size	Carton PCS/WT	Price
3/4"	10/1	$1.88
1"	10/1	$1.88

4700HOR
Handy-Loc H CTS O-Ring

Size	Carton PCS/WT	Price
3/4"	10/1	$3.16
1"	10/1	$3.16

74700K
C903 K Nut & Gasket Assembly

Size	Carton PCS/WT	Price
3/4"	10/6	$42.17
1"	10/8	$55.71

4700KA
C903 K Nut with Anode & Gasket Assembly

Size	Carton PCS/WT	Price
3/4"	10/8	$52.91

4700KGR
C903 K Grip Ring

Size	Carton PCS/WT	Price
3/4"	10/2	$9.06
1"	10/1	$9.65

74700QCAP
Cap for CTS end

Size	Carton PCS/WT	Price
3/4"	25/7	$42.81
1"	25/17	$69.24

4700KOKIT
C903 K O-Ring

Size	Carton PCS/WT	Price
3/4"	10/1	$6.43
1"	10/1	$8.35

4700Q
McQuick Q CTS Quick Nut & Gasket Assembly



Size	Carton PCS/WT	Price
3/4"	50/14	$12.08
1"	50/23	$14.82
1 1/4"	25/14	$24.26

4700Q-12
McQuick Q CTS Quick Nut & Gasket Assembly



Size	Carton PCS/WT	Price
1 1/2"	20/12	$31.59
2"	20/16	$43.68

4700Q-16
McQuick Q CTS Quick Nut & Gasket Assembly



Size	Carton PCS/WT	Price
1 1/2"	25/14	$31.59
2"	25/25	$43.68

4700QA
McQuick Q CTS Quick Nut with Anode & Gasket Assembly

Size	Carton PCS/WT	Price
3/4"	50/18	$22.82
1"	25/14	$25.57
1 1/4"	25/15	$34.06

4700QA-12
McQuick Q CTS Quick Nut with Anode & Gasket Assembly

Size	Carton PCS/WT	Price
1 1/2"	20/16	$42.33
2"	20/18	$54.42

4700QA-16
McQuick Q CTS Quick Nut with Anode & Gasket Assembly

Size	Carton PCS/WT	Price
1 1/2"	25/17	$42.33
2"	20/18	$54.42

4700QGA
McQuick Q CTS Gasket Assembly

Size	Carton PCS/WT	Price
3/4"	50/1	$4.69
1"	50/2	$5.64
1 1/4"	10/1	$12.02
1 1/2"	10/1	$7.45
2"	10/1	$16.56

4700T
T CTS Nut & Gasket Assembly



Size	Carton PCS/WT	Price
3/4"	50/14	$10.13
1"	50/21	$16.60
1 1/4"	25/19	$23.31

4700T-12
T CTS Nut & Gasket Assembly



Size	Carton PCS/WT	Price
1 1/2"	20/10	$29.77
2"	20/15	$41.18

4700T-16
T CTS Nut & Gasket Assembly



Size	Carton PCS/WT	Price
1 1/2"	20/9	$40.56
2"	20/14	$49.13

Nuts & Gaskets

4700TFT
T CTS Nut & Gasket Assembly



Size	Carton PCS/WT	Price
1 1/2"	20/18	$40.56
2"	20/28	$49.13

4700TA
T CTS Nut with Anode & Gasket Assembly



Size	Carton PCS/WT	Price
3/4"	50/16	$20.88
1"	25/13	$27.35

4700TGA
T CTS Gasket Assembly

Size	Carton PCS/WT	Price
3/4"	50/1	$4.36
1"	50/2	$5.40
1 1/4"	10/1	$16.59
1 1/2"	10/1	$14.35
2"	10/2	$21.62

4700TRWGA
T CTS Gasket Assembly

Size	Carton PCS/WT	Price
1 1/2"	10/1	$13.59
2"	10/1	$13.85

4700-33
Mac Pak -33 SIDR 7 PEP
Pack Nut & Gasket Assembly



Size	Carton PCS/WT	Price
3/4"	50/18	$13.14
1"	25/13	$21.60
1 1/4"	20/22	$34.07
2"	20/31	$46.04

4700-33A
Mac Pak -33 SIDR 7 & PEP with Anode Connection

Size	Carton PCS/WT	Price
1 1/4"	20/24	$44.79
2"	20/31	$56.74

4700-33-12
Mac Pak -33 SIDR 7 PEP
Pack Nut & Gasket Assembly



Size	Carton PCS/WT	Price
1 1/2"	20/28	$35.33

4700-33FT
Mac Pak -33 SIDR 7 PEP
Pack Nut & Gasket Assembly



Size	Carton PCS/WT	Price
1 1/2"	20/33	$48.33

4700-33GA
Mac Pak -33 SIDR 7 PEP Gasket Assembly



Size	Carton PCS/WT	Price
3/4"	50/1	$3.41
1"	25/1	$3.31
1 1/4"	10/1	$7.79
1 1/2"	10/1	$7.64
2"	10/2	$4.75

4700-33RWGA
Mac Pak -33 SIDR 7 PEP Gasket Assembly



Size	Carton PCS/WT	Price
1 1/2"	10/1	$7.64

4700-34
Mac Pak -34 SIDR 9 PEP
Pack Nut & Gasket Assembly



Size	Carton PCS/WT	Price
3/4"	50/18	$13.14
1"	25/13	$21.60
1 1/4"	20/22	$34.07
2"	20/31	$46.04

4700-3GNS
Non-Stop McGrip Nut

Size	Carton PCS/WT	Price
3/4"	50/26	$14.64
1"	25/19	$23.32

4700-3G
McGrip -3G SIDR 7 PEP
Grip Nut & Gasket Assembly



Size	Carton PCS/WT	Price
3/4"	50/26	$14.64
1"	25/19	$23.32

4700-3GGA
McGrip -3G SIDR 7 PEP Gasket Assembly

Size	Carton PCS/WT	Price
3/4"	25/1	$6.50
1"	25/2	$7.33

4700-3H
Handy-Loc -3H SIDR 7 PEP
Nut & Gasket Assembly



Size	Carton PCS/WT	Price
3/4"	50/24	$19.36
1"	50/34	$30.46

4700-3HGR
Handy-Loc -3H SIDR 7 PEP Gripper

Size	Carton PCS/WT	Price
3/4"	10/1	$1.88
1"	10/1	$1.88

4700-3HOR
Handy-Loc -3H SIDR 7 PEP O-Ring

Size	Carton PCS/WT	Price
3/4"	10/1	$3.16
1"	10/1	$3.16

4700-3Q
McQuick -3Q SIDR 7 PEP
Quick Nut & Gasket Assembly



Size	Carton PCS/WT	Price
3/4"	50/23	$18.38
1"	50/28	$24.26

Nuts & Gaskets

4700-3QA
McQuick -3Q SIDR 7 PEP Quick Nut with Anode & Gasket Assembly

Size	Carton PCS/WT	Price
3/4"	25/14	$25.34
1"	25/16	$34.06

4700-3QGA
McQuick -3Q SIDR 7 PEP Gasket Assembly

Size	Carton PCS/WT	Price
3/4"	50/1	$5.44
1"	10/1	$7.45

4700-44
Mac Pak -44 PVC Pack Nut & Gasket Assembly



Size	Carton PCS/WT	Price
3/4"	50/18	$13.14
1"	25/13	$21.58
1 1/2"	20/20	$36.18
2"	20/30	$45.39

4700-44-12
Mac Pak -44 PVC Pack Nut & Gasket Assembly



Size	Carton PCS/WT	Price
1 1/4"	20/16	$23.07

4700-44FT
Mac Pak -44 PVC Pack Nut & Gasket Assembly



Size	Carton PCS/WT	Price
1 1/4"	20/24	$ 38.84

4700-44GA
Mac Pak -44 PVC Gasket Assembly



Size	Carton PCS/WT	Price
3/4"	50/1	$3.41
1"	50/1	$3.31
1 1/4"	10/1	$7.59
1 1/2	10/1	$3.29
2"	10/1	$6.87

4700-44RWGA
Mac Pak -44 PVC Gasket Assembly



Size	Carton PCS/WT	Price
1 1/4"	10/1	$3.02

4700-55
Mac Pak -55 IP Pack Nut & Gasket Assembly



Size	Carton PCS/WT	Price
3/4"	50/12	$8.44
1"	20/13	$14.64
1 1/2"	20/23	$27.43
2"	20/28	$34.70

4700-55GA
Mac Pak -55 IP Gasket Assembly



Size	Carton PCS/WT	Price
3/4"	50/1	$1.93
1"	50/2	$2.11
1 1/2"	10/5	$3.43
2"	10/8	$7.39

4700-66
Mac Pak -66 Strong Lead Pack Nut & Gasket Assembly



Size	Carton PCS/WT	Price
5/8"	10/5	$13.29
3/4"	10/8	$12.83
1"	10/10	$21.85

4700-66GA
Mac Pak -66 Strong Lead Gasket Assembly



Size	Carton PCS/WT	Price
5/8"	10/2	$1.93
3/4"	10/1	$1.18
1"	10/3	$2.44

4700-67
Mac Pak -67 X Strong Lead Pack Nut & Gasket Assembly



Size	Carton PCS/WT	Price
1/2"	10/3	$7.87
5/8"	10/5	$12.94
3/4"	10/8	$17.57
1"	10/10	$21.60
1 1/4"	10/13	$23.53
1 1/2"	10/15	$42.81
2"	10/18	$73.97

4700-67GA
Mac Pak -67 X Strong Lead Gasket Assembly



Size	Carton PCS/WT	Price
1/2"	10/1	$0.94
5/8"	10/1	$1.93
3/4"	10/1	$2.11
1"	10/2	$2.44
1 1/4"	10/1	$2.47
1 1/2"	10/5	$3.43
2"	10/8	$7.39

4700-68
Mac Pak -68 XX Strong Lead Pack Nut & Gasket Assembly



Size	Carton PCS/WT	Price
1/2"	50/19	$13.29
5/8"	10/5	$12.83
3/4"	10/8	$16.55
1"	10/10	$21.60

4700-68GA
Mac Pak -68 XX Strong Lead Gasket Assembly



Size	Carton PCS/WT	Price
1/2"	10/2	$1.93
5/8"	10/1	$1.18
3/4"	10/1	$2.48
1"	10/1	$2.35

Accessories

4772
CTS Chamfer Tool



Size	Carton PCS/WT	Price
3/4”	1/1	$35.53
1”	1/1	$35.53

4773
PEP Chamfer Tool



Size	Carton PCS/WT	Price
3/4”	1/1	$35.53
1”	1/1	$35.53

6125
Solid Copper Disc

Size	Carton PCS/WT	Price
3/4”	1/1	$2.47
1”	1/1	$3.29
1 1/4”	1/1	$4.89
1 1/2”	1/1	$8.11
2”	1/1	$9.01

6131T
Plastic CTS Insert Stiffener

Size	Carton PCS/WT	Price
3/4”	50/1	$1.79
1”	50/1	$2.48

74692
CTS x Flare Conversion Insert

Size	Carton PCS/WT	Price
3/4”	25/3	$18.68
1”	10/3	$23.25
1 1/4”	10/5	$137.93

74692CPLL
Female CTS Conversion Coupling to Flare

Size	Carton PCS/WT	Price
1 1/2”	10/21	$125.67
-16 1 1/2”	10/20	$125.67

4773R
Replacement Blades for Handy-Loc Chamfer Tools (25 per)

Size	Carton PCS/WT	Price
	25/25	$23.24

4774FR
Flaring/Rounding Tools

Size	Carton PCS/WT	Price
3/4”	1/2	$80.10
1”	1/3	$92.88
1 1/4”	1/4	$113.67
1 1/2”	1/5	$131.27
2”	1/8	$153.68

6133T
Stainless Steel CTS Insert Stiffener ASTM D2737 SDR 9

Size	Carton PCS/WT	Price
3/4”	50/2	$2.54
1”	50/3	$2.69
1 1/4”	50/3	$3.31
1 1/2”	50/5	$3.71
2”	50/6	$3.71

6136
Stainless Steel PEP Insert Stiffener ASTM D2239 SIDR 7 and 9

Size	Carton PCS/WT	Price
3/4”	50/3	$2.87
1”	50/4	$3.31
1 1/4”	50/5	$4.92
1 1/2”	50/6	$3.71
2”	25/4	$5.92

74692CPLQ
Female CTS x CTS

Size	Carton PCS/WT	Price
2” x 1 1/2”	10/31	$166.79

74692PEP
PEP to Flare Conversion Insert

Size	Carton PCS/WT	Price
3/4”	10/3	$23.25

74694-33-22
Conversion Coupling PEP to CTS

Size	Carton PCS/WT	Price
3/4” x 1”	10/8	$97.32

4775N
Flaring Tools



Size	Carton PCS/WT	Price
3/4”	1/1	$30.33
1”	1/2	$42.86
1 1/4”	1/2	$67.56
1 1/2”	1/3	$84.22
2”	1/4	$115.81

6137
Stainless Steel IPS Insert Stiffener ASTM D3035 SDR 9

Size	Carton PCS/WT	Price
3/4”	50/3	$2.54
1”	50/4	$2.69
1 1/4”	25/3	$5.41
1 1/2”	25/4	$5.80
2”	25/4	$6.56

6138
Stainless Steel IPS Insert Stiffener ASTM D3035 SDR 11

Size	Carton PCS/WT	Price
3/4”	50/3	$2.54
1”	50/4	$2.69
1 1/4”	25/3	$5.41
1 1/2”	25/4	$5.80
2”	25/5	$6.56

74692T
CTS x CTS Reducing Adapter

Size	Carton PCS/WT	Price
1” x 3/4”	1/1	$42.54

74692Q
CTS x CTS Reducing Adapter

Size	Carton PCS/WT	Price
1” x 3/4”	1/1	$42.54

74693
Plug Kit for CTS

Size	Carton PCS/WT	Price
3/4”	10/4	$51.92
1”	10/6	$56.41





















THE CUSTOMER IS THE BOSS

EST. 1856

McDonald

Meter Valves

Water Works Catalog / Price List - April 2019

MORE THAN A BRAND. WE'RE A FAMILY.

Meter Couplings - Straight

Meter swivel nuts are less saddle, have internal straight threads per AWWA C700 and include hole for wire seal unless otherwise indicated. EPDM rubber gaskets are supplied and are standard.
(For Meter Dimensions see page 235)

3/4" METER SWIVEL FITS 5/8" X 3/4", OR 3/4" METERS

74620

Meter Swivel x MNPT



Size	Meter Size	Length	MNPT Outlet	Carton PCS/WT	Price
5/8" x 1/2" x 2.38	5/8"	2 3/8"	1/2"	50/17	$15.36
5/8" x 3/4" x 2.19	5/8"	2 3/16"	3/4"	50/21	$19.16
3/4" x 3/4" x 2.50	5/8" x 3/4" or 3/4"	2 1/2"	3/4"	50/20	$17.38
3/4" x 1/2" x 1.63	5/8" x 3/4" or 3/4"	1 5/8"	1/2"	50/16	$21.51
3/4" x 1/2" x 2.38	5/8" x 3/4" or 3/4"	2 3/8"	1/2"	50/18	$22.05
3/4" x 1" x 2.50	5/8" x 3/4" or 3/4"	2 1/2"	1"	50/31	$27.05
3/4" x 3/4" x 2.00	5/8" x 3/4" or 3/4"	2"	3/4"	50/20	$17.38
3/4" x 3/4" x 2.25	5/8" x 3/4" or 3/4"	2 1/4"	3/4"	50/21	$17.38
3/4" x 3/4" x 2.75	5/8" x 3/4" or 3/4"	2 3/4"	3/4"	50/23	$19.32
3/4" x 3/4" x 3.00	5/8" x 3/4" or 3/4"	3"	3/4"	50/25	$21.08
3/4" x 3/4" x 3.28	5/8" x 3/4" or 3/4"	3 9/32"	3/4"	50/23	$22.32
3/4" x 3/4" x 3.50	5/8" x 3/4" or 3/4"	3 1/2"	3/4"	50/25	$24.00
3/4" x 3/4" x 8.50	5/8" x 3/4" or 3/4"	8 1/2"	3/4"	20/22	$44.78
3/4" x 3/4" x 12.00	5/8" x 3/4" or 3/4"	12"	3/4"	20/43	$91.39
1" x 1" x 2.63	1"	2 5/8"	1"	50/30	$26.78
1" x 3/4" x 1.75	1"	1 3/4"	3/4"	50/27	$26.04
1" x 1" x 3.00	1"	3"	1"	50/33	$30.29
1" x 1" x 3.35	1"	3 23/64"	1"	50/35	$34.70
1" x 1" x 3.50	1"	3 1/2"	1"	20/17	$34.70
1" x 1" x 8.50	1"	8 1/2"	1"	20/41	$60.61
1" x 1" x 12.00	1"	12"	1"	20/57	$123.77
1 1/2" x 1 1/2" x 2.84	1 1/2"	2 27/32"	1 1/2"	25/45	$74.15
2" x 2" x 3.00	2"	3"	2"	15/33	$103.31

74620KIT

Meter Swivel x MNPT

Size	Meter Size	Length	MNPT Outlet	Carton PCS/WT	Price
5/8" x 1/2" x 2.38	5/8"	2 3/8"	1/2"	25/17	$30.71
3/4" x 3/4" x 2.50	5/8" x 3/4" or 3/4"	2 1/2"	3/4"	25/21	$34.77
3/4" x 1/2" x 2.38	5/8" x 3/4" or 3/4"	2 3/8"	1/2"	25/20	$44.08
1" x 1" x 2.63	1"	2 5/8"	1"	25/30	$53.57
1 1/2" x 1 1/2" x 2.75*	1 1/2"	2 3/4"	1 1/2"	4/23	$278.88
2" x 2" x 3.00*	2"	3"	2"	4/29	$395.84

*(Two pieces per bag w/gaskets, order in bag quantities)
Includes 2 Bushings 74620BB

74620H

Meter Swivel x MNPT with Internal Driving Hex



Size	Meter Size	Length	MNPT Outlet	Carton PCS/WT	Price
3/4" x 1 1/2"	5/8" x 3/4" or 3/4"	1 1/2"	3/4"	50/18	$ 19.77
3/4" x 1 5/8"	5/8" x 3/4" or 3/4"	1 5/8	3/4"	50/17	$ 17.37
3/4" x 1 7/16"	5/8" x 3/4" or 3/4"	1 7/16"	3/4"	50/16	$ 19.77

4620HEX

Driving Key for Internal Hex Meter Couplings



Size	Meter Size	Length	MNPT Outlet	Carton PCS/WT	Price
5/8" (74620H)	N/A	4"		1/1	$12.00
13/16" (74628H)	N/A	4"		1/1	$14.34

74622

Meter Swivel x MNPT less wire seal hole



Size	Meter Size	Length	MNPT Outlet	Carton PCS/WT	Price
5/8" x 1/2" x 2.38	5/8"	2 3/8"	1/2"	50/17	$13.59
3/4" x 3/4" x 2.50	5/8" x 3/4" or 3/4"	2 1/2"	3/4"	50/21	$15.63
1" x 1" x 2.63	1"	2 5/8"	1"	50/30	$25.04

74624

Meter Swivel less wire seal hole x MNPT Smooth Barrel



Size	Meter Size	Length	MNPT Outlet	Carton PCS/WT	Price
5/8" x 1/2" x 2.38	5/8"	2 3/8"	1/2"	50/18	$21.94
3/4" x 3/4" x 2.50	5/8" x 3/4" or 3/4"	2 1/2"	3/4"	50/25	$25.81
3/4" x 3/4" x 1.81	5/8" x 3/4" or 3/4"	1 13/16"	3/4"	50/19	$25.81
3/4" x 3/4" x 2.00	5/8" x 3/4" or 3/4"	2"	3/4"	50/21	$25.81
3/4" x 3/4" x 2.25	5/8" x 3/4" or 3/4"	2 1/4"	3/4"	50/23	$25.81
3/4" x 3/4" x 2.68	5/8" x 3/4" or 3/4"	2 11/16"	3/4"	50/25	$25.81
1" x 1" x 2.63	1"	2 5/8"	1"	50/35	$30.81
1" x 1" x 1.81	1"	1 13/16"	1"	50/28	$30.81
1" x 1" x 2.00	1"	2"	1"	50/30	$30.81
1" x 1" x 2.25	1"	2 1/4"	1"	50/32	$30.81
1" x 1" x 2.50	1"	2 1/2"	1"	50/34	$30.81
1" x 1" x 2.68	1"	2 11/16"	1"	50/38	$30.81

746201

Meter Couplings with Single Check Valves



Size	Meter Size	Length	MNPT Outlet	Carton PCS/WT	Price
5/8" x 1/2" x 2.38	5/8"	2 3/8"	1/2"	50/23	$38.90
3/4" x 3/4" x 2.50	5/8" x 3/4" or 3/4"	2 1/2"	3/4"	50/28	$44.22
1" x 1" x 2.63	1"	2 5/8"	1"	50/40	$55.43

746202

Meter Couplings with Dual Check Valves



Size	Meter Size	Length	MNPT Outlet	Carton PCS/WT	Price
5/8" x 1/2" x 2.38	5/8"	2 3/8"	1/2"	50/14	$41.28
3/4" x 3/4" x 2.50	5/8" x 3/4" or 3/4"	2 1/2"	3/4"	50/28	$46.94
1" x 1" x 2.63	1"	2 5/8"	1"	50/42	$64.78

Meter Couplings - Straight

Meter swivel nuts are less saddle, have internal straight threads per AWWA C700 and include hole for wire seal unless otherwise indicated. EPDM rubber gaskets are supplied and are standard.
(For Meter Dimensions see page 235)

3/4" METER SWIVEL FITS 5/8" X 3/4", OR 3/4" METERS

74628

Meter Swivel x MNPT Smooth Barrel



Size	Meter Size	Length	MNPT Outlet	Carton PCS/WT	Price
5/8" x 1/2" x 1.25	5/8"	1 1/4"	1/2"	50/14	$21.94
5/8" x 1/2" x 1.50	5/8"	1 1/2"	1/2"	50/15	$21.94
5/8" x 1/2" x 1.75	5/8"	1 3/4"	1/2"	50/16	$17.13
5/8" x 1/2" x 2.00	5/8"	2"	1/2"	50/18	$21.94
5/8" x 1/2" x 2.17	5/8"	2 1/8"	1/2"	50/19	$21.94
5/8" x 1/2" x 2.38	5/8"	2 3/8"	1/2"	50/19	$21.94
3/4" x 3/4" x 1.25	5/8" x 3/4" or 3/4"	1 1/4"	3/4"	50/16	$25.81
3/4" x 3/4" x 2.00	5/8" x 3/4" or 3/4"	2"	3/4"	50/20	$25.81
3/4" x 3/4" x 2.50	5/8" x 3/4" or 3/4"	2 1/2"	3/4"	50/23	$25.81
1" x 1" x 2.00	1"	2"	1"	50/30	$34.74
1" x 1" x 2.63	1"	2 5/8"	1"	50/37	$30.81

74628KIT

Meter Swivel x MNPT (Two pieces per bag w/gaskets, order in bag quantities) Smooth Barrel

Size	Meter Size	Length	MNPT Outlet	Carton PCS/WT	Price
5/8" x 1/2" x 1.25	5/8"	1 1/4"	1/2"	25/15	$43.84
3/4" x 3/4" x 1.25	5/8" x 3/4" or 3/4"	1 1/4"	3/4"	25/18	$51.61

74628H

Meter Swivel x MNPT w/Internal Hex Drive



Size	Meter Size	Length	MNPT Outlet	Carton PCS/WT	Price
1" x 1" x 1.50	1"	1 1/2"	1"	50/28	$26.04
1" x 1" x 2.00	1"	2"	1"	50/33	$26.04

74619A

MNPT x Male Meter Thread

Size	Carton PCS/WT	Price
3/4" x .62"	24/5	$28.52

74619

MNPT x Male Meter Thread

Size	Length	Carton PCS/WT	Price
5/8"	1 15/16"	25/7	$23.25
5/8" x 1/2"	1 12/16"	25/8	$23.25
3/4"	1 15/16"	25/9	$17.42
3/4" x 1" x 2.18	2 3/16"	25/9	$46.35
3/4" x 2.43	2 7/16"	25/9	$43.23
1"	2 17/64"	25/12	$23.91
1" x 1 1/4" x 2.12	2 1/8"	25/13	$42.81
1 1/2"	2 3/64"	20/20	$45.70
2"	2 6/64"	10/19	$81.84

74619F

FNPT x Male Meter Thread



Size	Length	Carton PCS/WT	Price
3/4"	1 5/8"	25/10	$20.90
1"	1 3/8"	25/10	$23.91

74620BB

Male Meter Thread x FNPT



Size	Length	Carton PCS/WT	Price
1 1/2" x 1 1/2"	1 17/32"	25/25	$59.69
2" x 2"	1 47/64"	25/36	$94.59

74620MM

Meter Swivel x Meter Swivel



Size	Length	Carton PCS/WT	Price
3/4" x 3/4" x 2.20	2 13/64"	25/22	$28.20

74620TUB Copper Tube Flange

Meter Swivel x Male Pipe Thread

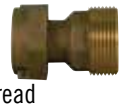
Size	Length	Carton PCS/WT	Price
3/4" x 3/4" x 4.00	4"	25/13	$41.94
3/4" x 3/4" x 12.50	12 1/2"	25/25	$76.25
3/4" x 1" x 12.00	12"	25/25	$85.40
1" x 1" x 10.00	10"	25/38	$94.54

Meter Couplings - Straight

Meter swivel nuts are less saddle, have internal straight threads per AWWA C700, and include hole for wire seal unless otherwise indicated. EPDM rubber gaskets are supplied and are standard. (For Meter Dimensions see page 235)

- Insert stiffeners are required on all flexible plastic connections, see the Service Fittings section for more information.

3/4" METER SWIVEL FITS 5/8" X 3/4" OR 3/4" METERS



74636
Meter Swivel x Male Meter Thread

Size	Carton PCS/WT	Price
3/4" x 1"	25/27	$48.31



74637
Meter Swivel x FNPT

Size	Carton PCS/WT	Price
5/8" x 3/4"	50/27	$18.83
3/4" x 3/4"	50/29	$25.50
3/4" x 1"	50/35	$28.60
1" x 1"	50/38	$36.75
1" x 1 1/4"	25/34	$44.93

74638
Meter Swivel x Flare

Size	Carton PCS/WT	Price
3/4" x 3/4"	50/45	$30.59
1" x 1"	25/33	$51.36



74638-22
Meter Swivel x -22 CTS

Size	Carton PCS/WT	Price
5/8" x 1/2"	50/31	$30.49
5/8" x 3/4"	50/41	$31.55
3/4" x 1/2"	50/42	$34.00
3/4" x 3/4"	50/40	$33.35
3/4" x 1"	25/24	$35.95
3/4" x 1 1/4"	25/38	$40.77
1" x 1"	25/29	$44.96
1" x 1 1/4"	25/43	$70.89



74638G
Meter Swivel x G CTS

Size	Carton PCS/WT	Price
5/8" x 3/4"	50/43	$31.55
3/4" x 3/4"	50/47	$33.35
3/4" x 1"	25/29	$35.95
3/4" x 1 1/4"	25/38	$40.77
1" x 1"	25/35	$44.96
1" x 1 1/4"	25/43	$70.89



74638Q
Meter Swivel x Q CTS

Size	Carton PCS/WT	Price
5/8" x 3/4"	50/43	$31.55
3/4" x 3/4"	50/43	$33.35
3/4" x 1"	25/27	$35.95
3/4" x 1 1/4"	25/43	$40.77
1" x 1"	25/34	$44.96
1" x 1 1/4"	25/48	$70.89



74638T
Meter Swivel x T CTS

Size	Carton PCS/WT	Price
5/8" x 3/4"	50/43	$31.55
3/4" x 3/4"	50/43	$33.35
3/4" x 1"	25/26	$35.95
3/4" x 1 1/4"	25/38	$40.77
1" x 1"	25/29	$44.96
1" x 1 1/4"	25/43	$70.89



74638-33
Meter Swivel x -33 PEP-7

Size	Carton PCS/WT	Price
3/4" x 3/4"	25/25	$40.23
3/4" x 1"	25/39	$43.39
1" x 1"	25/44	$66.66



74638-34
Meter Swivel x -34 PEP-9

Size	Carton PCS/WT	Price
3/4" x 3/4"	25/25	$40.23
3/4" x 1"	25/39	$43.39
1" x 1"	25/44	$66.66



74638-3G
Meter Swivel x -3G PEP

Size	Carton PCS/WT	Price
3/4" x 3/4"	25/25	$40.23
3/4" x 1"	25/39	$43.39
1" x 1"	25/44	$66.66



74638-3Q
Meter Swivel x -3Q PEP

Size	Carton PCS/WT	Price
3/4" x 3/4"	25/27	$40.23
3/4" x 1"	25/38	$43.39
1" x 1"	25/43	$66.66



74638-44
Meter Swivel x -44 PVC

Size	Carton PCS/WT	Price
3/4" x 3/4"	25/24	$40.23
3/4" x 1"	25/40	$43.39
1" x 1"	25/42	$67.77

74638-55
Meter Swivel x -55 IP

Size	Carton PCS/WT	Price
3/4" x 3/4"	25/23	$37.73
3/4" x 1"	25/40	$43.39
1" x 1"	25/44	$67.77

OPTIONS

See page 9 for pricing of the following:

- For Handyloc - Replace "Q" with "H" or "-3Q" with "-3H" in 3/4" & 1" **only**.
- For C903 tube - Replace "Q" with "K". On "Q" Series options only 3/4" & 1" **only**.
- For valve or fitting less flare nut add "L" to end of model number.
- CTS Anode (QA) & Flare Anode (A) - Replace "Q" with "QA" or add "A" to flare.
- Insert stiffeners are **required** on all flexible plastic connections. (See page 24 for stiffeners)

Meter Couplings - 90º Angle

Meter swivel nuts are less saddle, have internal straight threads per AWWA C700, and include hole for wire seal unless otherwise indicated. EPDM rubber gaskets are supplied and are standard.

- Insert stiffeners are required on all flexible plastic connections, see the Service Fittings section for more information.

3/4" METER SWIVEL FITS 5/8" X 3/4" OR 3/4" METERS



74621
Meter Swivel x MNPT

Size	Carton PCS/WT	Price
5/8" x 1/2"	50/23	$25.62
5/8" x 3/4"	50/33	$25.58
3/4" x 3/4"	50/27	$25.54
3/4" x 1/2"	50/28	$26.26
3/4" x 1"	20/15	$29.74
1" x 1"	50/45	$36.51



74623
Meter Swivel x MNPT less wire seal hole

Size	Carton PCS/WT	Price
5/8" x1/2"	50/24	$26.83
3/4" x 3/4"	50/26	$23.82
1" x 1"	50/45	$33.07



74632
Meter Swivel x FNPT

Size	Carton PCS/WT	Price
5/8" x 3/4"	25/21	$24.47
3/4" x 3/4"	25/18	$30.17
3/4" x 1"	25/25	$35.04
1" x 1"	25/30	$44.38

74621KIT
Meter Swivel x MNPT (Two pieces per bag w/Rubber Gaskets) (Order in carton quantities)

Size	Carton PCS/WT	Price
5/8" x 1/2"	25/23	$51.23
3/4" x 3/4"	25/26	$51.09
1" x 1"	25/22	$73.01

Meter Couplings - 45º Angle

3/4" METER SWIVEL FITS 5/8", 5/8" X 3/4", OR 3/4" METERS

Meter swivel nuts are less saddle, have internal straight threads per AWWA C700, and include hole for wire seal unless otherwise indicated. EPDM rubber gaskets are supplied and are standard.

- Insert stiffeners are required on all flexible plastic connections, see the Service Fittings section for more information.

74745S
Meter Swivel x Flare

Size	Carton PCS/WT	Price
5/8" x 3/4"	25/23	$28.16
3/4" x 3/4"	25/26	$34.52
3/4" x 1"	20/25	$45.14
1" x 1"	20/24	$53.35

74745S-22
Meter Swivel x -22 CTS

Size	Carton PCS/WT	Price
5/8" x 3/4"	25/13	$32.04
3/4" x 3/4"	25/24	$36.64
3/4" x 1"	20/24	$61.33
1" x 1"	20/27	$63.48

74745SQ
Meter Swivel x Q CTS

Size	Carton PCS/WT	Price
5/8" x 3/4"	25/13	$32.04
3/4" x 3/4"	25/24	$36.64
3/4" x 1"	20/24	$61.33
1" x 1"	20/27	$63.48

74745SF
Meter Swivel x FNPT

Size	Carton PCS/WT	Price
5/8" x 3/4"	25/2	$23.25
3/4" x 3/4"	25/19	$42.54
3/4" x 1"	20/27	$35.07
1" x 1"	20/18	$43.08

74745SG
Meter Swivel x G CTS

Size	Carton PCS/WT	Price
5/8" x 3/4"	25/13	$32.04
3/4" x 3/4"	25/24	$36.64
3/4" x 1"	20/24	$61.33
1" x 1"	20/27	$63.48

74745ST
Meter Swivel x T CTS

Size	Carton PCS/WT	Price
5/8" x 3/4"	25/13	$32.04
3/4" x 3/4"	25/24	$36.64
3/4" x 1"	20/24	$61.33
1" x 1"	20/27	$63.48

74745SP
Meter Swivel x MNPT

Size	Carton PCS/WT	Price
5/8" x 3/4"	25/20	$22.94
3/4" x 3/4"	25/16	$42.24
1" x 1"	20/24	$42.78

OPTIONS

See page 9 for pricing of the following:

- For Handyloc - Replace "Q" with "H" or "-3Q" with "-3H" in 3/4" & 1" **only**.
- For C903 tube - Replace "Q" with "K". On "Q" Series options only 3/4" & 1" **only**.
- For valve or fitting less flare nut add "L" to end of model number.
- CTS Anode (QA) & Flare Anode (A) - Replace "Q" with "QA" or add "A" to flare.
- Insert stiffeners are **required** on all flexible plastic connections. (See page 24 for stiffeners)

Meter Couplings - 90º Angle

Meter swivel nuts are less saddle, have internal straight threads per AWWA C700, and include hole for wire seal unless otherwise indicated. EPDM rubber gaskets are supplied and are standard.

- Insert stiffeners are required on all flexible plastic connections, see the Service Fittings section for more information.

3/4" METER SWIVEL FITS 5/8" X 3/4" OR 3/4" METERS



74783S
Meter Swivel x Flare

Size	Carton PCS/WT	Price
5/8" x 3/4"	25/28	$29.37
3/4" x 3/4"	25/30	$35.69
3/4" x 1"	25/35	$45.10
1" x 1"	25/40	$54.51



74783SQ
Meter Swivel x Q CTS

Size	Carton PCS/WT	Price
5/8" x 3/4"	25/24	$33.31
3/4" x 3/4"	25/27	$37.89
3/4" x 1"	25/34	$59.58
1" x 1"	25/38	$64.63



74783S-3G
Meter Swivel x -3G PEP

Size	Carton PCS/WT	Price
3/4" x 3/4"	25/34	$44.03
3/4" x 1"	20/42	$77.38



74783S-22
Meter Swivel x -22 CTS

Size	Carton PCS/WT	Price
5/8" x 3/4"	25/23	$33.31
3/4" x 3/4"	25/25	$37.89
3/4" x 1"	25/33	$44.03
1" x 1"	25/35	$59.99



74783ST
Meter Swivel x T CTS

Size	Carton PCS/WT	Price
5/8" x 3/4"	25/25	$33.31
3/4" x 3/4"	25/27	$37.89
3/4" x 1"	25/34	$59.58
1" x 1"	25/38	$59.99



74783S-3Q
Meter Swivel x -3Q PEP

Size	Carton PCS/WT	Price
3/4" x 3/4"	25/34	$44.03
3/4" x 1"	20/42	$77.38



74783SG
Meter Swivel x G CTS

Size	Carton PCS/WT	Price
5/8" x 3/4"	25/23	$33.31
3/4" x 3/4"	25/29	$37.89
3/4" x 1"	25/33	$44.03
1" x 1"	25/40	$59.99



74783S-33
Meter Swivel x -33 PEP-7

Size	Carton PCS/WT	Price
3/4" x 3/4"	25/34	$44.03
3/4" x 1"	20/42	$77.38

74783S-44
Meter Swivel x -44 PVC

Size	Carton PCS/WT	Price
3/4" x 3/4"	25/34	$44.03
3/4" x 1"	20/42	$77.38



74783S-34
Meter Swivel x -34 PEP-9

Size	Carton PCS/WT	Price
3/4" x 3/4"	25/34	$44.03
3/4" x 1"	20/42	$77.38

74783S-55
Meter Swivel x -55 IP

Size	Carton PCS/WT	Price
3/4" x 3/4"	25/34	$44.03
3/4" x 1"	20/42	$77.38

OPTIONS

See page 9 for pricing of the following:

- For Handyloc - Replace "Q" with "H" or "-3Q" with "-3H" in 3/4" & 1" **only**.
- For C903 tube - Replace "Q" with "K". On "Q" Series options only 3/4" & 1" **only**.
- For valve or fitting less flare nut add "L" to end of model number.
- CTS Anode (QA) & Flare Anode (A) - Replace "Q" with "QA" or add "A" to flare.
- Insert stiffeners are **required** on all flexible plastic connections. (See page 24 for stiffeners)

Angle Valves - Plug Style

Meter swivel nuts are less saddle unless otherwise indicated, have internal straight threads per AWWA C700, and include hole for wire seal unless otherwise indicated. EPDM rubber gaskets are supplied and are standard.

- Insert stiffeners are required on all flexible plastic connections, see page 24 for stiffeners.
- Angle plug valve operating head rotates 180º open to close.
- When one size is displayed, inlet & outlet are the same size.
- All Angle Plug Valves have a lockwing to lock in the closed position.
- Plug valves are directional.
- 100 PSIG Maximum

3/4" METER SWIVEL FITS 5/8" X 3/4" OR 3/4" METERS



74604
FNPT x Meter Swivel w/Saddle Nut

Size	Carton PCS/WT	Price
3/4"	25/32	$55.57
3/4" x 5/8"	10/12	$51.88
1"	20/38	$85.20
1" x 5/8"	10/14	$62.85
1" x 3/4"	25/36	$59.33
1 1/4" x 1"	10/24	$103.53



74602Q
Q CTS x Meter Swivel

Size	Carton PCS/WT	Price
3/4"	25/37	$71.08
3/4" x 5/8"	10/15	$67.43
1"	20/46	$97.27
1" x 5/8"	10/18	$74.83
1" x 3/4"	20/36	$78.61



74602-3Q
-3Q PEP x Meter Swivel

Size	Carton PCS/WT	Price
3/4"	20/34	$78.61
3/4" x 5/8"	10/18	$74.83
1"	10/25	$117.92



74602
Flare x Meter Swivel

Size	Carton PCS/WT	Price
3/4"	25/40	$66.71
3/4" x 5/8"	10/16	$62.85
1"	20/50	$90.84
1" x 5/8"	10/19	$70.30
1" x 3/4"	20/39	$74.07



74602T
T CTS x Meter Swivel

Size	Carton PCS/WT	Price
3/4"	25/37	$71.08
3/4" x 5/8"	10/15	$67.43
1"	20/45	$97.27
1" x 5/8"	10/16	$74.83
1" x 3/4"	20/36	$78.61
1 1/4" x 1"	10/26	$136.53



74602-44
-44 PVC x Meter Swivel

Size	Carton PCS/WT	Price
3/4"	20/34	$78.61
3/4" x 5/8"	10/13	$74.83
1"	10/26	$117.92



74602-22
-22 CTS x Meter Swivel

Size	Carton PCS/WT	Price
3/4"	25/37	$71.08
3/4" x 5/8"	10/15	$67.43
1"	20/43	$97.27
1" x 5/8"	10/16	$74.83
1" x 3/4"	20/33	$78.61
1 1/4" x 1"	10/25	$136.53



74602-33
-33 PEP-7 x Meter Swivel

Size	Carton PCS/WT	Price
3/4"	20/35	$78.61
3/4" x 5/8"	10/17	$74.83
1"	10/25	$117.92

74602-55
-55 IP x Meter Swivel

Size	Carton PCS/WT	Price
3/4"	20/28	$78.61
3/4" x 5/8"	10/15	$74.83
1"	10/26	$117.92

74602-34
-34 PEP-9 x Meter Swivel

Size	Carton PCS/WT	Price
3/4"	20/35	$78.61
3/4" x 5/8"	10/17	$74.83
1"	10/25	$117.92



74602G
G CTS x Meter Swivel

Size	Carton PCS/WT	Price
3/4"	25/39	$71.08
3/4" x 5/8"	10/15	$67.43
1"	20/47	$97.27
1" x 5/8"	10/16	$74.83
1" x 3/4"	20/38	$78.61



74602-3G
-3G PEP x Meter Swivel

Size	Carton PCS/WT	Price
3/4"	20/34	$78.61
3/4" x 5/8"	10/17	$74.83
1"	10/25	$117.92

OPTIONS

- See page 9 for pricing of the following:
- For Handyloc - Replace "Q" with "H" or "-3Q" with "-3H" in 3/4" & 1" **only**.
- For C903 tube - Replace "Q" with "K". On "Q" Series options only 3/4" & 1" **only**.
- For valve or fitting less flare nut add "L" to end of model number.
- CTS Anode (QA) & Flare Anode (A) - Replace "Q" with "QA" or add "A" to flare.
- Insert stiffeners are **required** on all flexible plastic connections. (See page 24 for stiffeners)

Full Port Angle Valves - Ball Style



*Oval Flange

300 PSI - LOCKWING | FOR 5/8", 5/8" x 3/4", 3/4", 1", 1 1/2" OR 2" METERS

Meter swivel nuts are less saddle unless otherwise indicated have internal straight threads per AWWA C700, and include hole for wire seal unless otherwise indicated. EPDM rubber gaskets are supplied and are standard.

- Insert stiffeners are required on all flexible plastic connections, see page 24 for stiffeners.
- Angle ball valve operating head rotates 90º open to close. (360° available, see page 9 for pricing)
- Angle meter ball valves are non-directional
- When one size is displayed - Inlet, Port Size and Meter Size are the same size (3/4" meter swivel fits 5/8" x 3/4" or 3/4" meters)
- 2" Oval flange is drilled for both 1 1/2" & 2" meters.
- All angle ball valves have a lockwing for locking in the closed position.
- Brass and stainless steel handles are available, contact factory.
- Double Lockwing available, contact factory.
- For Telescoping Meter Flange option, add $44.98 to list price, add "E" to the model number, i.e. 74604B 2" becomes 7E4604B 2".

74604B

FNPT x Meter Swivel with Saddle or Oval Flange

Size	Carton PCS/WT	Price
3/4"	10/18	$123.32
3/4" x 3/4" x 5/8"	10/17	$121.71
1"	10/30	$185.83
1" x 3/4" x 5/8"	10/19	$126.83
1" x 3/4" x 3/4"	10/19	$128.30
*1 1/2"	4/28	$403.26
*2"	4/36	$475.86

*Oval Flange



74602B

Flare x Meter Swivel or Oval Flange

Size	Carton PCS/WT	Price
3/4"	10/20	$131.79
3/4" x 3/4" x 5/8"	10/20	$129.97
1"	10/35	$196.69
1" x 3/4" x 5/8"	10/23	$141.35
1" x 3/4" x 3/4"	10/25	$142.95
*1 1/2"	2/17	$448.51
*2"	2/25	$571.91

*Oval Flange



74602B-22

-22 CTS x Meter Swivel or Oval Flange

Size	Carton PCS/WT	Price
3/4"	10/19	$135.55
3/4" x 3/4" x 5/8"	10/19	$134.06
1"	10/31	$203.42
1" x 3/4" x 5/8"	10/22	$152.40
1" x 3/4" x 3/4"	10/22	$153.86
1 1/4" x 3/4" x 3/4"	10/28	$190.93
1 1/4" x 1" x 1"	10/38	$265.28
*1 1/2"	2/16	$469.30
*2"	2/21	$595.65

*Oval Flange



74602BG

G CTS x Meter Swivel or Oval Flange

Size	Carton PCS/WT	Price
3/4"	10/20	$135.55
3/4" x 3/4" x 5/8"	10/20	$134.06
1"	10/35	$203.42
1" x 3/4" x 5/8"	10/23	$152.40
1" x 3/4" x 3/4"	10/24	$153.86
1 1/4" x 1" x 1"	10/37	$265.28
*1 1/2"	2/15	$469.30
*2"	2/20	$595.65

*Oval Flange



74602BQ

Q CTS x Meter Swivel or Oval Flange

Size	Carton PCS/WT	Price
3/4"	10/19	$135.55
3/4" x 3/4" x 5/8"	10/20	$134.06
1"	10/32	$203.42
1" x 3/4" x 5/8"	10/23	$152.40
1" x 3/4" x 3/4"	10/23	$153.86
1 1/4" x 1" x 1"	10/37	$265.28
*1 1/2"	2/15	$469.30
*2"	2/19	$595.65

*Oval Flange



74602BT

T CTS x Meter Swivel or Oval Flange

Size	Carton PCS/WT	Price
3/4"	10/20	$135.55
3/4" x 3/4" x 5/8"	10/19	$134.06
1"	10/33	$203.42
1" x 3/4" x 5/8"	10/22	$152.40
1" x 3/4" x 3/4"	10/22	$153.86
1 1/4" x 3/4" x 3/4"	10/28	$190.93
1 1/4" x 1" x 1"	10/37	$265.28
*1 1/2"	2/14	$469.30
*2"	2/19	$595.65

*Oval Flange



74602B-33

-33 PEP-7 x Meter Swivel

Size	Carton PCS/WT	Price
3/4"	10/22	$153.86
3/4" x 1" x 1"	10/34	$187.73
1"	10/38	$221.57
1" x 3/4" x 3/4"	10/28	$167.68



74602B-34

-34 PEP-9 x Meter Swivel

Size	Carton PCS/WT	Price
3/4"	10/22	$153.86
3/4" x 1" x 1"	10/34	$187.73
1"	10/38	$221.57
1" x 3/4" x 3/4"	10/28	$167.68



74602B-3G

-3G PEP x Meter Swivel

Size	Carton PCS/WT	Price
3/4"	10/23	$153.86
3/4" x 1" x 1"	10/34	$187.73
1"	10/39	$221.57
1" x 3/4" x 3/4"	10/28	$167.68



74602B-3Q

-3Q PEP x Meter Swivel

Size	Carton PCS/WT	Price
3/4"	10/23	$153.86
3/4" x 1" x 1"	10/34	$187.73
1"	10/39	$221.57
1" x 3/4" x 3/4"	10/28	$167.68



74602B-44

-44 PVC x Meter Swivel or Oval Flange

Size	Carton PCS/WT	Price
3/4"	10/23	$153.86
1"	10/38	$221.57
1" x 3/4" x 3/4"	10/28	$167.68
*1 1/2"	2/18	$344.72
*2"	2/22	$713.87

*Oval Flange

74602B-55

-55 IP x Meter Swivel or Oval Flange

Size	Carton PCS/WT	Price
1" x 3/4" x 3/4"	10/27	$186.16
*1 1/2"	2/17	$324.71
*2"	2/25	$453.34

*Oval Flange

Confined Space Oval Flanged Ball Valves

300 PSI - LOCKWING | FOR 1 1/2" OR 2" METERS

Stainless steel meter support brackets furnished with all oval flanged meter valves. EPDM rubber gaskets are supplied and are standard. Oval meter flanges are faced and drilled per AWWA C700.

- Insert stiffeners are required on all flexible plastic connections, see page 24 for stiffeners.
- Angle ball valve operating head rotates 90º open to close. (360° available, see page 9 for pricing)
- Angle meter ball valves are non-directional
- 2" oval flanged meter valves have slotted bolt holes to accept 1 1/2" or 2" meters.
- Bolt hole diameters on 1 1/2" oval flange = .72, 2" oval flange = .81.
- All angle ball valves have a lockwing for locking in the closed position.
- 2" ball valves have 1 1/2" port.

- For Telescoping Meter Flange option, add $44.98 to list price, add "E" to the model number, i.e. 74604B 2" becomes 7E4604B 2".



7E4604B

74602BCS
Copper Flare x Oval Flange

Size	Carton PCS/WT	Price
1 1/2"	2/16	$328.61
2"	2/16	$442.04

74602BCSG
G CTS x Oval Flange



Size	Carton PCS/WT	Price
1 1/2"	2/14	$331.26
2"	2/17	$425.24

74602BCST
T CTS x Oval Flange



Size	Carton PCS/WT	Price
1 1/2"	2/13	$331.26
2"	2/16	$425.24

74602BCS-22
-22 CTS x Oval Flange



Size	Carton PCS/WT	Price
1 1/2"	2/14	$331.26
2"	2/17	$425.24

74602BCSQ
Q CTS x Oval Flange



Size	Carton PCS/WT	Price
1 1/2"	2/14	$331.26
2"	2/16	$425.24

74604BCS
FNPT x Oval Flange

Size	Carton PCS/WT	Price
1 1/2"	4/25	$266.28
2"	4/28	$294.89

Standard Port Ball Style Angle Valves

300 PSI - LOCKWING | FOR 5/8", 5/8" x 3/4", 3/4", OR 1 " METERS

Meter swivel nuts are less saddle unless otherwise indicated have internal straight threads per AWWA C700, and include hole for wire seal unless otherwise indicated. EPDM rubber gaskets are supplied and are standard. Fiber or leather gaskets sold separately.

- 3/4" meter swivel fits 5/8" x 3/4" or 3/4" meters.
- Order Meter Valves by Model Number & Valve Size
- Insert stiffeners are required on all flexible plastic connections. (see page 24 for stiffeners
- Angle ball valve operating head rotates 90º open to close. (360° available, see page 9 for pricing)
- Angle meter ball valves are non-directional
- When 5/8" size is displayed by itself = 3/4" connection x 5/8" port x 5/8" meter.
- When 3/4" size is displayed by itself = 3/4" connection x 5/8" port x 5/8" x 3/4" or 3/4" meter.
- When 1" size is displayed by itself = 1" connection x 3/4" port x 1" meter.
- When two sizes are displayed - first size is connection and second size is meter size.



74644B
FNPT x Meter Swivel with Saddle

Size	Carton PCS/WT	Price
5/8"	20/29	$64.34
3/4"	20/31	$67.59
1"	10/20	$135.55
1" x 5/8"	20/40	$84.42
1" x 3/4"	20/42	$87.53



74642B
Flare x Meter Swivel

Size	Carton PCS/WT	Price
5/8"	20/36	$74.87
3/4"	20/37	$77.94
1"	10/26	$150.35
1" x 5/8"	20/42	$98.24
1" x 3/4"	20/44	$100.93



74642B-22
-22 CTS x Meter Swivel

Size	Carton PCS/WT	Price
5/8"	20/33	$76.26
3/4"	20/35	$79.37
1"	10/23	$161.25
1" x 5/8"	20/38	$99.28
1" x 3/4"	20/39	$102.38
1 1/4" x 1"	10/29	$204.82



74642BG
G CTS x Meter Swivel

Size	Carton PCS/WT	Price
5/8"	20/35	$76.26
3/4"	20/37	$79.37
1"	10/25	$161.25
1" x 5/8"	20/40	$99.28
1" x 3/4"	20/40	$102.38
1 1/4" x 1"	10/29	$204.82



74642BQ
Q CTS x Meter Swivel

Size	Carton PCS/WT	Price
5/8"	20/35	$76.26
3/4"	20/36	$79.37
1"	10/24	$161.25
1" x 5/8"	20/40	$99.28
1" x 3/4"	20/40	$102.38
1 1/4" x 1"	10/29	$204.82



74642BT
T CTS x Meter Swivel

Size	Carton PCS/WT	Price
5/8"	20/34	$76.26
3/4"	20/35	$79.37
1"	10/24	$161.25
1" x 5/8"	20/39	$99.28
1" x 3/4"	20/41	$102.38
1 1/4" x 1"	10/28	$204.82



74642B-33
-33 PEP-7 x Meter Swivel

Size	Carton PCS/WT	Price
5/8"	20/39	$97.77
3/4"	20/38	$96.80
1"	10/29	$179.63



74642B-34
-34 PEP-9 x Meter Swivel

Size	Carton PCS/WT	Price
5/8"	20/39	$97.77
3/4"	20/38	$96.80
1"	10/29	$179.63



74642B-3G
-3G PEP x Meter Swivel

Size	Carton PCS/WT	Price
5/8"	20/39	$97.77
3/4"	20/43	$96.80
1"	10/29	$179.63



74642B-3Q
-3Q PEP x Meter Swivel

Size	Carton PCS/WT	Price
3/4"	20/42	$96.80
1"	10/29	$179.63



74642B-44
-44 PVC x Meter Swivel

Size	Carton PCS/WT	Price
5/8"	20/42	$97.77
3/4"	20/39	$96.80
1"	10/29	$179.63

74642B-55
-55 IP x Meter Swivel

Size	Carton PCS/WT	Price
5/8"	20/42	$98.97
3/4"	20/40	$98.33
1"	10/29	$179.63

Oval Meter Flange

1 1/2" & 2" METERS

EPDM rubber gaskets are supplied and are standard. Oval meter flanges are faced and drilled per AWWA C700. All 7610 model oval flanges in 2" have bolt holes for 2" meter only unless otherwise indicated.

- Insert stiffeners are required on all flexible plastic connections, see page 24 for stiffeners.
- Stainless steel meter support brackets not included.
- Bolt hole diameters on 1 1/2" oval flange = .72, 2" oval flange = .81.

7610F

Meter Flange x FNPT



Size	Carton PCS/WT	Price
1 1/2"	10/20	$77.41
1 1/2" x .81"*	10/20	$77.41
1 1/2" x 1"	10/18	$86.02
2"	10/26	$101.08

*Denotes bolt hole diameter

7610FKIT

Meter Flange Kit, Includes 2 each of flanges, gaskets, 4 bolts & 4 nuts



Size	Carton PCS/WT	Price
1 1/2"	1/6	$169.54
2"	1/7	$232.75

7610FD

Meter Flange x FNPT
Slotted for 1 1/2" or 2" Meters



Size	Carton PCS/WT	Price
2"	10/25	$101.08

7610-22

Meter Flange x -22 CTS



Size	Carton PCS/WT	Price
1 1/2"	5/21	$139.31
2"	5/27	$170.84

7610G

Meter Flange x G CTS

Size	Carton PCS/WT	Price
1 1/2"	5/20	$139.31
2"	5/26	$170.84

7610Q

Meter Flange x Q CTS

Size	Carton PCS/WT	Price
1 1/2"	5/20	$139.31
2"	5/25	$170.84

7610T

Meter Flange x T CTS

Size	Carton PCS/WT	Price
1 1/2"	5/19	$139.31
2"	5/24	$170.84

7610-44

Meter Flange x -44 PVC



Size	Carton PCS/WT	Price
1 1/2"	5/21	$146.01
1 1/2" x .81*	5/21	$146.01
2"	5/30	$208.58

*Denotes bolt hole diameter

7610-55

Meter Flange x -55 IP



Size	Carton PCS/WT	Price
1 1/2"	5/19	$143.48
1 1/2" x .81*	5/20	$143.48
2"	5/29	$185.62

*Denotes bolt hole diameter

7610A-55

Collapsible Meter Flange Coupling x MNPT



Size	Carton PCS/WT	Price
1 1/2"	6/33	$201.42
2"	1/8	$241.57

7610AKIT-55

Collapsible Meter Flange Coupling x MNPT (includes 7610M)

Size	Carton PCS/WT	Price
1 1/2"	1/8	$285.04
2"	1/11	$353.12

7610M

Meter Flange x MNPT



Size	Carton PCS/WT	Price
1 1/2"	8/19	$83.64
2" x 1 15/16"*	8/23	$101.57
2" x 2 1/8"*	8/24	$111.54

*Denotes length

7610MD

Meter Flange x MNPT
Slotted for 1 1/2" or 2" meters

Size	Carton PCS/WT	Price
2" x 1 15/16"*	8/22	$101.57
2" x 2 1/8"*	8/23	$111.54

*Denotes length

7610S

Meter Flange x Solder



Size	Carton PCS/WT	Price
1 1/2"	8/19	$77.41
2"	8/22	$101.08

7610SD

Meter Flange x Solder
Slotted for 1 1/2" or 2" Meters

Size	Carton PCS/WT	Price
2"	8/21	$101.08

OPTIONS (see page 9 for pricing of the following)

- "Q" compression nuts are available with anode connection; add "A" to end of model number, i.e. (7610Q=7610QA).
- Dual bolt holes are available; contact factory.

Round Flanges - 3", 4" & 6" Meters

- EPDM rubber gaskets are supplied and are standard.
- Oval meter flanges are faced and drilled per AWWA C700.



610BK
Bolt Kit

Size	Carton PCS/WT	Price
3 (4) 5/8" Bolts	1/2	$17.78
4 (8) 5/8" Bolts	1/4	$34.67
6 (8) 5/8" Bolts	1/6	$61.72

610RG
Gasket - Round Flange

Size	Carton PCS/WT	Price
3	10/3	$32.06
4	10/5	$47.70
6	10/6	$94.62

7610RK
Flange Kit (2 Flanges, Gaskets, Bolts)

Size	Carton PCS/WT	Price
3	1/22	$432.92
4	1/35	$691.68
6	1/51	$1,444.26



7610R
Flange - Round Brass

Size	Carton PCS/WT	Price
3	4/37	$202.43
4	4/56	$317.78
6	2/41	$666.10



7611-44
Meter Coupling -44 PVC x MNPT w/Gasket for FNPT Meters

Size	Carton PCS/WT	Price
2"	10/36	$160.94

7611-55
Meter Coupling -55 IP x MNPT w/Gasket for FNPT Meters

Size	Carton PCS/WT	Price
2"	10/35	$160.94

611GSKT
Round Rubber Gasket

Size	Carton PCS/WT	Price
2"	10/1	$23.69

Meter Test Tee

Test 1 1/2" and 2" meters while in line

- For new installations or for retrofitting existing installations
- Completely assembled



Dual Hole

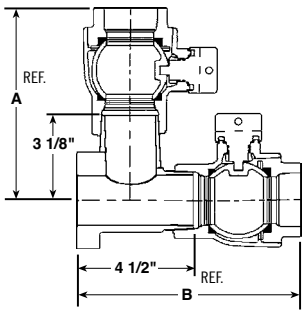
720-HNN
Tee Oval Flange x MNPT x MNPT

Size	Carton PCS/WT	Price
2"	4/20	$251.29

720-HT
Tee Assembly with 2 76101 Ball Valves

Size	Carton PCS/WT	Price
2"	1/19	$1,037.96

- Valves available with or without lockwings.
- 6120B handles are optional.
- Other end connections available, contact factory.



SIZE	A	B
1 1/2"	7 5/16"	8 5/8"
2"	7 13/16"	9 1/16"

Straight Valves - Ball Style

300 PSI | FOR 5/8", 5/8" x 3/4", 3/4", 1", 1 1/2" OR 2" METERS - LESS LOCKWING

Meter swivel nuts are less saddle, have internal straight threads per AWWA C700, and include hole for wire seal unless otherwise indicated. EPDM rubber gaskets are supplied and are standard.

- Order Meter Valves by Model Number & Valve Size.
- Insert stiffeners are required on all flexible plastic connections.
- Straight ball valve operating head rotates 90º open to close. (360° available, see page 9 for pricing)
- When size is displayed by itself = Connection size x Port size x Meter size are all the same.
- 3/4" Meter Swivel fits 5/8" x 3/4" or 3/4" meters.
- When multiple sizes appear = Connection size x Port size x Meter size - Lay length.
- Bolt hole diameters on 1 1/2" oval flange = .72, 2" oval flange = .81.
- 2" oval flanged meter valves have slotted bolt holes to accept 1 1/2"or 2" meters.
- For Telescoping Meter Flange option, add $44.98 to list price, add "E" to the model number, i.e. 76101MW 2" becomes Straight 7E6101MW 2".

76100M

Flare x Meter Swivel / Oval Flange*

Size	Carton PCS/WT	Price
3/4"	10/27	$114.23
3/4" x 5/8" x 5/8"	20/34	$79.68
3/4" x 5/8" x 3/4"	20/39	$71.49
1"	10/35	$171.73
1" x 3/4" x 3/4"	10/30	$126.18
1" x 3/4" x 1"	10/35	$139.29
1 1/4" x 1" x 1"	10/48	$211.54
1 1/2"*	2/17	$358.29
2"*	2/29	$577.60

76100M-22

-22 CTS x Meter Swivel / Oval Flange*

Size	Carton PCS/WT	Price
3/4"	10/19	$119.38
3/4" x 5/8" x 5/8"	20/31	$83.73
3/4" x 5/8" x 3/4"	20/33	$76.66
1"	10/31	$178.28
1" x 3/4" x 3/4"	10/22	$129.35
1" x 3/4" x 1"	10/30	$144.34
1 1/4" x 1" x 1"	8/32	$213.38
1 1/2"*	2/21	$321.45
2"*	2/24	$547.34

76100MG

G CTS x Meter Swivel / Oval Flange*

Size	Carton PCS/WT	Price
3/4"	10/20	$119.38
3/4" x 5/8" x 5/8"	20/38	$83.73
3/4" x 5/8" x 3/4"	20/35	$76.66
1"	10/32	$178.28
1" x 3/4" x 3/4"	10/22	$129.35
1" x 3/4" x 1"	10/30	$144.34
1 1/4" x 1" x 1"	8/33	$213.38
1 1/2"*	2/16	$321.23
2"*	2/22	$547.34

76100MQ

Q CTS x Meter Swivel / Oval Flange*

Size	Carton PCS/WT	Price
3/4"	10/20	$119.38
3/4" x 5/8" x 5/8"	20/38	$83.73
3/4" x 5/8" x 3/4"	20/33	$76.66
1"	10/32	$178.28
1" x 3/4" x 3/4"	10/22	$129.35
1" x 3/4" x 1"	10/30	$144.34
1 1/4" x 1" x 1"	8/33	$213.38
1 1/2"*	2/16	$321.23
2"*	2/21	$547.34

76100MT

T CTS x Meter Swivel / Oval Flange*

Size	Carton PCS/WT	Price
3/4"	10/19	$119.38
3/4" x 5/8" x 5/8"	20/32	$83.73
3/4" x 5/8" x 3/4"	20/32	$76.66
1"	10/40	$178.28
1" x 3/4" x 3/4"	10/21	$129.35
1" x 3/4" x 1"	10/30	$144.34
1 1/4" x 1" x 1"	8/34	$213.38
1 1/2"*	2/15	$321.45
2"*	2/29	$547.34

76100M-33

-33 PEP-7 x Meter Swivel / Oval Flange*

Size	Carton PCS/WT	Price
3/4"	10/22	$129.35
1"	8/33	$194.96
1 1/2"*	2/21	$372.56
2"*	2/27	$589.77

76100M-34

-34 PEP-9 x Meter Swivel / Oval Flange*

Size	Carton PCS/WT	Price
3/4"	10/22	$129.35
1"	8/33	$194.96
1 1/2"*	2/21	$372.56
2"*	2/27	$589.77

76100M-3Q

-3Q PEP x Meter Swivel

Size	Carton PCS/WT	Price
3/4"	10/23	$129.35
1"	8/28	$194.96

76100M-3G

-3G PEP x Meter Swivel

Size	Carton PCS/WT	Price
3/4"	10/23	$129.35
1"	8/32	$194.96

76100M-44

-44 PVC x Meter Swivel / Oval Flange*

Size	Carton PCS/WT	Price
3/4"	10/22	$129.42
1"	8/29	$194.96
1 1/2"*	2/16	$377.41
2"*	2/27	$577.60

76100M-55

-55 IP x Meter Swivel / Oval Flange*

Size	Carton PCS/WT	Price
1"	10/38	$224.32
1 1/2"*	2/15	$360.84
2"*	2/26	$562.46



76101M

FNPT x Meter Swivel / Oval Flange*

Size	Carton PCS/WT	Price
3/4"	10/16	$105.80
3/4" x 5/8" x 5/8"	20/27	$61.24
3/4" x 5/8" x 3/4"	20/28	$63.01
1"	10/27	$160.14
1" x 3/4" x 3/4"	10/16	$111.02
1" x 3/4" x 1"	10/18	$119.62
1 1/2"*	4/27	$303.32
2"*	2/19	$486.24

76107M

MNPT x Meter Swivel / Oval Flange*

Size	Carton PCS/WT	Price
1 1/2"*	4/27	$322.24
2"*	2/21	$523.93

OPTIONS

See page 9 for pricing of the following:

- For Handyloc - Replace "Q" with "H" or "-3Q" with "-3H" in 3/4" & 1" **only**.
- For C903 tube - Replace "Q" with "K". On "Q" Series options only 3/4" & 1" **only**.
- For valve or fitting less flare nut add "L" to end of model number.
- CTS Anode (QA) & Flare Anode (A) - Replace "Q" with "QA" or add "A" to flare.
- Insert stiffeners are **required** on all flexible plastic connections. (See page 24 for stiffeners)

Straight Valves - Ball Style

300 PSI | FOR 5/8", 5/8" x 3/4", 3/4", 1", 1 1/2" OR 2" METERS - WITH LOCKWING

Meter swivel nuts are less saddle, have internal straight threads per AWWA C700, and include hole for wire seal unless otherwise indicated. EPDM rubber gaskets are supplied and are standard.

- Order Meter Valves by Model Number & Valve Size.
- Insert stiffeners are required on all flexible plastic connections.
- Straight ball valve operating head rotates 90º open to close. (360° available, see page 9 for pricing)
- When size is displayed by itself = Connection size x Port size x Meter size are all the same.
- 3/4" Meter Swivel fits 5/8" x 3/4" or 3/4" meters.
- When multiple sizes appear = Connection size x Port size x Meter size - Lay length.
- Bolt hole diameters on 1 1/2" oval flange = .72, 2" oval flange = .81.
- 2" oval flanged meter valves have slotted bolt holes to accept 1 1/2"or 2" meters.
- For Telescoping Meter Flange option, add $44.98 to list price, add "E" to the model number, i.e. 76101MW 2" becomes Straight 7E6101MW 2".

76100MW

Flare x Meter Swivel / Oval Flange



Size	Carton PCS/WT	Price
3/4"	10/20	$117.98
3/4" x 5/8" x 5/8"	20/35	$83.48
3/4" x 5/8" x 3/4"	20/36	$75.27
3/4" x 5/8" x 3/4" x 3.91	20/38	$75.27
3/4" x 3/4" x 5/8"	10/21	$115.04
1"	10/36	$175.51
1" x 3/4" x 5/8"	10/24	$134.31
1" x 3/4" x 3/4"	10/25	$129.95
1" x 3/4" x 1"	10/27	$143.04
*1 1/2"	2/18	$362.41
*2"	2/30	$581.73

*With Oval Flange

76100MW-22

-22 CTS x Meter Swivel / Oval Flange



Size	Carton PCS/WT	Price
3/4"	10/20	$123.18
3/4" x 5/8" x 5/8"	20/32	$78.63
3/4" x 5/8" x 3/4"	20/34	$80.49
3/4" x 5/8" x 3/4" x 3.75	20/37	$80.49
3/4" x 5/8" x 3/4" x 3.88	20/37	$80.49
3/4" x 3/4" x 5/8"	10/19	$119.29
1"	10/31	$182.03
1" x 5/8" x 3/4"	20/40	$103.81
1" x 3/4" x 5/8"	10/21	$139.10
1" x 3/4" x 3/4"	10/21	$133.13
1" x 3/4" x 1"	10/22	$148.10
1 1/4" x 1" x 1"	10/36	$198.77
*1 1/2"	2/17	$325.50
*2"	2/21	$551.45

*With Oval Flange

76100MWG

G CTS x Meter Swivel / Oval Flange



Size	Carton PCS/WT	Price
3/4"	10/21	$123.18
3/4" x 5/8" x 5/8"	20/34	$78.63
3/4" x 5/8" x 3/4"	20/36	$80.49
3/4" x 5/8" x 3/4" x 3.56	20/36	$80.49
3/4" x 5/8" x 3/4" x 3.75	20/40	$80.49
3/4" x 5/8" x 3/4" x 3.88	20/36	$80.49
3/4" x 3/4" x 5/8"	10/19	$119.29
1"	10/33	$182.03
1" x 5/8" x 3/4"	20/44	$103.81
1" x 3/4" x 5/8"	10/23	$139.10
1" x 3/4" x 3/4"	10/24	$133.13
1" x 3/4" x 1"	10/24	$148.10
*1 1/2"	2/15	$325.50
*2"	2/24	$551.45

*With Oval Flange

76100MWQ

Q CTS x Meter Swivel / Oval Flange



Size	Carton PCS/WT	Price
3/4"	10/20	$123.18
3/4" x 5/8" x 5/8"	20/33	$78.63
3/4" x 5/8" x 3/4"	20/34	$80.49
3/4" x 5/8" x 3/4" x 3.56	20/36	$80.49
3/4" x 5/8" x 3/4" x 3.75	20/37	$80.49
3/4" x 5/8" x 3/4" x 3.88	20/38	$80.49
3/4" x 3/4" x 5/8"	10/19	$119.29
1"	10/32	$182.03
1" x 5/8" x 3/4"	20/42	$103.81
1" x 3/4" x 5/8"	10/23	$139.10
1" x 3/4" x 3/4"	10/23	$133.13
1" x 3/4" x 1"	10/24	$148.10
*1 1/2"	2/16	$325.50
*2"	2/20	$551.45

*With Oval Flange

76100MW-3Q

-3Q PEP x Meter Swivel



Size	Carton PCS/WT	Price
3/4"	10/22	$133.13
3/4" x 5/8" x 3/4"	20/43	$86.69
3/4" x 3/4" x 5/8"	10/22	$139.10
1" x 3/4" x 3/4"	10/25	$146.55
1" x 3/4" x 1"	10/27	$158.27

76100MWT

T CTS x Meter Swivel / Oval Flange



Size	Carton PCS/WT	Price
3/4"	10/20	$123.18
3/4" x 5/8" x 5/8"	20/33	$78.63
3/4" x 5/8" x 3/4"	20/34	$80.49
3/4" x 5/8" x 3/4" x 3.56	20/36	$80.49
3/4" x 5/8" x 3/4" x 3.75	20/36	$80.49
3/4" x 5/8" x 3/4" x 3.88	20/36	$80.49
3/4" x 3/4" x 5/8"	10/21	$119.29
1"	10/32	$182.03
1" x 5/8" x 3/4"	20/41	$103.81
1" x 3/4" x 5/8"	10/23	$139.10
1" x 3/4" x 3/4"	10/21	$133.13
1" x 3/4" x 1"	10/24	$148.10
*1 1/2"	2/16	$325.50
*2"	2/19	$551.45

*With Oval Flange

76100MW-33

-33 PEP-7 x Meter Swivel / Oval Flange



Size	Carton PCS/WT	Price
3/4"	10/23	$133.13
3/4" x 5/8" x 3/4"	20/41	$86.69
3/4" x 3/4" x 5/8"	10/21	$139.10
1"	10/36	$198.48
1" x 3/4" x 3/4"	10/25	$114.49
*1 1/2"	2/17	$376.66
*2"	2/27	$593.91

*With Oval Flange

76100MW-34

-34 PEP-9 x Meter Swivel / Oval Flange



Size	Carton PCS/WT	Price
3/4"	10/23	$133.13
3/4" x 5/8" x 3/4"	20/41	$86.69
3/4" x 3/4" x 5/8"	10/21	$139.10
1"	10/36	$198.48
1" x 3/4" x 3/4"	10/25	$114.49
*1 1/2"	2/17	$376.66
*2"	2/27	$593.91

*With Oval Flange

Straight Valves - Ball Style

300 PSI | FOR 5/8", 5/8" x 3/4", 3/4", 1", 1 1/2" OR 2" METERS - WITH LOCKWING

Meter swivel nuts are less saddle, have internal straight threads per AWWA C700, and include hole for wire seal unless otherwise indicated. EPDM rubber gaskets are supplied and are standard.

- Order Meter Valves by Model Number & Valve Size.
- Insert stiffeners are required on all flexible plastic connections. (see page 24 for stiffeners)
- Straight ball valve operating head rotates 90º open to close. (360° available, see page 9 for pricing)
- When size is displayed by itself = Connection size x Port size x Meter size are all the same.
- 3/4" Meter Swivel fits 5/8" x 3/4" or 3/4" meters.
- When multiple sizes appear = Connection size x Port size x Meter size - Lay length.
- Bolt hole diameters on 1 1/2" oval flange = .72, 2" oval flange = .81.
- 2" oval flanged meter valves have slotted bolt holes to accept 1 1/2" or 2" meters.
- For Telescoping Meter Flange option, add $44.98 to list price, add "E" to the model number, i.e. 76101MW 2" becomes 7E6101MW 2".



7E6101MW

76100MW-3G

-3G PEP x Meter Swivel



Size	Carton PCS/WT	Price
3/4"	10/22	$133.13
3/4" x 5/8" x 3/4"	20/43	$86.69
3/4" x 3/4" x 5/8"	10/22	$139.10
1" x 3/4" x 3/4"	10/25	$146.55
1" x 3/4" x 1"	10/27	$158.27

76100MW-44

-44 PVC x Meter Swivel / Oval Flange



Size	Carton PCS/WT	Price
3/4"	10/21	$133.19
3/4" x 5/8" x 3/4"	20/42	$86.69
3/4" x 3/4" x 5/8"	10/30	$139.10
1"	8/29	$198.48
*1 1/2"	2/16	$380.63
*2"	2/23	$581.73

*With Oval Flange

76100MW-55

-55 IP x Meter Swivel / Oval Flange

Size	Carton PCS/WT	Price
3/4"	10/21	$138.91
3/4" x 5/8" x 3/4"	20/37	$86.69
*1 1/2"	2/16	$364.02
*2"	2/27	$565.14

*With Oval Flange

76101MW

FNPT x Meter Swivel / Oval Flange



Size	Carton PCS/WT	Price
1/2" x 5/8" x 5/8"	20/27	$64.98
3/4"	10/17	$109.58
3/4" x 3.75	10/19	$109.58
3/4" x 5/8" x 5/8"	20/26	$66.24
3/4" x 5/8" x 3/4"	20/28	$66.76
3/4" x 5/8" x 3/4" x 3.12	20/29	$66.76
3/4" x 5/8" x 3/4" x 3.75	20/32	$90.42
3/4" x 5/8" x 3/4" x 4.00	20/33	$90.42
3/4" x 5/8" x 3/4" x 4.42	20/27	$90.42
3/4" x 3/4" x 5/8"	10/17	$108.03
1"	10/29	$163.87
1" x 3/4" x 5/8"	10/17	$110.88
1" x 3/4" x 3/4"	10/17	$114.75
1" x 3/4" x 1"	10/19	$119.50
1 1/4" x 1" x 1"	10/30	$215.69
*1 1/2"	4/26	$307.49
*2"	2/17	$490.36
*2" x 1 1/2" x 1 1/2"	2/18	$329.21

*With Oval Flange

76107MW

MNPT x Meter Swivel / Oval Flange



Size	Carton PCS/WT	Price
3/4"	10/17	$111.05
3/4" x 5/8" x 5/8"	20/26	$69.50
3/4" x 5/8" x 3/4"	20/27	$70.82
1"	10/29	$160.59
*1 1/2"	2/14	$325.53
*2"	2/22	$526.76

*With Oval Flange

Oval Flanged - 1/4 Bends

Stainless steel meter support brackets furnished with all oval flanged meter valves. Oval meter flanges are faced and drilled per AWWA C700. EPDM rubber gaskets are supplied and are standard.

- Insert stiffeners are required on all flexible plastic connections, see page 24 for stiffeners.
- Bolt hole diameters on 1 1/2" oval flange = .72, 2" oval flange = .81.
- 2" oval flanged meter valves have slotted bolt holes to accept 1 1/2" or 2" meters.



74783FF
- FNPT x Oval Flange

Size	Carton PCS/WT	Price
1 1/2"	4/14	$141.94
2"	4/20	$209.54

74783FG
G CTS x Oval Flange

Size	Carton PCS/WT	Price
1 1/2"	4/17	$186.24
2"	4/23	$251.51

74783FT
T CTS x Oval Flange

Size	Carton PCS/WT	Price
1 1/2"	4/17	$186.24
2"	4/20	$251.51

74783F
Flare x Oval Flange

Size	Carton PCS/WT	Price
2"	1/8	$340.62

74783FQ
Q CTS x Oval Flange

Size	Carton PCS/WT	Price
1 1/2"	4/17	$186.24
2"	4/23	$251.51

74783F-44
-44 PVC x Oval Flange

Size	Carton PCS/WT	Price
2"	1/8	$253.99

74783F-22
-22 CTS x Oval Flange

Size	Carton PCS/WT	Price
1 1/2"	4/18	$186.19
2"	4/23	$251.51

OPTIONS

See page 9 for pricing of the following:

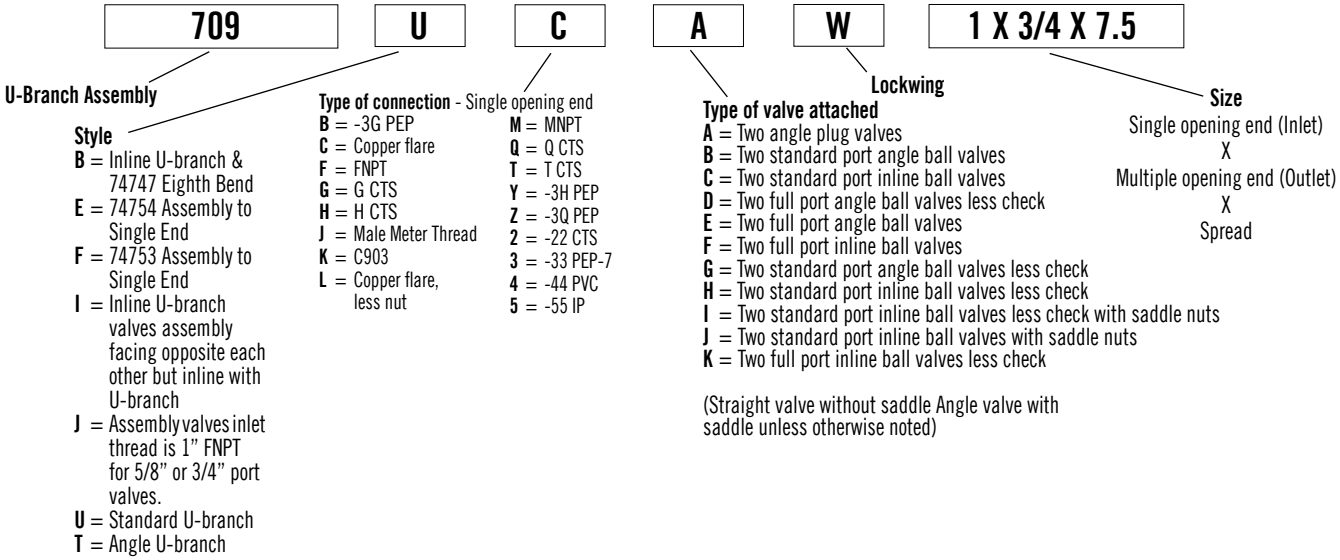
- Product available marked for Reclaimed Water, denote at end of model number; "RWP" (pinned stamped) i.e. (74783FRW).
- Flared ends are available less flare nut; add "L" to end of model number, i.e. (74783F = 74783FL).
- Flare nuts available with anode connection; add "A" to end of model number, i.e. (74783F = 74783FA).
- "Q" compression nuts are available with anode connection; add "A" to end of model number, i.e. (74783FQ = 74783FQA).

U-Branches & Assemblies with Valves

Internal straight threads per AWWA C700, and include hole for wire seal unless otherwise indicated. EPDM rubber gaskets are supplied and are standard.

- Insert stiffeners are required on all flexible plastic connections, see page 24 for stiffeners.
- Angle plug valve operating head rotates 180º open to close.
- Angle ball valves operating head rotates 90º open to close unless otherwise indicated.
- U-branch assemblies with yoke valves can be found in Iron Yoke session. i.e. (709UFCW 1x02x7.5)

To order U-Branch Assemblies: Model No. 709UCAW 1 x 3/4 x 7.5 means:



Angle U-Branches with Valves

709TFBW

FNPT - Standard Port Angle Ball Valves

Size	Carton PCS/WT	Price
1" x 3/4" x 6.5	10/51	$233.88

709T2AW

CTS - Angle Plug Valves

Size	Carton PCS/WT	Price
1" x 3/4" x 6.5	10/49	$231.51

709TFEW

FNPT - Full Port Angle Ball Valves

Size	Carton PCS/WT	Price
1" x 3/4" x 6.5	10/80	$330.73

709TTEW

T CTS - Full Port Angle Ball Valves

Size	Carton PCS/WT	Price
1" x 3/4" x 6.5	5/31	$346.15

709T2BW

-22 CTS - Standard Port Angle Ball Valves

Size	Carton PCS/WT	Price
1" x 5/8" x 6.5	10/58	$249.53
1" x 3/4" x 6.5	10/56	$247.85

U-Branches & Assemblies with Valves

Internal straight threads per AWWA C700, and include hole for wire seal unless otherwise indicated. EPDM rubber gaskets are supplied and are standard.

709UCAW
Flare - Angle Plug Valves

Size	Carton PCS/WT	Price
1" x 3/4" x 7.5	10/44	$224.32

709UCBW
Flare - Standard Port Angle Ball Valves

Size	Carton PCS/WT	Price
1" x 5/8" x 7.5	10/54	$242.25
1" x 3/4" x 7.5	10/51	$234.13

709UCCW
Flare - Standard Port Inline Ball Valves

Size	Carton PCS/WT	Price
1" x 3/4" x 6.5	5/40	$214.83

709UCEW
Flare - Full Port Angle Ball Valves

Size	Carton PCS/WT	Price
1" x 3/4" x 7.5	5/37	$338.99

709UFAW
FNPT - Angle Plug Valves

Size	Carton PCS/WT	Price
1" x 3/4" x 7.5	10/45	$216.55
1" x 3/4" x 14	5/28	$280.25

709UFBW
FNPT - Standard Port Angle Ball Valves

Size	Carton PCS/WT	Price
1" x 3/4" x 6.5	10/51	$215.90
1" x 3/4" x 7.5	10/50	$222.74

709UFCW
FNPT - Standard Port Inline Ball Valves

Size	Carton PCS/WT	Price
1" x 3/4" x 6.5	10/48	$217.58
1" x 3/4" x 7.5	10/48	$203.68

709UFFW
FNPT - Full Port Inline Ball Valves

Size	Carton PCS/WT	Price
1" x 3/4" x 7.5	10/55	$303.68

709UFJW
FNPT - Standard Port Inline Ball Valves

Size	Carton PCS/WT	Price
1" x 3/4" x 6.5	10/50	$217.58

709UFF
FNPT - Full Port Inline Ball Valve

Size	Carton PCS/WT	Price
1" x 3/4" x 7.5	10/58	$296.16

709UMGW
MNPT - Standard Port Angle Ball Valves less check

Size	Carton PCS/WT	Price
1" x 3/4" x 7.5	10/49	$235.33

709UQAW
Q CTS - Angle Plug Valves

Size	Carton PCS/WT	Price
1" x 3/4" x 7.5	10/46	$226.88

709UQBW
Q CTS - Standard Port Angle Ball Valves

Size	Carton PCS/WT	Price
1 1/2" x 3/4" x 7.5	5/29	$303.80

709UQCW
Q CTS - Standard Port Inline Ball Valves

Size	Carton PCS/WT	Price
1" x 3/4" x 7.5	10/53	$224.00

709UQEW
Q CTS - Full Port Angle Ball Valves

Size	Carton PCS/WT	Price
1" x 3/4" x 7.5	10/58	$334.59
1" x 1" x 7.5 x 7.00	5/41	$483.06
1" x 3/4" x 14	5/34	$428.51
1" x 3/4" x 7.5 x 701	5/35	$422.73

709UQFW
Q CTS - Full Port Inline Ball Valves

Size	Carton PCS/WT	Price
1" x 3/4" x 7.5	10/60	$307.11

U-Branches & Assemblies with Valves

Internal straight threads per AWWA C700, and include hole for wire seal unless otherwise indicated. EPDM rubber gaskets are supplied and are standard.

709UTAW
CTS - Angle Plug Valves

Size	Carton PCS/WT	Price
1" x 3/4" x 7.5	10/48	$226.88

709U2AW
-22 CTS - Angle Plug Valves

Size	Carton PCS/WT	Price
1" x 3/4" x 6.5	10/45	$226.46
1" x 3/4" x 7.5	10/46	$199.49
1" x 3/4" x 14	5/28	$292.52
1" x 1" x 7.5	5/30	$255.11
1 1/2" x 3/4" x 7.5	5/25	$277.61

709U2EW
-22 CTS - Full Port Angle Ball Valves

Size	Carton PCS/WT	Price
1" x 3/4" x 6.5	10/55	$320.25
1" x 3/4" x 7.5	10/52	$327.11
1" x 3/4" x 14	5/33	$386.95
1 1/2" x 3/4" x 7.5	5/29	$448.33
1 1/2" x 1" x 9	5/48	$581.81

709UTBW
T CTS - Standard Port Angle Ball Valves

Size	Carton PCS/WT	Price
1" x 3/4" x 6.5	10/56	$236.80
1" x 3/4" x 7.5	10/55	$243.67
1 1/2" x 3/4" x 7.5	5/28	$303.78

709U2BW
-22 CTS - Standard Port Angle Ball Valves

Size	Carton PCS/WT	Price
1" x 5/8" x 7.5	10/52	$244.90
1" x 3/4" x 6.5	10/55	$236.80
1" x 3/4" x 7.5	10/49	$243.67
1" x 3/4" x 14	5/31	$289.09
1 1/2" x 3/4" x 7.5	5/29	$303.78

709U2FWF
-22 CTS - Full Port Inline Ball Valves (FNPT Outlet)

Size	Carton PCS/WT	Price
1" x 3/4" x 7.5	10/49	$271.88

709UTCW
CTS - Standard Port Inline Ball Valves

Size	Carton PCS/WT	Price
1" x 3/4" x 7.5	10/52	$224.00

709U2C
-22 CTS - Standard Port Inline Ball Valve less lockwing

Size	Carton PCS/WT	Price
1" x 3/4" x 6.5	10/53	$213.21

709U2HW
-22 CTS - Standard Port Inline Ball Valve less check

Size	Carton PCS/WT	Price
1" x 3/4" x 6.5	10/53	$219.27
1" x 3/4" x 7.5	10/51	$225.11
1 1/2" x 3/4" x 7.5	5/30	$283.51

709UTEW
T CTS - Full Port Angle Ball Valves

Size	Carton PCS/WT	Price
1" x 3/4" x 7.5	5/28	$334.59
1" x 1" x 18	5/54	$890.86

709U2CW
-22 CTS - Standard Port Inline Ball Valves

Size	Carton PCS/WT	Price
1" x 3/4" x 6.5	10/53	$214.54
1" x 3/4" x 7.5	10/48	$224.00
1 1/2" x 3/4" x 7.5	5/27	$305.89

709U2IW
-22 CTS - Standard Port Inline Ball Valve less check

Size	Carton PCS/WT	Price
1" x 3/4" x 6.5	5/26	$219.27
1 1/2" x 1" x 9	5/40	$446.76

709U2DW
-22 CTS - Full Port Angle Ball Valve less check

Size	Carton PCS/WT	Price
1" x 3/4" x 6.5	10/55	$304.89

709UTHW
T CTS - Standard Port Inline Ball Valve less check

Size	Carton PCS/WT	Price
1" x 3/4" x 7.5	10/51	$225.11

709U2CWF
-22 CTS - Standard Port Inline Ball Valves (FNPT Outlet)

Size	Carton PCS/WT	Price
1" x 3/4" x 7.5	10/45	$215.93

709U2KW
-22 CTS - Full Port Inline Ball Valve less check

Size	Carton PCS/WT	Price
1" x 3/4" x 6.5	5/30	$304.89

U-Branches & Assemblies with Valves

Internal straight threads per AWWA C700, and include hole for wire seal unless otherwise indicated. EPDM rubber gaskets are supplied and are standard.

709UMBW
MNPT - Standard Port Angle Ball Valves

Size	Carton PCS/WT	Price
1" x 3/4" x 7.5	1/5	$212.06

709UZAW
-3Q PEP - Angle Plug Valves

Size	Carton PCS/WT	Price
1" x 3/4" x 7.5	10/44	$240.49

709ITEW
T CTS - Full Port Angle Ball Valves

Size	Carton PCS/WT	Price
1" x 3/4" x 18	5/40	$770.04

709UGBW
G CTS - Standard Port Angle Ball Valves

Size	Carton PCS/WT	Price
1" x 3/4" x 14	5/31	$310.27

709U4CW
-44 PVC - Standard Port Inline Ball Valves

Size	Carton PCS/WT	Price
1" x 3/4" x 7.5	10/55	$225.45

709U3AW
-33 PEP-7 - Angle Plug Valves

Size	Carton PCS/WT	Price
1" x 3/4" x 7.5	10/45	$245.24

709U4BW
-44 PVC - Standard Port Angle Ball Valves

Size	Carton PCS/WT	Price
1" x 3/4" x 7.5	5/29	$240.71

709U3BW
-33 PEP-7 - Standard Port Angle Ball

Size	Carton PCS/WT	Price
1" x 3/4" x 7.5	10/60	$254.67

709U4EW
-44 PVC - Full Port Angle Ball Valves

Size	Carton PCS/WT	Price
1" x 3/4" x 7.5	5/29	$338.58

Fire / Sprinkler Assemblies with Valves

Internal straight threads per AWWA C700, and include hole for wire seal unless otherwise indicated. EPDM rubber gaskets are supplied and are standard.

701-200WDCC

1 1/2" FNPT x 1 1/2" FNPT x 3/4" FNPT Ball Valve x Dual Check and 5/8" x 3/4" meter

Size	Carton PCS/WT	Price
66/2x995x098	1/35	$1,712.64

701-4--QN--

7 1/2" U-Branch - 1" Male Meter x 4637 1" & 6101MW 1" with handle

Size	Carton PCS/WT	Price
44x440	5/29	$315.08

701-4--JEFF

1" Meter Swivel x 1" FNPT x 1" FNPT vertical/horizontal

Size	Carton PCS/WT	Price
44	5/24	$374.19

701-200WDQI

1 1/2" Q CTS x 1 1/2" FNPT x 3/4" Q CTS Ball Valve x Dual Check and 5/8" x 3/4" meter

Size	Carton PCS/WT	Price
66/2x088	1/32	$1,590.63

701-4--QN--

7 1/2" U-Branch - 1" Male Meter x 4637 1" & 6101MW 1"

Size	Carton PCS/WT	Price
44x444	5/28	$307.34

701-4--JEQQ

1" Meter Swivel x 1" Q CTS x 1" Q CTS vertical/horizontal

Size	Carton PCS/WT	Price
44	5/27	$399.99

701-200WDQI

1 1/2" Q CTS x 1 1/2" FNPT x 3/4" Q CTS Ball Valve x Dual Check and 5/8" x 3/4" meter (Tall Dual Check) Two Inline checks

Size	Carton PCS/WT	Price
66/2x995x088	1/33	$1,590.63

Accessories

BALL VALVE HANDLES / METER SUPPORT BRACKET

6120
Stainless Steel Handle
For all McDonald Ball Valves
Order by valve size: 5/8", 3/4", & 1"

Size	Carton PCS/WT	Price
5/8" - 3.25 Long	25/2	$7.15
3/4" & 1" - 4.25 Long	25/3	$7.92

6120D
Stainless Steel w/Hole - 4 1/4" Long
For all McDonald Ball Valves
Order by valve size: 5/8", 3/4", & 1"

Size	Carton PCS/WT	Price
3/4" & 1"	25/3	$9.90

6120B

Brass Ball Valve Handle
For all McDonald Ball Valves
Order by valve size: 5/8", 3/4", & 1"

Size	Carton PCS/WT	Price
5/8" - 3 3/8" Long	25/6	$7.15
3/4" & 1" - 4 3/8" Long	25/7	$7.92

Fits 5/8", 3/4", & 1" valves

6120BS
Brass Ball Valve Handle - Short 4 3/8 Long
For all McDonald Ball Valves
Order by valve size: 1 1/2" & 2"

Size	Carton PCS/WT	Price
1 1/2" & 2" - 4 3/8" Long	25/7	$18.84

6120BRW
Brass Handle - Reclaimed Water 4 3/8 Long
Order by valve size: 3/4" & 1"

Size	Carton PCS/WT	Price
3/4" & 1" - 4 3/8" Long	25/7	$11.66

6120BSRW
Brass Handle - Reclaimed Water
Short 4 3/8 Long
Order by valve size: 1 1/2" & 2"

Size	Carton PCS/WT	Price
1 1/2" & 2" - 4 3/8" Long	25/7	$22.59

6120BRWPP
Brass Handle - Reclaimed Water
Short 4 3/8 Long - Painted Purple
Order by valve size: 3/4" & 1"

Size	Carton PCS/WT	Price
3/4" & 1" - 4 3/8" Long	25/7	$14.22

6120BSRWPP
Brass Handle - Reclaimed Water
Short 4 3/8 Long - Painted Purple
Order by valve size: 1 1/2" & 2"

Size	Carton PCS/WT	Price
1 1/2" & 2"	25/7	$27.54

6122
Square Head 2" Wrench Adapt
with Cotter Pin

Size	Carton PCS/WT	Price
2"	25/27	$25.65

6121
Flanged Meter Support Bracket

Size	Carton PCS/WT	Price
1 1/2" & 2"	10/1	$11.83



Flange Meter Support Bracket

Comes standard with every flanged valve.



FH
Fixed Handle
To order add "FH" to model number
Example: 76101MFH
Must be assembled by factory. Available on all 3/4", 1", 1 1/2", and 2" non-lockwing ball valves

Gaskets

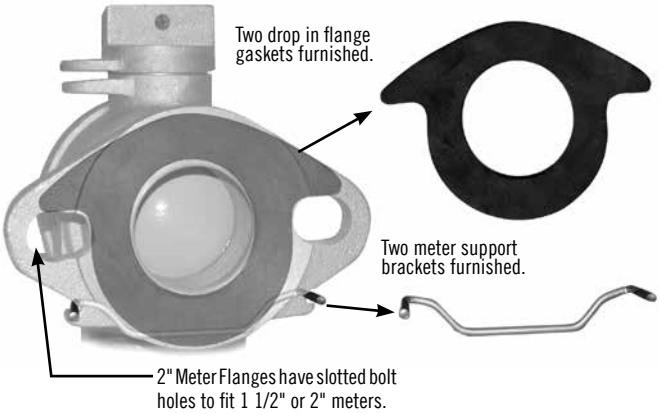


MODEL		DESCRIPTION	METER SIZE	LIST PRICE
18-G1	5/8"	Rubber	5/8"	$ 0.35
18-G1F	5/8"	Fiber	5/8"	$ 1.40
18-G1L	5/8"	Waxed Leather	5/8"	$ 0.84
18-G2	3/4"	Rubber	5/8" x 3/4" or 3/4"	$ 0.45
18-G2F	3/4"	Fiber	5/8" x 3/4" or 3/4"	$ 1.49
18-G2L	3/4"	Waxed Leather	5/8" x 3/4" or 3/4"	$ 0.81
18-G4	1"	Rubber	1"	$ 0.48
18-G4F	1"	Fiber	1"	$ 2.08
18-G4L	1"	Waxed Leather	1"	$ 0.91



MODEL		DESCRIPTION	METER SIZE	LIST PRICE
18-G6	1 1/2"	Flange-Rubber	1 1/2"	$ 3.96
18-G7	2"	Flange-Rubber	2"	$ 4.49
4620G	1 1/2"	Round-Rubber	1 1/2"	$ 3.55
4620G	2"	Round-Rubber	2"	$ 4.02

MODEL		DESCRIPTION	METER SIZE	LIST PRICE
18-GFF6	1 1/2"	Full Face Flange	1 1/2"	$ 3.55
18-GFF7	2"	Full Face Flange	2"	$ 4.06



Meter Bushings

Changes thread size only



10J12 - Converts 5/8" meter spud to 5/8" x 3/4" meter spud - one bushing, .50 long .....$ 5.98

10J12KIT - Converts 5/8" meter spud to 5/8" x 3/4" meter spud - two pieces per bag, .50 long.....$ 11.95

10J12 x .75 - Converts 5/8" meter spud to 5/8" x 3/4" meter spud - one bushing, .75 long .....$ 5.98

10J12KIT x .75 - Converts 5/8" meter spud to 5/8" x 3/4" meter spud - two pieces per bag, 75 long.....$ 11.95



10J34B - Converts 3/4" meter spud to 1" meter spud - one bushing .....$ 17.87

10J45 - Converts 1" meter spud to 1 1/4" meter spud - one bushing.....$ 10.80

Meter Adapters

Converts meter size and laying length



710J13 - Converts 5/8" meter to 3/4" meter - two pieces required per meter.....$ 14.56

710J13KIT - Converts 5/8" meter to 3/4" meter - two pieces per kit.....$ 29.13



710J14 - Converts 5/8" meter to 1" meter - two pieces required per meter.....$ 18.21

710J14KIT - Converts 5/8" meter to 1" meter - two pieces per kit.....$ 36.40



710J23 - Converts 5/8" x 3/4" meter to 3/4" meter - one piece required per meter .....$ 18.50



710J24 - Converts 5/8" x 3/4" meter to 1" meter - two pieces required per meter.....$ 22.25

710J24KIT - Converts 5/8" x 3/4" meter to 1" meter - two pieces per kit.....$ 44.49



710J34 - Converts 3/4" meter to 1" meter - two pieces required per meter.....$ 17.08

710J34KIT - Converts 3/4" meter to 1" meter - two pieces per kit.....$ 34.16

710J44 - Extends 1" male meter threads by 1.75..$ 26.35

710J44DCA -1" Meter adapter 3.88" long .....$ 94.55



710J46 - Converts 1" meter to 1 1/2" flanged meter size and length - two pieces required per meter .....$ 129.15

710J46KIT - Converts 1" meter to 1 1/2" flanged meter size and length - two pieces per kit .....$ 258.29



710J47 - Converts 1" meter to 2" flanged meter size and length two pieces required per meter....$ 132.17

710J47D - Converts 1" meter to 2" flanged meter size and length two pieces required per meter Dual hole for 1 1/2" & 2" meters .....$ 132.17

710J47KIT - Converts 1" meter to 2" flanged meter size and length two pieces per kit.....$ 264.35



710J67 - Converts 1 1/2"" flanged meter to 2" flanged meter size and length - two pieces required per meter - two bolts included.....$ 174.85

710J67KIT - Converts 1 1/2"" flanged meter to 2" flanged meter size and length - two pieces per kit - four bolts included.....$ 349.69



710J67DH - Converts 1 1/2"" flanged meter to 2" flanged meter size and length - two pieces required per meter Slotted holes for 1 1/2"" or 2" meters - does not include bolts and nuts.....$ 174.85

710J67DHX2 - Converts 1 1/2" flanged meter to 2" flanged meter size and length -two piece, required per meter. Slotted holes for 1 1/2"" or 2" meters - does not include bolts and nuts w/2" bore....$ 174.85

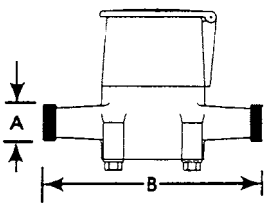


710J77DHX2 X1.75 - Converts 2" x 15.25" flanged meter to 2" x 17" flanged meter size and length -one piece required per meter. Slotted holes for 1 1/2"" or 2" meters - does not include bolts and nuts w/2" bore....$ 174.85

6121NB - 5/8" x 2.50 hex bolt and nut, zinc plated - 2 each per bag for 1 1/2" and 2" oval flange assembly.....$ 8.55

Meter Dimensions

Meter Size	5/8"	3/4" Short Meter, 5/8" x 3/4"	3/4"	3/4" x 1"	1"	1 1/2"	2"
A-Meter Threads	3/4"	1"	1"	1 1/4"	1 1/4"	Oval Flange	Oval Flange
B-Lay Length	7 1/2"	7 1/2"	9"	9"	10 3/4"	13"	17"
A.Y. McDonald Spacing*	7 13/16"	7 13/16"	9 5/16"	9 5/16"	11 3/32"	13 1/4"	17 1/4"



*Allows for meter and two gaskets.

Note: A.Y. McDonald uses the above standards for typical meter applications. If your application is special or in question, you should always measure the meter as shown above. Other meter lay lengths must be specified. An additional 3/8" is added to top spacing to allow for gaskets through 1" meters: Standard 2" top spacing = 17 1/4".











THE CUSTOMER IS THE BOSS

EST. 1856

McDonald

Back Flow, Single & Dual Checks

Water Works Catalog / Price List - April 2019

MORE THAN A BRAND. **WE'RE A FAMILY.**

701 & 7101 Inline Single Check Valves

A.Y. McDonald's unique Inline Single Check Back Flow Valves have a wide variety of inlet / outlet configurations.

Backflow prevention will stop the house water from flowing into a meter pit or on the floor while removing the meter for service.



701-322 33

Features

- Available with a wide variety of threaded or Compression outlet connections.

How to Order

(Example):

- Inline style valve
- Valve size 3/4"
- Inlet - Meter swivel integral with saddle (5/8 x 3/4 meter)
- Outlet - 3/4" FNPT

Order Model 701-3HE 43

701	-	3	H E		4	3
Model Number	Dash	Check Valve Size	Inlet & Outlet Connection	Blank	Inlet	Outlet

Model Number

701 = Inline single check valve

7101 = Inline Accessible

Dash

- = Standard

Check Valve Size

3 = 3/4"
4 = 1"
7 = 2"

Inlet & Outlet Connection -

A = Male meter thread integral
D = Oval flange
E = FNPT integral
H = Meter swivel integral with support lip
J = Meter swivel integral without support lip
P = MNPT integral
S = H CTS integral
T = T CTS integral
U = G CTS integral
V = Q CTS integral
2 = -22 CTS integral

Not all combinations available, contact factory.
For Iron Yoke, K-Thread and UFR, contact factory.

Inlet

METER THREAD	THREAD SIZE DESIGNATION
5/8" Meter	3
5/8" x 3/4" Meter	4
3/4" Meter	4
1" Meter	5
1 1/2" Oval Flange	6
2"Oval Flange	7

Size of Inlet & Outlet

3 = 3/4"
6 = 1 1/2"
7 = 2"

701 & 7101 Inline Single Check Valves

701-322
-22 CTS x -22 CTS



Size	Inlet/Outlet	Carton PCS/WT	Price
33	3/4" / 3/4"	20/1	$86.34

701-3EE
FNPT x FNPT

Size	Inlet/Outlet	Carton PCS/WT	Price
33	3/4" / 3/4"	20/22	$53.17

701-3TT
T CTS x T CTS

Size	Inlet/Outlet	Carton PCS/WT	Price
33	3/4" / 3/4"	20/1	$86.34

701-3UU
G CTS x G CTS

Size	Inlet/Outlet	Carton PCS/WT	Price
33	3/4" / 3/4"	20/1	$86.34

701-3VV
Q CTS x Q CTS

Size	Inlet/Outlet	Carton PCS/WT	Price
33	3/4" / 3/4"	20/1	$86.34

7101-3J2
Integral Meter Swivel without Support Lip x -22 CTS

Size	Inlet/Outlet	Carton PCS/WT	Price
43	5/8" x 3/4" or 3/4" / 3/4"	20/28	$77.35

7101-3JE
Integral Meter Swivel without Support Lip x FNPT

Size	Inlet/Outlet	Carton PCS/WT	Price
43	5/8" x 3/4" or 3/4" / 3/4"	20/23	$56.46

7101-3JP
Integral Meter Swivel without Support Lip x MNPT

Size	Inlet/Outlet	Carton PCS/WT	Price
43	5/8" x 3/4" or 3/4" / 3/4"	20/21	$63.04

7101-3JV
Integral Meter Swivel without Support Lip x Q CTS

Size	Inlet/Outlet	Carton PCS/WT	Price
43	5/8" x 3/4" or 3/4" / 3/4"	20/29	$77.35

7101-4J2
Integral Meter Swivel without Support Lip x -22 CTS

Size	Inlet/Outlet	Carton PCS/WT	Price
54	1" / 1"	10/20	$105.35

7101-4JE
Integral Meter Swivel without Support Lip x FNPT

Size	Inlet/Outlet	Carton PCS/WT	Price
54	1" / 1"	10/17	$68.60

7101-4JP
Integral Meter Swivel without Support Lip x MNPT

Size	Inlet/Outlet	Carton PCS/WT	Price
54	1" / 1"	10/15	$70.19

7101-4JV
Integral Meter Swivel without Support Lip x Q CTS

Size	Inlet/Outlet	Carton PCS/WT	Price
54	1" / 1"	10/21	$105.35

701-7DE
Oval Meter Flange x FNPT

Size	Inlet/Outlet	Carton PCS/WT	Price
66	1 1/2" / 1 1/2"	1/7	$309.60
77	2" / 2"	1/7	$375.43

701-7EE
FNPT x FNPT

Size	Inlet/Outlet	Carton PCS/WT	Price
66	1 1/2" / 1 1/2	1/8	$267.33
77	2" / 2"	1/7	$337.89

702 Angle Single Check Valves



702-3H2 43

A.Y. McDonald's unique Angle Single Check Back Flow Valves have meter swivel nut inlets and a wide variety of outlet configurations. Angle single checks can be ordered on our copper meter setters, resetters, insetters, and iron yokes, or they can be used independently.

Our top cap and unique perpendicular check module design ensures convenient access for inspections, maintenance or replacements without removing the valve from the line. It also allows for a lower profile than traditional top entry check. Backflow prevention will stop the house water from flowing into a meter pit or on the floor while removing the meter for service. This check design has less flow restriction than standard check valves.

Features

- Angle check valve cap available with Pentagon Test Plug.
- Available with a wide variety of threaded or Compression outlet connections.

How to Order

(Example):

- Angle style valve
- No test valve
- Valve size 3/4"
- Inlet - Meter swivel integral with saddle (5/8" x 3/4" or 3/4" meter)
- Outlet - FNPT integral 3/4"

Order Model 702-3HE 33

702	-	3	H E		4 3
Model Number	Dash	Check Valve Size	Inlet & Outlet Connection	Blank	Inlet Outlet

Model Number
702 = Angle single check valve

Dash
- = Standard
W = Pentagon test plug in cap

Check Valve Size
3 = 3/4"
4 = 1"

Inlet & Outlet Connection -
E = FNPT integral
H = Meter swivel integral with support lip
J = Meter swivel integral without support lip
Q = Q CTS integral
R = Copper Flare integral
S = H CTS integral
T = T CTS integral
U = G CTS integral
2 = -22 CTS integral

Not all combinations available, contact factory.

Inlet / Outlet

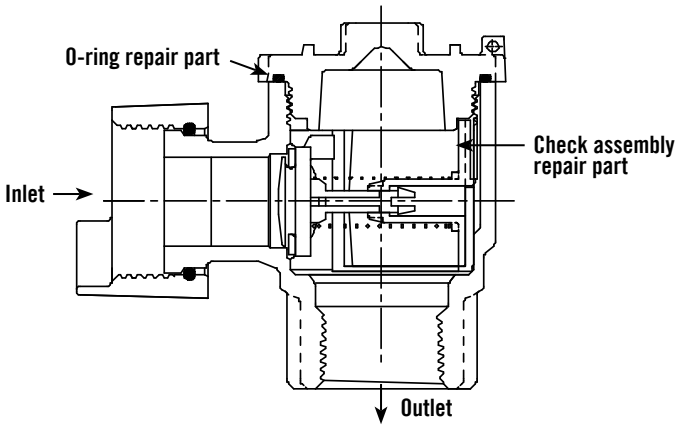
METER THREAD	THREAD SIZE DESIGNATION
5/8" Meter	3
5/8" x 3/4" Meter	4
3/4" Meter	4
1" Meter	5

IRON PIPE, YOKE OR K-THREAD	THREAD SIZE DESIGNATION
3/4" Thread	3
1" Thread	4

For Test Port/Drain in Cap
Add $ 18.60 to list price and replace "-" in model number with "W"
i.e. 702-3HE 33 = 702W3HE 33

Components and Repair Parts

Contact factory for repair parts.



702 Angle Single Check Valves

702-3HE
Meter Swivel with Support Lip x FNPT

Size	Inlet/Outlet	Carton PCS/WT	Price
33	5/8" / 3/4"	10/13	$61.34
43	5/8" x 3/4" or 3/4" / 3/4"	10/12	$61.34

702-3JE
Meter Swivel without Support Lip x FNPT

Size	Inlet/Outlet	Carton PCS/WT	Price
33	5/8" / 3/4"	10/18	$61.34
43	5/8" x 3/4" or 3/4" / 3/4"	10/13	$61.34

702-3J2
Meter Swivel without Support Lip x -22 CTS

Size	Inlet/Outlet	Carton PCS/WT	Price
33	5/8" / 3/4"	10/15	$72.01
43	5/8" x 3/4" or 3/4" / 3/4"	10/16	$72.01



702-3H2
Meter Swivel with Support Lip x -22 CTS

Size	Inlet/Outlet	Carton PCS/WT	Price
33	5/8" / 3/4"	10/15	$72.01
43	5/8" x 3/4" or 3/4" / 3/4"	10/16	$72.01

702-3HQ
Meter Swivel with Support Lip x Q CTS

Size	Inlet/Outlet	Carton PCS/WT	Price
33	5/8" / 3/4"	10/20	$72.01
43	5/8" x 3/4" or 3/4" / 3/4"	10/17	$72.01

702-3HT
Meter Swivel with Support Lip x T CTS

Size	Inlet/Outlet	Carton PCS/WT	Price
33	5/8" / 3/4"	10/21	$72.01
43	5/8" x 3/4" or 3/4" / 3/4"	10/16	$72.01

702-4HE
Meter Swivel with Support Lip x FNPT

Size	Inlet/Outlet	Carton PCS/WT	Price
54	1" / 1"	10/23	$73.68

702-4JE
Meter Swivel Nut without Support Lip x FNPT

Size	Inlet/Outlet	Carton PCS/WT	Price
54	1" / 1"	10/22	$73.68

702-4H2
Meter Swivel with Support Lip x -22 CTS

Size	Inlet/Outlet	Carton PCS/WT	Price
54	1" / 1"	10/27	$76.97

702-4HQ
Meter Swivel with Support Lip x Q CTS

Size	Inlet/Outlet	Carton PCS/WT	Price
54	1" / 1"	10/30	$76.97

702-4HU
Meter Swivel with Support Lip x G CTS

Size	Inlet/Outlet	Carton PCS/WT	Price
54	1" / 1"	10/29	$76.97

702-4HR
Metering Swivel with Support Lip x Flare

Size	Inlet/Outlet	Carton PCS/WT	Price
54	1" / 1"	10/28	$79.31

702-4HT
Metering Swivel with Support Lip x T CTS

Size	Inlet/Outlet	Carton PCS/WT	Price
54	1" / 1"	10/29	$76.97

02-3RK
Repair Kit for Model 702-3 Single Check (Includes Check Cartridge and O-Rings)

Size	Carton PCS/WT	Price
3/4"	1/1	$24.26

02-4RK
Repair Kit for Model 702-4 Single Check Valves (Includes Check Cartridge and O-Rings)

Size	Carton PCS/WT	Price
1"	1/1	$42.27

711 Inline Dual Check Valves

A.Y. McDonald Inline Dual Check Valves protect the public water supply by preventing the reverse flow of water from the building back into the water main. The Series 711 dual check valve is available with a wide variety of end connections to connect directly to water meters or other types of piping.



711-3F2 33

Features

- Available with a wide variety of threaded or Compression connections.
- Dual checks work independently of each other.
- Valve will operate with either check removed.
- Designed Tested to ANSI/ASSE 1024 requirements.

How to Order

(Example):

- Inline style valve
- Valve size 3/4”
- Inlet - FNPT union 3/4”
- Outlet - 3/4” FNPT

Order Model 711-3FE 33

711	-	3	F E		3 3
Model Number	Dash	Check Valve Size	Inlet & Outlet Connection	Blank	Inlet / Outlet

Model Number

711 = Inline Dual Check valve (Two inline checks)

7311 = Special

Dash

- = Standard

Check Valve Size

3 = 3/4”
4 = 1”

Inlet & Outlet Connection

A = Male meter thread integral
B = Male meter thread union
C = -22 CTS union
D = G CTS union
E = FNPT integral
F = FNPT union
G = T CTS union
H = Meter swivel integral with support lip
J = Meter swivel integral without support lip
K = K Style male thread integral
L = K Style female thread integral
M = MNPT union
N = Femlale meter thread union
O = PE CTS union
P = MNPT integral
Q = K style male thread union
R = Q CTS union
S = H CTS integral
T = T CTS integral
U = G CTS integral
V = Q CTS integral
2 = -22 CTS integral

Not all combinations available, contact factory.

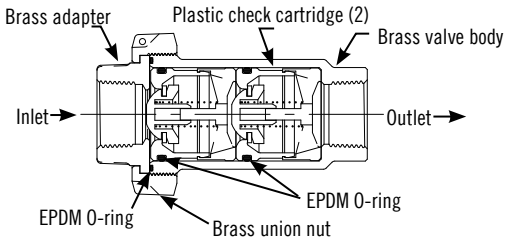
Inlet / Outlet

METER THREAD	THREAD SIZE DESIGNATION
5/8” Meter	3
5/8” x 3/4” Meter	4
3/4” Meter	4
1” Meter	5

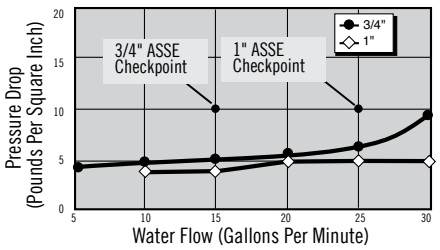
IRON PIPE, YOKE OR K-THREAD	THREAD SIZE DESIGNATION
3/4” Thread	3
1” Thread	4

Components and Repair Parts

Inline



For repair kit, order 11-3RK. Kit includes cap o-ring and two cartridges with o-rings.



11-3RK

Repair Kit

3 EPDM O-rings, 2 Plastic Check Cartridges

Size	Carton PCS/WT	Price
3/4”	1/1	$23.74

11-4RK

Repair Kit

3 EPDM O-rings, 2 Plastic Check Cartridges

Size	Carton PCS/WT	Price
1”	1/1	$44.40

711 Inline Dual Check Valves

711-3AF
3/4" Male Meter Thread x 3/4" FNPT

Size	Inlet/Outlet	Carton PCS/WT	Price
43	5/8" x 3/4" or 3/4" / 3/4"	1/2	$105.32

711-3AN
Male Meter Thread Integral x Female Meter Thread Union

Size	Inlet/Outlet	Carton PCS/WT	Price
33	5/8" / 5/8"	1/2	$105.32
34	5/8" / 5/8" x 3/4" or 3/4"	1/2	$105.32
44	5/8" x 3/4" or 3/4" / 5/8" x 3/4" or 3/4"	16/23	$105.32

711-3BA
Male Meter Thread Union x Male Meter Thread Integral

Size	Inlet/Outlet	Carton PCS/WT	Price
44	5/8" x 3/4" or 3/4" / 5/8" x 3/4" or 3/4"	1/2	$100.80

711-3C2
-22 CTS Union x -22 CTS Integral

Size	Inlet/Outlet	Carton PCS/WT	Price
33	3/4" / 3/4"	1/3	$130.21

711-3CE
-22 CTS Union x FNPT Integral

Size	Inlet/Outlet	Carton PCS/WT	Price
33	3/4" / 3/4"	1/2	$118.30

711-3CP
-22 CTS Union x MNPT Integral

Size	Inlet/Outlet	Carton PCS/WT	Price
33	3/4" / 3/4"	1/3	$118.30

711-3F2
FNPT Union x -22 CTS Integral

Size	Inlet/Outlet	Carton PCS/WT	Price
33	3/4" / 3/4"	1/2	$118.30

711-3FE
FNPT Union x FNPT Integral



Size	Inlet/Outlet	Carton PCS/WT	Price
33	3/4" / 3/4"	1/2	$105.32

711-3FP
FNPT Union x MNPT Integral



Size	Inlet/Outlet	Carton PCS/WT	Price
33	3/4" / 3/4"	1/2	$105.32

711-3FT
FNPT Union x T CTS Integral

Size	Inlet/Outlet	Carton PCS/WT	Price
33	3/4" / 3/4"	1/2	$118.30

711-3FV
FNPT Union x Q CTS Integral

Size	Inlet/Outlet	Carton PCS/WT	Price
33	3/4" / 3/4"	16/36	$118.30

711-3GE
T CTS Union x FNPT Integral

Size	Inlet/Outlet	Carton PCS/WT	Price
33	3/4" / 3/4"	1/3	$118.30

711-3GP
T CTS Union x MNPT Integral

Size	Inlet/Outlet	Carton PCS/WT	Price
33	3/4" / 3/4"	1/3	$118.30

711-3GT
T CTS Union x T CTS Integral

Size	Inlet/Outlet	Carton PCS/WT	Price
33	3/4" / 3/4"	1/3	$130.21

711-3HB
Meter Swivel with Support Lip Integral x Male Meter Thread Union

Size	Inlet/Outlet	Carton PCS/WT	Price
44	5/8" x 3/4" or 3/4" / 5/8" x 3/4" or 3/4"	1/3	$115.85

711-3JR
Meter Swivel Nut without Support Lip x Q CTS Union

Size	Inlet/Outlet	Carton PCS/WT	Price
33	5/8" / 3/4"	1/3	$134.35
43	5/8" x 3/4" or 3/4" / 3/4"	1/3	$134.35

711-3JB
Meter Swivel Nut Integral without Support Lip x Male Meter Thread Union

Size	Inlet/Outlet	Carton PCS/WT	Price
33	5/8" / 3/4"	1/2	$115.85
44	5/8" x 3/4" or 3/4" / 5/8" x 3/4" or 3/4"	1/2	$115.85

711-3JC
Meter Swivel Nut Integral without Support Lip x -22 CTS Union

Size	Inlet/Outlet	Carton PCS/WT	Price
33	5/8" / 3/4"	1/3	$134.35
43	5/8" x 3/4" or 3/4" / 3/4"	1/3	$134.35

711-3JF
Meter Swivel Nut Integral without Support Lip x FNPT Union



Size	Inlet/Outlet	Carton PCS/WT	Price
33	5/8" / 3/4"	1/2	$115.85
43	5/8" x 3/4" or 3/4" / 3/4"	1/2	$115.85

711-3JG
Meter Swivel Nut Integral without Support Lip x T CTS Union



Size	Inlet/Outlet	Carton PCS/WT	Price
33	5/8" / 3/4"	1/3	$134.35
43	5/8" x 3/4" or 3/4" / 3/4"	1/3	$134.35

711-3JM
Meter Swivel Nut Integral without Support Lip x MNPT Union



Size	Inlet/Outlet	Carton PCS/WT	Price
33	5/8" / 3/4"	1/3	$115.85
43	5/8" x 3/4" or 3/4" / 3/4"	1/2	$115.85

711 Inline Dual Check Valves

711-3M2
MNPT Union x -22 CTS Integral

Size	Inlet/Outlet	Carton PCS/WT	Price
33	3/4" / 3/4"	1/4	$118.30

711-3MA
MNPT Union x Male Meter Thread Integral

Size	Inlet/Outlet	Carton PCS/WT	Price
33	3/4" / 5/8"	1/2	$100.80
34	3/4" / 5/8" x 3/4" or 3/4"	1/2	$100.80

711-3ME

MNPT Union x FNPT Integral

Size	Inlet/Outlet	Carton PCS/WT	Price
33	3/4" / 3/4"	1/2	$105.32

711-3MJ
MNPT Union x Meter Swivel Integral without Support Lip

Size	Inlet/Outlet	Carton PCS/WT	Price
34	3/4" / 5/8" x 3/4" or 3/4"	1/2	$115.85

711-3MP

MNPT Union x MNPT Integral

Size	Inlet/Outlet	Carton PCS/WT	Price
33	3/4" / 3/4"	1/2	$100.80

711-3MT
MNPT Union x T CTS Integral

Size	Inlet/Outlet	Carton PCS/WT	Price
33	3/4" / 3/4"	1/3	$118.30

711-3MV
MNPT Union x Q CTS Integral

Size	Inlet/Outlet	Carton PCS/WT	Price
33	3/4" / 3/4"	1/4	$118.30

711-3N2
Female Meter Thread Union x -22 CTS Integral

Size	Inlet/Outlet	Carton PCS/WT	Price
33	5/8" / 3/4"	1/2	$118.30
43	5/8" x 3/4" or 3/4" / 3/4"	1/2	$118.30

711-3NA

Female Meter Thread Union x Male Meter Thread Integral

Size	Inlet/Outlet	Carton PCS/WT	Price
33	5/8" / 5/8"	1/2	$105.32
43	5/8" x 3/4" or 3/4" / 5/8"	1/2	$105.32
44 x 3.63	5/8" x 3/4" or 3/4" / 5/8" x 3/4" or 3/4"	1/2	$105.32
44	5/8" x 3/4" or 3/4" / 5/8" x 3/4" or 3/4"	1/2	$105.32

711-3NE
Female Meter Thread Union x FNPT Integral

Size	Inlet/Outlet	Carton PCS/WT	Price
33	5/8" / 3/4"	1/2	$105.32
43	5/8" x 3/4" or 3/4" / 3/4"	1/2	$105.32

711-3NP
Female Meter Thread Union x MNPT Integral

Size	Inlet/Outlet	Carton PCS/WT	Price
33	5/8" / 3/4"	1/2	$105.32
43	5/8" x 3/4" or 3/4" / 3/4"	1/2	$105.32
44	5/8" x 3/4" or 3/4" / 1"	1/2	$105.32

711-3NT
Female Meter Thread Union x T CTS Integral

Size	Inlet/Outlet	Carton PCS/WT	Price
33	5/8" / 3/4"	1/2	$118.30
43	5/8" x 3/4" or 3/4" / 3/4"	1/2	$118.30

711-3NV
Female Meter Thread Union x Q CTS Integral

Size	Inlet/Outlet	Carton PCS/WT	Price
33	5/8" / 3/4"	16/28	$118.30
43	5/8" x 3/4" or 3/4" / 3/4"	1/3	$118.30

711-3PF
MNPT Integral x FNPT Union

Size	Inlet/Outlet	Carton PCS/WT	Price
33	3/4" / 3/4"	1/2	$105.32

711-3PN
MNPT Integral x Female Meter Thread Union

Size	Inlet/Outlet	Carton PCS/WT	Price
34	3/4" / 5/8" x 3/4" or 3/4"	1/2	$100.32

711 Inline Dual Check Valves

711-3RV
Q CTS Union x Q CTS Integral

Size	Inlet/Outlet	Carton PCS/WT	Price
33	3/4" / 3/4"	1/3	$118.30

7311-3JF
Integral Meter Swivel without Support Lip x FNPT Union



Size	Inlet/Outlet	Carton PCS/WT	Price
33	5/8" / 3/4"	1/2	$110.59
43	5/8" x 3/4" or 3/4" / 3/4"	1/2	$110.59

7311-3JM
Integral Meter Swivel without Support Lip x MNPT Union

Size	Inlet/Outlet	Carton PCS/WT	Price
43	5/8" x 3/4" or 3/4" / 3/4"	1/2	$110.59

711-4NA
Female Meter Thread Union x Male Meter Thread Integral

Size	Inlet/Outlet	Carton PCS/WT	Price
55	1" / 1"	1/3	$240.32

711-4EM
FNPT Integral x MNPT Union

Size	Inlet/Outlet	Carton PCS/WT	Price
44	1" / 1"	1/3	$202.81

711-4FE
FNPT Union x FNPT Integral



Size	Inlet/Outlet	Carton PCS/WT	Price
44	1" / 1"	1/3	$202.81

711-4HB
Meter Swivel Integral with Support Lip x Male Meter Union

Size	Inlet/Outlet	Carton PCS/WT	Price
55	1" / 1"	1/4	$216.04

711-4JB
Meter Swivel Integral without Support Lip x Male Meter Union

Size	Inlet/Outlet	Carton PCS/WT	Price
55	1" / 1"	1/4	$216.04

711-4JF
Meter Swivel Integral without Support Lip x FNPT Union



Size	Inlet/Outlet	Carton PCS/WT	Price
54	1" / 1"	1/3	$216.04

711-4JM
Meter Swivel Integral without Support Lip x MNPT Union



Size	Inlet/Outlet	Carton PCS/WT	Price
54	1"/ 1"	1/4	$216.04

711-4MJ
MNPT Union x Meter Swivel Integral without Support Lip

Size	Inlet/Outlet	Carton PCS/WT	Price
45	1" / 1"	1/4	$216.04

711-4ME
MNPT Union x FNPT Integral

Size	Inlet/Outlet	Carton PCS/WT	Price
44	1" / 1"	1/3	$202.81

711-7DE
Oval Flange x FNPT

Size	Inlet/Outlet	Carton PCS/WT	Price
66	1 1/2" x 1 1/2"	1/8	$403.49
77	2" x 2"	1/8	$489.29

711-7EE
FNPT x FNPT - Inline Accessible

Size	Inlet/Outlet	Carton PCS/WT	Price
66	1 1/2" x 1 1/2"	1/9	$334.16
77	2" x 2"	1/8	$422.35

711F7DE
Oval Flange x FNPT - Inline Accessible, 1 1/2" Tap in cap

Size	Inlet/Outlet	Carton PCS/WT	Price
66	1 1/2" x 1 1/2"	1/9	$442.18
77	2" x 2"	1/10	$520.68

711X Inline Dual Check Valves

711X3JF
Integral Meter Swivel without Support Lip x FNPT Union (reduced weight)

Size	Inlet/Outlet	Carton PCS/WT	Price
43	5/8" x 3/4" or 3/4" / 3/4"	1/2	$61.95
54	1" / 1"	1/2	$67.91

711X3JM
Integral Meter Swivel without Support Lip x MNPT Union (reduced weight)

Size	Inlet/Outlet	Carton PCS/WT	Price
43	5/8" x 3/4" or 3/4" / 3/4"	1/2	$65.53
54	1" / 1"	1/2	$75.06

711X3NA
Meter Swivel Union x Male Meter Thread Integral

Size	Inlet/Outlet	Carton PCS/WT	Price
44	5/8" x 3/4" or 3/4" / 5/8" x 3/4" or 3/4"	1/2	$96.62

711X4FE
FNPT Union x FNPT Integral (reduced weight)

Size	Inlet/Outlet	Carton PCS/WT	Price
44	1" / 1"	1/3	$121.52

711X4JF
Integral Meter Swivel without Support Lip x FNPT Union (reduced weight)

Size	Inlet/Outlet	Carton PCS/WT	Price
54	1" / 1"	1/3	$128.67

711X4JM
Integral Meter Swivel without Support Lip x MNPT Union (reduced weight)

Size	Inlet/Outlet	Carton PCS/WT	Price
54	1" / 1"	1/3	$135.82

711X4ME
MNPT Union x FNPT Integral (reduced weight)

Size	Inlet/Outlet	Carton PCS/WT	Price
44	1" / 1"	1/3	$128.67

7311X3JF
Meter Swivel without Support Lip x FNPT Union

Size	Inlet/Outlet	Carton PCS/WT	Price
43	5/8" x 3/4" or 3/4" / 3/4"	1/2	$50.04

7311X3JM
Meter Swivel without Support Lip x MNPT Union

Size	Inlet/Outlet	Carton PCS/WT	Price
43	5/8" x 3/4" or 3/4" / 3/4"	1/2	$53.61

712 Angle Dual Check Valves



712-3JE 43

A.Y. McDonald's unique Angle Dual Check Back Flow Valves have meter swivel nut inlet and a wide variety of outlet configurations. Angle dual checks can be ordered on our copper meter setters, resetters, insetters and iron yokes or they can be used independently.

Our top cap and unique perpendicular check module design ensures convenient access to both checks for inspections, maintenance or replacements without removing the valve from the line. It also allows for a lower profile than traditional top entry dual checks. Backflow of water is still deterred if either of the checks are removed or inoperable. This check design has less flow restriction than standard check valves.

Features

- Angle check valve available with Pentagon Test Plug in cap.
- Available with a wide variety of threaded or compression connections.
- Dual checks work independently of each other.
- Valve will operate with either check removed.
- Design Tested to ANSI/ASSE 1024 requirements.

How to Order

(Example):

- Angle style valve
- No test valve
- Valve size 3/4"
- Inlet - Meter swivel nut (5/8" x 3/4" meter)
- Outlet - 3/4" FNPT

Order Model 712-3JE 43

712	-	3	J E		4 3
Model Number	Dash	Check Valve Size	Inlet & Outlet Connection	Blank	Inlet Outlet

712 = Angle Dual Check valve

- = Standard
W = Pentagon test plug in cap

3 = 3/4"
4 = 1"

Inlet & Outlet Connection

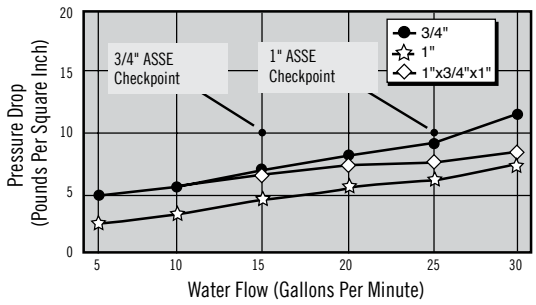
B = -3G PEP integral
E = FNPT integral
H = Meter swivel integral with support lip
I = -3H PEP integral
J = Meter swivel integral without support lip
Q = Q CTS integral
R = Copper Flare integral
S = H CTS integral
T = T CTS integral
U = G CTS integral
Z = -3Q PEP integral
2 = -22 CTS integral
3 = -33 PEP-7 integral
4 = -44 PVC integral
5 = -55 IPS integral

Not all combinations available, contact factory.

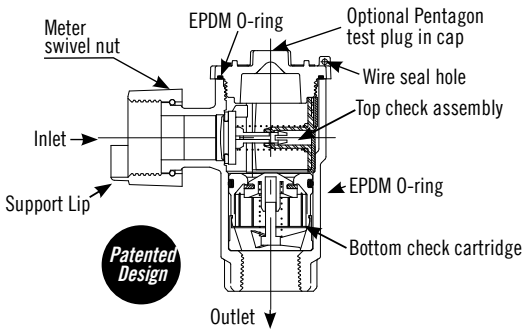
METER THREAD	THREAD SIZE DESIGNATION
5/8" Meter	3
5/8" x 3/4" Meter	4
3/4" Meter	4
1" Meter	5

IRON PIPE, YOKE OR K-THREAD	THREAD SIZE DESIGNATION
3/4" Thread	3
1" Thread	4

Components and Repair Parts



Angle



For repair kit, order 12-3RK. Kit includes top check, bottom check with o-ring and cap o-ring.

712 Angle Dual Check Valves

For Test Port/Drain in Cap
Add $ 18.60 to list price and replace "-" in model number with "W"
i.e. 712-3HE = 712W3HE

712-3HE
Meter Swivel Nut with Support Lip x FNPT

Size	Inlet/Outlet	Carton PCS/WT	Price
33	5/8" / 3/4"	12/19	$123.51
43	5/8" x 3/4" or 3/4" / 3/4"	12/19	$123.51
54	1" / 1"	12/25	$140.16

712-3JR
Meter Swivel without Support Lip x Flare

Size	Inlet/Outlet	Carton PCS/WT	Price
33	5/8" / 3/4"	12/24	$138.54
43	5/8" x 3/4" or 3/4" / 3/4"	12/24	$138.54
54	1" / 1"	12/30	$153.30

712-3J2
Meter Swivel without Support Lip x -22 CTS

Size	Inlet/Outlet	Carton PCS/WT	Price
33	5/8" / 3/4"	12/22	$139.36
43	5/8" x 3/4" or 3/4" / 3/4"	12/23	$139.36
54	1" / 1"	12/27	$154.29

712-3HR
Meter Swivel Nut with Support Lip x Flare

Size	Inlet/Outlet	Carton PCS/WT	Price
33	5/8" / 3/4"	12/24	$138.54
43	5/8" x 3/4" or 3/4" / 3/4"	12/26	$138.54
54	1" / 1"	12/30	$153.30

712-3HQ
Meter Swivel with Support Lip x Q CTS

Size	Inlet/Outlet	Carton PCS/WT	Price
33	5/8" / 3/4"	12/23	$139.36
43	5/8" x 3/4" or 3/4" / 3/4"	12/23	$139.36
54	1" / 1"	12/28	$154.29

712-3JQ
Meter Swivel without Support Lip x Q CTS

Size	Inlet/Outlet	Carton PCS/WT	Price
33	5/8" / 3/4"	12/23	$139.36
43	5/8" x 3/4" or 3/4" / 3/4"	12/23	$139.36
54	1" / 1"	12/28	$154.29

712-3H2
Meter Swivel Nut with Support Lip x -22 CTS

Size	Inlet/Outlet	Carton PCS/WT	Price
33	5/8" / 3/4"	12/22	$139.36
43	5/8" x 3/4" or 3/4" / 3/4"	12/22	$139.36
54	1" / 1"	12/28	$154.29

712-3HT
Meter Swivel Nut with Support Lip x T CTS

Size	Inlet/Outlet	Carton PCS/WT	Price
33	5/8" / 3/4"	12/21	$139.36
43	5/8" x 3/4" or 3/4" / 3/4"	12/24	$139.36
54	1" / 1"	12/29	$154.29

712-3JT
Meter Swivel without Support Lip x T CTS

Size	Inlet/Outlet	Carton PCS/WT	Price
33	5/8" / 3/4"	12/25	$139.36
43	5/8" x 3/4" or 3/4" / 3/4"	12/24	$139.36
54	1" / 1"	12/28	$154.29

712-3HU
Meter Swivel with Support Lip x G CTS

Size	Inlet/Outlet	Carton PCS/WT	Price
33	5/8" / 3/4"	12/22	$139.36
43	5/8" x 3/4" or 3/4" / 3/4"	12/24	$139.36
54	1" / 1"	12/28	$154.29

712-3JE
Meter Swivel without Support Lip x FNPT

Size	Inlet/Outlet	Carton PCS/WT	Price
33	5/8" / 3/4"	12/20	$123.51
43	5/8" x 3/4" or 3/4" / 3/4"	12/19	$123.51
54	1" / 1"	12/23	$140.16

12-3RK
Repair Kit for 3/4" Check - Vertical/Horizontal

Size	Carton PCS/WT	Price
3/4"	1/1	$35.12

712-4H2
Meter Swivel Nut with Support Lip x -22 CTS

Size	Inlet/Outlet	Carton PCS/WT	Price
54	1" / 1"	10/33	$241.60

712-4HT
Meter Swivel Nut with Support Lip x T CTS

Size	Inlet/Outlet	Carton PCS/WT	Price
54	1" / 1"	10/33	$241.60

712-4JE
Meter Swivel x FNPT

Size	Inlet/Outlet	Carton PCS/WT	Price
54	1" / 1"	10/25	$214.33

712-4HU
Meter Swivel Nut with Support Lip x G CTS

Size	Inlet/Outlet	Carton PCS/WT	Price
54	1" / 1"	10/33	$241.60

712-4HE
Meter Swivel Nut with Support Lip x FNPT

Size	Inlet/Outlet	Carton PCS/WT	Price
54	1" / 1"	10/29	$214.33

712-4JR
Meter Swivel without Support Lip x Flare

Size	Inlet/Outlet	Carton PCS/WT	Price
54	1" / 1"	10/33	$239.64

712-4HQ
Meter Swivel Nut with Support Lip x Q CTS

Size	Inlet/Outlet	Carton PCS/WT	Price
54	1" / 1"	10/33	$241.60

712-4HR
Meter Swivel Nut with Support Lip x Flare

Size	Inlet/Outlet	Carton PCS/WT	Price
54	1" / 1"	10/33	$239.64

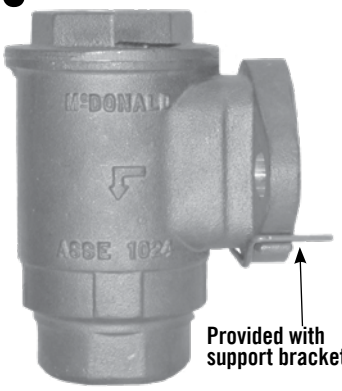
12-4RK
Repair Kit for 1" Check Vertical / Horizontal

Size	Carton PCS/WT	Price
1"	1/1	$44.93

712 Oval Flanged Angle Dual Check Valves

A.Y. McDonald's unique Angle Dual Check Back Flow Valves have meter oval flange inlet and FNPT outlet configurations. Angle dual checks can be ordered on our copper meter setters and resetters or they can be used independently.

Our top cap and unique perpendicular check module design ensures convenient access to both checks for inspections, maintenance, or replacements without removing the valve from the line. Backflow of water is still deterred if either of the checks are removed or inoperable.



712-7DE 77

Features

- Dual checks work independently of each other.
- Valve will operate with either check removed.
- Top cap is available with 1", 1 1/2", or 2" FNPT taps. - $21.69 adder
- Design Tested to ANSI/ASSE 1024 requirements.

How to Order

(Example):

- Angle style valve
- No test valve
- Valve size 2"
- Inlet - Meter flange 2"
- Outlet - FNPT integral 2"

Order Model 712-7DE 77

712	-	7	D E		7 7
Model Number	Dash	Check Valve Size	Inlet & Outlet Connection	Blank	Inlet / Outlet

712 = Flanged Angle Dual Check valve

- = Standard
C = With 1" FNPT tap in cap
F = With 1 1/2" FNPT tap in cap
G = With 2" FNPT tap in cap

7 = 2"

Inlet & Outlet Connection
D = Meter Flanged with meter support brackets (2" flange provided with bolt holes for 1 1/2" and 2" meter)
E = FNPT integral
G = "G" CTS Integral
Q = "Q" CTS Integral
T = "T" CTS Integral
2 = "-22" CTS Integral

METER FLANGE	THREAD SIZE DESIGNATION
1 1/2" Meter	6
2" Meter	7

IRON PIPE	THREAD SIZE DESIGNATION
1 1/2" Thread	6
2" Thread	7

712-7DE
Oval Flange x FNPT

Size	Inlet/Outlet	Carton PCS/WT	Price
66	1 1/2" / 1 1/2"	1/9	$488.99
77	2" / 2"	1/9	$488.99

712-7DG
Oval Flange x G CTS

Size	Inlet/Outlet	Carton PCS/WT	Price
77	2" / 2"	1/10	$575.86

712-7DT
Oval Flange x T CTS

Size	Inlet/Outlet	Carton PCS/WT	Price
77	2" / 2"	1/9	$575.86

712-7D2
Oval Flange x -22 CTS

Size	Inlet/Outlet	Carton PCS/WT	Price
77	2" / 2"	1/10	$575.86

712-7DQ
Oval Flange x Q CTS

Size	Inlet/Outlet	Carton PCS/WT	Price
77	2" / 2"	1/10	$575.86

712-7RK
Angle Dual Check Repair Kit 2" Check

Size	Inlet/Outlet	Carton PCS/WT	Price
2		1/1	$133.55

7111 Inline Accessible Dual Check Valves

A.Y. McDonald's unique Inline Accessible Dual Check Back Flow Valves have meter swivel nut inlets and a wide variety of outlet configurations.



Our top cap and unique check module design ensures convenient access to both checks for inspections, maintenance or replacements without removing the valve from the line. Backflow of water is still deterred if either of the checks are removed or inoperable.

Features

- Available with a wide variety of threaded or Compression connections.
- Dual checks work independently of each other.
- Valve will operate with either check removed.
- Design Tested to ANSI/ASSE 1024 requirements.

How to Order

(Example):

- Inline style valve
- Valve size 3/4"
- No test valve
- Inlet - Meter swivel nut (5/8" x 3/4" meter)
- Outlet - FNPT integral 3/4"

Order Model 7111-3JE 43

7111	-	3	J E		4 3
Model Number	Dash	Check Valve Size	Inlet & Outlet Connection	Blank	Inlet / Outlet

Model Number
7111 = Inline Accessible Dual Check valve (Two inline checks)

Dash
- = Standard
W = Pentagon test plug in cap
R = Reverse Direction

Check Valve Size
3 = 3/4"
4 = 1"

Inlet & Outlet Connection
E = FNPT integral
H = Meter swivel integral with support lip
J = Meter swivel integral without support lip
P = MNPT integral
Not all combinations available, contact factory.

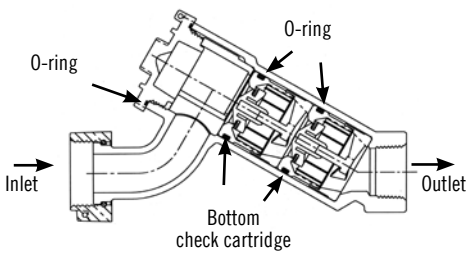
Inlet / Outlet

METER THREAD	THREAD SIZE DESIGNATION
5/8" Meter	3
5/8" x 3/4" Meter	4
3/4" Meter	4
1" Meter	5

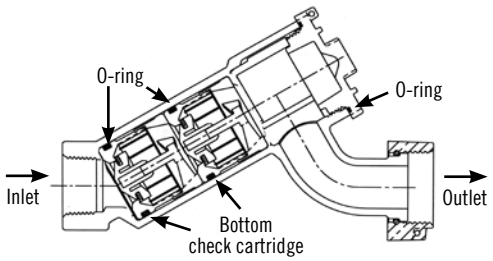
IRON PIPE, YOKE OR K-THREAD	THREAD SIZE DESIGNATION
3/4" Thread	3
1" Thread	4

Compononents and Repair Parts

Standard Flow Direction



Reverse Flow Direction



7111 Inline Accessible Dual Check Valves

7111-3JE
Meter Swivel without Support Lip x FNPT

Size	Inlet/Outlet	Carton PCS/WT	Price
33	5/8" / 3/4"	6/16	$129.76
43	5/8" x 3/4" or 3/4" / 3/4"	6/13	$129.76

7111-3JP
Meter Swivel without Support Lip x MNPT

Size	Inlet/Outlet	Carton PCS/WT	Price
33	5/8" / 3/4"	6/15	$129.76
43	5/8" x 3/4" or 3/4" / 3/4"	6/15	$129.76

7111-4JE
Meter Swivel without Support Lip x MNPT

Size	Inlet/Outlet	Carton PCS/WT	Price
54	1" / 1"	6/21	$223.96

7111R3EE
FNPT x FNPT (reverse direction)

Size	Inlet/Outlet	Carton PCS/WT	Price
33	3/4" / 3/4"	6/14	$128.19

7111R4EJ
FNPT x Meter Swivel without Support Lip (reverse direction)

Size	Inlet/Outlet	Carton PCS/WT	Price
45	1" / 1"	6/18	$247.86

7112 Angle Dual Check Valves



A.Y. McDonald's unique Angle Dual Check Back Flow Valves have meter swivel nut inlet and a wide variety of outlet configurations. Angle dual checks can be ordered on our copper meter setters, resetters, insetters, and iron yokes, or they can be used independently.

Our top cap and unique check module design ensures convenient access to both checks for inspections, maintenance or replacements without removing the valve from the line. Backflow of water is still deterred if either of the checks are removed or inoperable.

Features

- Available with a wide variety of threaded or compression connections.
- Dual checks work independently of each other.
- Valve will operate with either check removed.
- Design Tested to ANSI/ASSE 1024 requirements.

How to Order

(Example):

- Angle style valve
- No test valve
- Valve size 3/4"
- Inlet - Meter swivel with meter support saddle (5/8" x 3/4" meter)
- Outlet - FNPT integral 3/4"

Order Model 7112-3HE 43

7112	-	3	H E		4 3
Model Number	Dash	Check Valve Size	Inlet & Outlet Connection	Blank	Inlet Outlet

7112 = Angle Dual Check valve (Two inline checks)

Dash
- **-** = Standard
- **R** = Reverse direction
- **W** = Pentagon test plug in cap
- **M** = 1/4" MNPT in cap with cap

Check Valve Size
- **3** = 3/4"
- **4** = 1"

Inlet & Outlet Connection
- **B** = "-3G" PEP integral
- **E** = FNPT integral
- **H** = Meter swivel integral with support lip
- **I** = "-3H" PEP integral
- **J** = Meter swivel integral without support lip
- **Q** = "Q" CTS integral
- **R** = Copper Flare integral
- **S** = "H" CTS integral
- **T** = "T" CTS integral
- **U** = "G" CTS integral
- **Z** = "-3Q" PEP integral
- **2** = "-22" CTS integral
- **3** = "-33" PEP-7 integral
- **4** = "-44" PVC integral
- **5** = "-55" IPS integral

Not all combinations available, contact factory.

Inlet & Outlet

METER THREAD	THREAD SIZE DESIGNATION
5/8" Meter	3
5/8" x 3/4" Meter	4
3/4" Meter	4
1" Meter	5

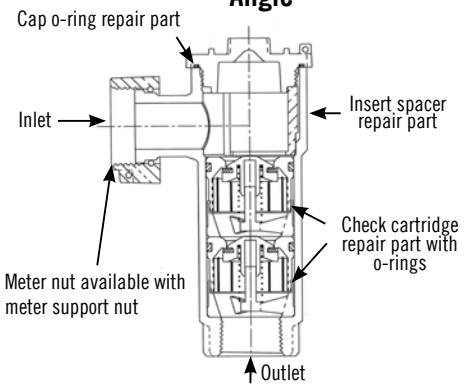
IRON PIPE, YOKE OR K-THREAD	THREAD SIZE DESIGNATION
3/4" Thread	3
1" Thread	4

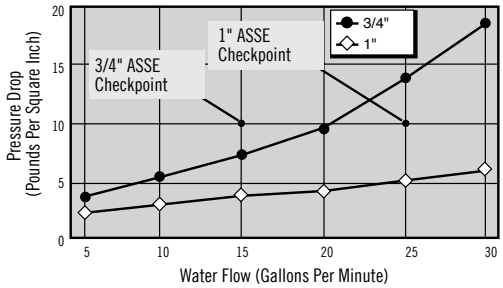
Components and Repair Parts

Most check valves are made to order, please allow two weeks for delivery.

For Test Port/Drain in Cap
Add $ 18.60 to list price and replace "-" in model number with "W"
i.e. 7112-3HE = 7112W3HE

Angle





7112 Angle Dual Check Valves

7112-3HE
Meter Swivel with Support Lip x FNPT

Size	Inlet/Outlet	Carton PCS/WT	Price
33	5/8" / 3/4"	6/15	$123.51
43	5/8" x 3/4" or 3/4" / 3/4"	6/13	$123.51
54	1" / 1"	6/14	$140.16

7112-3HR
Meter Swivel with Support Lip x Flare

Size	Inlet/Outlet	Carton PCS/WT	Price
43	5/8" x 3/4" or 3/4" / 3/4"	6/16	$138.54

7112-3H2
Meter Swivel with Support Lip x -22 CTS

Size	Inlet/Outlet	Carton PCS/WT	Price
43	5/8" x 3/4" or 3/4" / 3/4"	6/13	$139.36

7112-3HQ
Meter Swivel with Support Lip x Q CTS

Size	Inlet/Outlet	Carton PCS/WT	Price
43	5/8" x 3/4" or 3/4" / 3/4"	6/13	$139.36

7112-3HU
Meter Swivel with Support Lip x G CTS

Size	Inlet/Outlet	Carton PCS/WT	Price
43	5/8" x 3/4" or 3/4" / 3/4"	6/13	$139.36

7112-3HT
Meter Swivel with Support Lip x T CTS

Size	Inlet/Outlet	Carton PCS/WT	Price
43	5/8" x 3/4" or 3/4" / 3/4"	6/15	$139.36

7112-3JE
Meter Swivel without Support Lip x FNPT

Size	Inlet/Outlet	Carton PCS/WT	Price
33	5/8" / 3/4"	6/14	$123.51
43	5/8" x 3/4" or 3/4" / 3/4"	6/13	$123.51
54	1" / 1"	6/14	$140.16

7112R3EH
FNPT x Meter Swivel with Support Lip (reverse direction)

Size	Inlet/Outlet	Carton PCS/WT	Price
33	5/8" / 3/4"	6/12	$123.51
43	5/8" x 3/4" or 3/4" / 3/4"	6/12	$135.89

7112M3JE
Meter Swivel without Support Lip x FNPT (with 1/4" MNPT on Cap with Brass Cap Assembled)

Size	Inlet/Outlet	Carton PCS/WT	Price
43	5/8" x 3/4" or 3/4" / 3/4"	6/12	$138.37

112-3RK
Repair Kit for 3/4" Port Two Vertical Checks

Size	Carton PCS/WT	Price
3/4"	1/1	$36.67

7112-4HE
Meter Swivel with Support Lip x FNPT, 1"

Size	Inlet/Outlet	Carton PCS/WT	Price
54	1" / 1"	6/21	$214.33

7112-4HR
Meter Swivel with Support Lip x Flare, 1"

Size	Inlet/Outlet	Carton PCS/WT	Price
54	1" / 1"	6/24	$239.64

7112-4H2
Meter Swivel with Support Lip x -22 CTS, 1"

Size	Inlet/Outlet	Carton PCS/WT	Price
54	1" / 1"	6/25	$241.60

7112-4HQ
Meter Swivel with Support Lip x Q CTS, 1"

Size	Inlet/Outlet	Carton PCS/WT	Price
54	1" / 1"	6/29	$241.60

7112-4HT
Meter Swivel with Support Lip x T CTS, 1"

Size	Inlet/Outlet	Carton PCS/WT	Price
54	1" / 1"	6/23	$241.60

7112-4JE
Meter Swivel without Support Lip x FNPT

Size	Inlet/Outlet	Carton PCS/WT	Price
54	1" / 1"	6/24	$204.13

7112R4EH
FNPT x Meter Swivel with Support Lip (reverse direction)

Size	Inlet/Outlet	Carton PCS/WT	Price
45	1" / 1"	6/19	$214.33

112-4RK
Repair Kit for 1" Port Two Vertical Checks

Size	Carton PCS/WT	Price
1"	1/1	$68.61

7312 Angle Cascading Dual Check

7312-3HE
Meter Swivel with Support Lip x FNPT

Size	Inlet/Outlet	Carton PCS/WT	Price
33	5/8" / 3/4"	15/15	$112.71
43	5/8" x 3/4" or 3/4" / 3/4"	15/18	$112.71
54	1" / 1"	10/14	$117.16

7411 Inline Y Pattern Cascading Dual Check

These inline cascading dual checks can be an integral part of a meter installation and are intended for service use as stipulated by ASSE 1024. This product can be used for supplying dual check backflow prevention to a service line. The check cartridge is also accessible without disturbing the service line.

The water pressure head loss through the checks is lower than the maximum allowed by ASSE, ensuring adequate pressure to the customer. It has excellent corrosion resistance which is provided by stainless steel and acetyl plastic parts and lead free cast brass made to AWWA C800 standard. The cascading dual check is designed to meet or exceed ASSE 1024 requirements.



7411-3HE 43

How to Order

(Example):

- Angle style valve
- No test valve
- Valve size 3/4”
- Inlet - Meter swivel with meter support saddle (5/8” x 3/4” meter)
- Outlet - FNPT integral 3/4”

Order Model 7411-3HE 43

7411	-	3	HE		4	3
Model Number	Dash	Check Valve Size	Inlet & Outlet Connection	Blank	Inlet	Outlet

7411 = Inline Accessible Cascading Dual Check

- = Standard
W = Pentagon test plug in cap

3 = 3/4”

Inlet
H = Meter swivel integral with support lip
J = Meter swivel integral without support lip
L = K - thread swivel

Outlet
E = FNPT integral
P = MNPT integral
K = Male K thread integral

Not all combinations available, contact factory.

METER THREAD	THREAD SIZE DESIGNATION
5/8” Meter	3
5/8” x 3/4” Meter	4
3/4” Meter	4
1” Meter	5

IRON PIPE, YOKE OR K-THREAD	THREAD SIZE DESIGNATION
3/4” Thread	3
1” Thread	4

7411-3HE

Meter Nut with Support Lip x FNPT

Size	Inlet x Outlet	Carton PCS/WT	Price
33	5/8” / 3/4”	10/12	$112.71
43	5/8” x 3/4” or 3/4” / 3/4”	10/12	$112.71
43 x 4.03	5/8” x 3/4” or 3/4” / 3/4”	10/13	$112.71
54	1” / 1”	10/17	$122.48

7411-3JE

Meter Nut Less Support Lip x FNPT

Size	Inlet x Outlet	Carton PCS/WT	Price
33	5/8” / 3/4”	10/13	$112.71
43	5/8” x 3/4” or 3/4” / 3/4”	10/14	$112.71
43 x 4.03	5/8” x 3/4” or 3/4” / 3/4”	10/13	$112.71
54	1” / 1”	10/17	$122.48

7411-3HP

Meter Nut with Support Lip x MNPT

Size	Inlet x Outlet	Carton PCS/WT	Price
33	5/8” / 3/4”	10/13	$110.64
43	5/8” x 3/4” or 3/4” / 3/4”	10/13	$110.64

7411-3JP

Meter Nut Less Support Lip x MNPT

Size	Inlet x Outlet	Carton PCS/WT	Price
33	5/8” / 3/4”	10/13	$110.64
43	5/8” x 3/4” or 3/4” / 3/4”	10/13	$110.64

THERMAL EXPANSION WARNING - Creating a “closed” condition in a hot water system with the installation of a non-return barrier (such as a Check Valve or Backflow Preventer between the system piping and the public supply) can result in extreme pressure rises caused by thermal expansion and/or water hammer. This thermal expansion can damage piping, valves, and other Components in the system. The installation of a pressure relief device or thermal expansion tank can avoid possible damages.











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McDonald

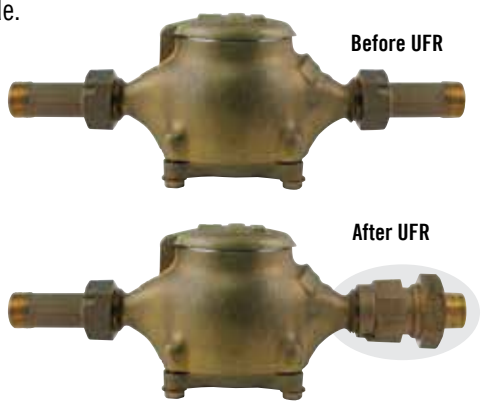
Unmeasured Flow Reducer (UFR)

Water Works Catalog / Price List - April 2019

MORE THAN A BRAND. **WE'RE A FAMILY.**

7201 Meter Coupling

A.Y. McDonald Mfg. Series 7201 Style UFR Meter Coupling is an innovative design that allows low volumes of water usage (previously unmeasured by the water meter) to be measured simply by batching the usage. Studies show that 5% to 10% of total water consumption is lost due to low, unmeasured flows. This device is in service worldwide.



FOR 5/8", 5/8" X 3/4", & 3/4" WATER METERS

- Cast brass housing construction conforms to AWWA C-800 (latest revision)
- Self-cleaning internal components
- Lay length equal to a standard meter coupling (2 1/2") for ease in retrofitting
- Meter swivel nut inlet and MNPT outlet
- Available as a non-check valve where thermal expansion is an issue, add x001 to model number
- For use with Volumetric (Positive Displacement) & Multi-Jet meters
- UFR is directional

How to Order

Order Model 7201-3JM 431

7201	-	3	J	M		4	3	1	
Model Number Prevention Required	Standard	Check Valve Size	Inlet & Outlet Connection		Space	Thread Size	Sizes - Outlet Connection	Meter Type	Backflow

7201 = Inline UFR

3 = 3/4"

Inlet & Outlet Connection -
J = Meter swivel integral without support lip
M = MNPT Integral

METER SIZE	THREAD SIZED	THREAD DESIGNATION
5/8"	3/4"	3
5/8" x 3/4"	1"	4
3/4"	1"	4

1 = 1/2"
3 = 3/4"

1 - Volumetric Meter (V) Positive Displacement

2 - Multi-Jet Meter (M2) Contact factory with name of meter, manufacturer, and model number for assistance in determining appropriate UFR or see table on the following page.

X001 - Without Backflow Prevention

Example:
311 = 5/8" Meter x 1/2" MNPT x PD Meter
312 = 5/8" Meter x 1/2" MNPT x MJ Meter
431 = 5/8" x 3/4" or 3/4" Meter x 3/4" MNPT x PD Meter
432 = 5/8" x 3/4" or 3/4" Meter x 3/4" MNPT x MJ Meter

7201-3JM

Female Meter Swivel Nut without Support Lip x MNPT

Size	Carton PCS/WT	Price
311	25/23	$152.23
311 x 001	25/23	$163.56
312	25/22	$152.23
312 x 001	25/22	$163.56
431	25/23	$152.23
431 x 001	25/22	$163.56
432	25/22	$152.23
432 x 001	25/23	$163.56

7201 Meter Coupling

GENERAL INFORMATION

- **WARNING** - Do **NOT** use UFR with improper meter. The type of meter the UFR is to be used with is marked on the product as follows:
  V = Volumetric Meter M2 = Multi-Jet Meter
  If uncertain of meter type being used, contact factory with meter manufacturer and model number. UFR's without backflow prevention will also be marked "NCV" following the "V" or "M2".
- The UFR can be installed in either the horizontal or vertical position.
- The UFR can be installed either before or after the meter as long as the arrow points in the direction of flow.
- The UFR requires a minimum line pressure of 14 1/2 PSI to operate correctly.
- If used in a system with a pressure regulating valve, best results will be obtained by locating the pressure regulating valve before the UFR or at least 25' after the UFR.
- The UFR does not require regular maintenance.
- Do **NOT** attempt to repair the UFR or replace internal components.
- Replacing the UFR at the time the meter is changed out is highly recommended.

ASSEMBLY INSTRUCTIONS

- Service lines should be thoroughly flushed before installing device. Excessive pipe sealant or Teflon tape may prevent the UFR from working properly. A suitable strainer should be installed upstream of the device.
- The UFR **MUST** be installed so that the arrow on the UFR points in the direction of water flow.
- A pressure relief valve or an expansion tank is recommended downstream of the UFR if thermal expansion conditions are possible. Not required for non-check valve (NCV) UFR's (X001).
- Use only on cold water service lines under 110ºF. Protect from freezing.
- The UFR is not recommended for pressures exceeding 175 PSI.

Meter Manufacturer	Model(s)	Measurement Element	Meter Type	→	UFR Type	UFR Marking	No Check UFR Marking
Neptune	T10	Nutating Disc	Volumetric Displacement Positive Displacement (PD)	→	Volumetric	UFR - V	UFR - V - NCV
Badger	25 - 35						
Hersey	400 Series - II's						
Sensus / Rockwell	SR - SRII	Oscillating Piston					
Elster / Kent Amco	C700						
Master Meter	MMPD						
Master Meter	BLMJ - MMMJ	Multi-Jet	Velocity	→	Multi-Jet	UFR - M2	UFR - M2 - NCV
Sensus	PMM						
Elster Amco	M140 (MO-C)						
Hays	MR - MT						
Precision	PM - PMM						
Sensus	iPERL	Magnetic	Solid State	→	N/A	N/A	N/A
Badger	E-Series	Ultrasonic					
Elster	SM-700	Fluidic Oscilation					
Actaris		Single Jet	Velocity		Contact Factory	Contact Factory	Contact Factory
	MC15 - MC20	Multi-Jet	Velocity		Contact Factory	Contact Factory	Contact Factory
	MSD - TNII	(not sold in US)	Velocity		Contact Factory	Contact Factory	Contact Factory

Meter shall comply with the AWWA C700-90 accuracy requirements as specified in section 3.8 of the standard.

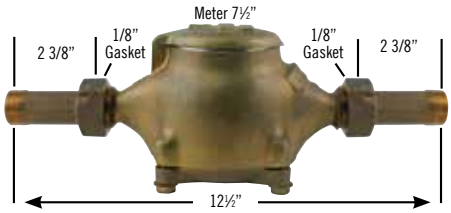
7201 5/8” Meter - Change-Out Kit

A.Y. McDonald Mfg. Series 7201 Style UFR Meter Coupling is an innovative design that allows low volumes of water usage (previously unmeasured by the water meter) to be measured simply by batching the usage. Studies show that 5% to 10% of total water consumption is lost due to low, unmeasured flows. This device is in service worldwide.

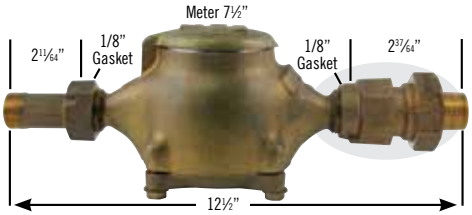
KIT FOR 5/8” METER CHANGE-OUT

- Kit consists of one special length 5/8” x 1/2” meter coupling for inlet side of meter, one 5/8” x 1/2” special length UFR device for outlet side of meter, and two meter gaskets.
- Male threads are protected with plastic thread protectors.

Before UFR Kit



After UFR Kit



7201-3JMKIT

Female Meter Swivel Nut without Support Lip x MNPT

Size	Carton PCS/WT	Price
311	25/32	$174.16
311 x 001	25/31	$185.48
312	25/31	$174.16
312 x 001	25/31	$185.48

7201C Straight Couplings

A.Y. McDonald Mfg. Series 7201C Style UFR Meter Coupling is an innovative design that allows low volumes of water usage (previously unmeasured by the water meter) to be measured simply by batching the usage. Studies show that 5% to 10% of total water consumption is lost due to low, unmeasured flows. This device is in service worldwide.



FOR 5/8", 5/8" X 3/4" & 3/4" WATER METERS

- Cast brass housing construction conforms to AWWA C-800 (latest revision)
- Self-cleaning internal Components
- Available with a wide variety of meter, threaded, or compression connections
- Available as a non-check valve where thermal expansion is an issue, add x001 to model number
- For use with Volumetric (Positive Displacement) & Multi-Jet meters
- UFR is directional

How to Order

Order Model 7201C3PE 331

7201	C	3	P	E		3	3	1	
Model Number Required	**C =** Cartridge Version	**Check Valve Size**	**Inlet & Outlet Connection**		**Space**	**Thread Size**	**Sizes - Outlet Connection**	**Meter Type**	**Backflow Prevention**

7201C = Inline UFR

3 = 3/4"

1 = 1/2"
2 = 5/8"
3 = 3/4"

X001 - Without Backflow Prevention

Inlet & Outlet Connection -
A = Male meter thread integral
E = FNPT Integral
H = Meter swivel integral with support lip
J = Meter swivel integral without support lip
K = K-Style male thread integral
L = K-Style female thread integral
P = MNPT Integral
R = Copper flare
S = "H" CTS integral
T = "T" CTS integral
U = "G" CTS integral
V = "Q" CTS integral
Y = Yoke style thread male integral
2 = "-22" CTS integral

METER SIZE	THREAD SIZED	THREAD DESIGNATION
5/8"	3/4"	3
5/8" x 3/4"	1"	4
3/4"	1"	4
1"	1 1/4"	5

For Iron Yokes use the following designation

METER SIZE	THREAD SIZE	THREAD DESIGNATION
5/8"	-	2
5/8" x 3/4"	-	3
3/4"	-	3
1"	-	4

1 - Volumetric Meter (V)
Positive Displacement

2 - Multi-Jet Meter (M2)
Contact factory with name of meter, manufacturer, and model number for assistance in determining appropriate UFR or see table on the following page.

7201C Straight Couplings

Meter Manufacturer	Model(s)	Measurement Element	Meter Type	→	UFR Type	UFR Marking	No Check UFR Marking
Neptune	T10	Nutating Disc	Volumetric Displacement Positive Displacement (PD)	→	Volumetric	White Tag	White Tag - NCV
Badger	25 - 35						
Hersey	400 Series - II's						
Sensus / Rockwell	SR - SRII	Oscillating Piston					
Elster / Kent Amco	C700						
Master Meter	MMPD						
Master Meter	BLMJ - MMMJ	Multi-Jet	Velocity	→	Multi-Jet	Blue Tag	Blue Tag - NCV
Sensus	PMM						
Elster Amco	M140 (MO-C)						
Hays	MR - MT						
Precision	PM - PMM						
Sensus	iPERL	Magnetic	Solid State	→	N/A	N/A	N/A
Badger	E-Series	Ultrasonic					
Elster	SM-700	Fluidic Oscilation					
Actaris		Single Jet	Velocity		Contact Factory	Contact Factory	Contact Factory
	MC15 - MC20	Multi-Jet	Velocity		Contact Factory	Contact Factory	Contact Factory
	MSD - TNII	(not sold in US)	Velocity		Contact Factory	Contact Factory	Contact Factory

Meter shall comply with the AWWA C700-90 accuracy requirements as specified in section 3.8 of the standard.

7201C322
-22 CTS x -22 CTS

Size	Carton PCS/WT	Price
331	10/10	$216.55
331 x 001	10/10	$227.76
332	10/10	$216.55
332 x 001	10/10	$227.76

7201C32E
-22 CTS x FNPT

Size	Carton PCS/WT	Price
331	10/10	$211.22
331 x 001	10/10	$222.55
332	10/10	$211.22
332 x 001	10/10	$222.55

7201C3E2
FNPT x -22 CTS

Size	Carton PCS/WT	Price
331	10/10	$211.22
331 x 001	10/10	$222.55
332	10/10	$211.22
332 x 001	10/10	$222.55

7201C3EE
FNPT x FNPT

Size	Carton PCS/WT	Price
331	10/10	$183.37
331 x 001	10/14	$194.71
332	10/11	$183.37
332 x 001	10/11	$194.71

7201C3EP
FNPT x MNPT

Size	Carton PCS/WT	Price
331	10/10	$180.28
331 x 001	10/10	$191.59
332	10/10	$180.28
332 x 001	10/10	$191.59

7201C3JA
Meter Swivel without
Support Lip x Male Meter Thread

Size	Carton PCS/WT	Price
441	10/10	$192.18
441 x 001	10/10	$203.48
442	10/10	$192.18
442 x 001	10/10	$203.48

7201C Straight Couplings

7201C3JE
Meter Swivel without Support Lip x FNPT

Size	Carton PCS/WT	Price
431	10/10	$185.68
431 x 001	10/10	$196.99
432	10/10	$185.68
432 x 001	10/10	$196.99

7201C3PP
MNPT x MNPT

Size	Carton PCS/WT	Price
331	10/9	$185.18
331 x 001	10/9	$196.49
332	10/9	$185.18
332 x 001	10/9	$196.49

7201C4JM
Meter Swivel with Support Lip x MNPT Union

Size	Carton PCS/WT	Price
541	10/22	$216.41
541 x 001	10/22	$224.07

7201C3PE
MNPT x FNPT

Size	Carton PCS/WT	Price
331	10/10	$180.28
331 x 001	10/10	$191.59
332	10/10	$180.28
332 x 001	10/10	$191.59

7201C3VV
Q CTS x Q CTS

Size	Carton PCS/WT	Price
331	10/10	$216.55
331 x 001	10/10	$227.86
332	10/10	$216.55
332 x 001	10/10	$227.86

7202 Angle Single Check & Non-Check Valve

A.Y. McDonald Mfg. 7202 Series UFR Angle Single Check Valve is an innovative design that allows low volumes of water usage (previously unmeasured by the water meter) to be measured simply by batching the usage. Studies show that 5% to 10% of total water consumption is lost due to low, unmeasured flows. This device is in service worldwide.



FOR 5/8", 5/8" X 3/4" & 3/4" WATER METERS

- Cast brass housing construction conforms to AWWA C-800 (latest revision)
- Self-cleaning cartridge assembly
- Available as a non-check valve where thermal expansion is an issue, add x001 to model number
- Meter swivel nut inlet with optional FNPT, CTS (G, Q, T, -22 series), and flare outlets
- For use with Volumetric (Positive Displacement) & Multi-jet meters
- Designed to be installed after the meter
- UFR is directional
- Equal to A.Y. McDonald 712 series dual check lay lengths for ease of retrofitting
- The UFR is not recommended for pressures exceeding 175 PSI.

How to Order

Order Model 7202-3HE 431

7202	-	3	H	E		4	3	1	
Model Number Required	**Standard**	**Check Valve Size**	**Inlet & Outlet Connection**		**Space**	**Thread Size**	**Sizes - Outlet Connection**	**Meter Type**	**Backflow Prevention**

7202 = Angle Single UFR

W = Test Port / Drain in Cap

3 = 3/4"

Inlet & Outlet Connection -
- **E** = FNPT Integral
- **H** = Meter swivel integral with support lip
- **J** = Meter swivel integral without support lip
- **K** = K-Style male thread integral
- **R** = Copper flare
- **S** = "H" CTS integral
- **T** = "T" CTS integral
- **U** = "G" CTS integral
- **V** = "Q" CTS integral
- **Y** = Yoke style thread male integral
- **2** = "-22" CTS integral

METER SIZE	THREAD SIZED	THREAD DESIGNATION
5/8"	3/4"	3
5/8" x 3/4"	1"	4
3/4"	1"	4

For Iron Yokes use the following designation

METER SIZE	THREAD SIZE	THREAD DESIGNATION
5/8"	-	2
5/8" x 3/4"	-	3
3/4"	-	3

3 = 3/4"

X001 - Without Backflow Prevention

1 - Volumetric Meter (V) Positive Displacement

2 - Multi-Jet Meter (M2) Contact factory with name of meter, manufacturer, and model number for assistance in determining appropriate UFR or see table on the following page.

7202 Angle Single Check & Non-Check Valve

Meter Manufacturer	Model(s)	Measurement Element	Meter Type	→	UFR Type	UFR Marking
Neptune	T10	Nutating Disc	Volumetric Displacement Positive Displacement (PD)	→	Volumetric	White Tag
Badger	25 - 35					
Hersey	400 Series - II's					
Sensus / Rockwell	SR - SRII	Oscillating Piston				
Elster / Kent Amco	C700					
Master Meter	MMPD					
Master Meter	BLMJ - MMMJ	Multi-Jet	Velocity	→	Multi-Jet	Blue Tag
Sensus	PMM					
Elster Amco	M140 (MO-C)					
Hays	MR - MT					
Precision	PM - PMM					
Sensus	iPERL	Magnetic	Solid State		N/A	N/A
Badger	E-Series	Ultrasonic				
Elster	SM-700	Fluidic Oscilation				
Actaris		Single Jet	Velocity	→	Contact Factory	Contact Factory
	MC15 - MC20	Multi-Jet (not sold in US)	Velocity		Contact Factory	Contact Factory
	MSD - TNII		Velocity		Contact Factory	Contact Factory

Meter shall comply with the AWWA C700-90 accuracy requirements as specified in section 3.8 of the standard.

7202-3HE

Meter Swivel Nut with Support Lip x FNPT

Size	Carton PCS/WT	Price
331	12/19	$191.55
331 x 001	12/19	$202.87
332	12/19	$191.55
332 x 001	12/19	$202.87
431	12/19	$191.55
431 x 001	12/20	$202.87
432	12/19	$191.55
432 x 001	12/20	$202.87

7202-3JE

Meter Swivel without Support Lip x FNPT

Size	Carton PCS/WT	Price
331	12/20	$191.55
331 x 001	12/20	$202.87
332	12/20	$191.55
332 x 001	12/20	$202.87
431	12/20	$191.55
431 x 001	12/20	$202.87
432	12/20	$191.55
432 x 001	12/20	$202.87

7202-3JT

Meter Swivel Nut without Support Lip x T CTS

Size	Carton PCS/WT	Price
431	12/24	$207.99

7211 Inline Dual Check

A.Y. McDonald Mfg. 7211 Series UFR Style Inline Dual Check Valve is an innovative design that allows low volumes of water usage (previously unmeasured by the water meter) to be measured simply by batching the usage. Studies show that 5% to 10% of total water consumption is lost due to low, unmeasured flows.



FOR 5/8", 5/8" X 3/4" & 3/4" WATER METERS

- Cast brass housing construction conforms to AWWA C-800 (latest revision)
- Self-cleaning cartridge assembly
- Available with a wide variety of meter, threaded, or compression connections
- Check Valve is equal to the McDonald 711 Series lay lengths for ease in retrofitting
- For use with Volumetric (Positive Displacement) & Multi-jet meters
- Designed to be installed after the meter
- UFR is directional
- The UFR is not recommended for pressures exceeding 175 PSI.

How to Order

Order Model 7211-3JM 431

7211	-	3	J	M		4	3	1
Model Number Required	Standard	Check Valve Size	Inlet & Outlet Connection		Space	Thread Size	Sizes - Outlet Connection	Meter Type

7211 = Inline Dual Check with UFR

3 = 3/4"

Inlet & Outlet Connection -
A = Male meter thread integral
B = Male meter thread union
C = "-22" CTS union
D = "G" CTS union
E = FNPT integral
F = FNPT union
G = "T" CTS union
H = Meter swivel integral with support lip
J = Meter swivel integral
K = K-Style male thread integral
L = K-Style female thread integral
M = MNPT union
N = Meter female thread union
O = "H" CTS union
P = MNPT integral
Q = K Style male thread union
R = "Q" CTS union
S = "H" CTS integral
T = "T" CTS integral
U = "G" CTS integral
V = "Q" CTS integral
W= Yoke box cradle
Y = Yoke style thread male integral
2 = "-22" CTS integral
Z = K style female thread integral

METER SIZE	THREAD SIZED	THREAD DESIGNATION
5/8"	3/4"	3
5/8" x 3/4"	1"	4
3/4"	1"	4

For Iron Yokes use the following designation

METER SIZE	THREAD SIZE	THREAD DESIGNATION
5/8"	-	2
5/8" x 3/4"	-	3
3/4"	-	3

1 = 1/2" **3** = 3/4"
2 = 5/8" **4** = 1"

1 - Volumetric Meter (V) Positive Displacement

2 - Multi-Jet Meter (M2) Contact factory with name of meter, manufacturer, and model number for assistance in determining appropriate UFR or see table on the following page.

7211 Inline Dual Check

Meter Manufacturer	Model(s)	Measurement Element	Meter Type	→	UFR Type	UFR Marking
Neptune	T10	Nutating Disc	Volumetric Displacement Positive Displacement (PD)	→	Volumetric	White Tag
Badger	25 - 35					
Hersey	400 Series - II's					
Sensus / Rockwell	SR - SRII	Oscillating Piston				
Elster / Kent Amco	C700					
Master Meter	MMPD					
Master Meter	BLMJ - MMMJ	Multi-Jet	Velocity	→	Multi-Jet	Blue Tag
Sensus	PMM					
Elster Amco	M140 (MO-C)					
Hays	MR - MT					
Precision	PM - PMM					
Sensus	iPERL	Magnetic	Solid State	→	N/A	N/A
Badger	E-Series	Ultrasonic				
Elster	SM-700	Fluidic Oscilation				
Actaris		Single Jet	Velocity		Contact Factory	Contact Factory
	MC15 - MC20	Multi-Jet (not sold in US)	Velocity		Contact Factory	Contact Factory
	MSD - TNII		Velocity		Contact Factory	Contact Factory

Meter shall comply with the AWWA C700-90 accuracy requirements as specified in section 3.8 of the standard.

7211-3FE
FNPT x FNPT

Size	Carton PCS/WT	Price
112*	1/2	$235.51
331	1/2	$235.51
332	1/2	$235.51

*With Bushings

7211-3HB
Integral Meter Swivel with Meter Support Lip x Male Meter Thread Union

Size	Carton PCS/WT	Price
441	1/3	$246.06
442	1/3	$246.06

7211-3JB
Integral Meter Swivel without Meter Support Lip x Male Meter Thread Union

Size	Carton PCS/WT	Price
441	1/2	$246.06

7211-3FP
FNPT Union x MNPT Integral

Size	Carton PCS/WT	Price
331	1/2	$235.51

7211-3JC
Integral Meter Swivel without Support Lip x -22 CTS Union

Size	Carton PCS/WT	Price
331	1/3	$264.54
332	1/3	$264.54
431	1/3	$264.54
432	1/3	$264.54

7211-3JF
Integral Meter Swivel without Support Lip x FNPT Union

Size	Carton PCS/WT	Price
312	1/2	$246.06
331	1/2	$246.06
332	1/2	$246.06
431	1/2	$246.06
432	1/2	$246.06

7211-3JG
Integral Meter Swivel without Support Lip x T CTS Union

Size	Carton PCS/WT	Price
331	1/3	$264.54
332	1/3	$264.54
431	1/3	$264.54
432	1/3	$264.54

7211-3JM
Integral Meter Swivel without Support Lip x MNPT Union

Size	Carton PCS/WT	Price
331	1/2	$246.06
332	1/3	$246.06
431	1/2	$246.06
432	1/3	$246.06

7211-3JQ
Integral Meter Swivel without Support Lip x Male K-Thread Union

Size	Carton PCS/WT	Price
331	1/3	$249.44
332	1/3	$249.44
431	1/2	$249.97
432	1/3	$249.97

7211 Inline Dual Check

7211-3ME
MNPT Union x FNPT Integral

Size	Carton PCS/WT	Price
332	1/2	$235.51

7211-3NA
Female Meter Thread Union x
Male Meter Thread Integral

Size	Carton PCS/WT	Price
331	1/2	$235.51
332	1/2	$235.51
431	1/2	$235.51
432	1/2	$235.51
441	1/2	$235.51
442	1/2	$235.51

7211-3MP
MNPT Union x MNPT Integral

Size	Carton PCS/WT	Price
331	1/2	$230.99
332	1/2	$230.99

7211-3NP
Female Meter Thread Union x
MNPT Integral

Size	Carton PCS/WT	Price
431	1/2	$235.51
441	1/2	$235.51
442	1/2	$235.51

7212 Angle Dual Check

A.Y. McDonald Mfg. 7212 Series UFR Style Angle Dual Check Valve is an innovative design that allows low volumes of water usage (previously unmeasured by the water meter) to be measured simply by batching the usage. Studies show that 5% to 10% of total water consumption is lost due to low, unmeasured flows. This device is in service worldwide.



FOR 5/8", 5/8" X 3/4" & 3/4" WATER METERS

- Cast brass housing construction conforms to AWWA C-800 (latest revision)
- Self-cleaning cartridge assembly
- Check valve is equal to the McDonald 7112 Series lay lengths for ease in retrofitting
- Meter swivel nut inlet with optional FNPT, CTS (G, Q, T, -22 series), and flare outlets
- Can be incorporated in to any settings that currently accept our 7112 series angle dual check valve configuration
- For use with Volumetric (Positive Displacement) & Multi-Jet meters
- Designed to be installed after the meter
- UFR is directional
- The UFR is not recommended for pressures exceeding 175 PSI.

How to Order

Order Model 7212-3HE 431

7212	-	3	H	E		4	3	1
Model Number Required	**Standard**	**Check Valve Size**	**Inlet & Outlet Connection**		**Space**	**Thread Size**	**Sizes - Outlet Connection**	**Meter Type**

7212 = Angle Dual Check with UFR

W = Test Port / Drain in Cap

3 = 3/4"

Inlet & Outlet Connection -
E = FNPT integral
H = Meter swivel integral with saddle nut
J = Meter swivel integral
Q = "Q" CTS integral
R = Copper flare integral
S = "H" CTS integral
T = "T" CTS integral
U = "G" CTS integral
Y = Iron yoke male thread integral
2 = "-22" CTS integral

METER SIZE	THREAD SIZED	THREAD DESIGNATION
5/8"	3/4"	3
5/8" x 3/4"	1"	4
3/4"	1"	4
1"	1 1/4"	5

For Iron Yokes use the following designation

METER SIZE	THREAD SIZE	THREAD DESIGNATION
5/8"	-	2
5/8" x 3/4"	-	3
3/4"	-	3
1"	-	4

3 = 3/4"

1 - Volumetric Meter (V) Positive Displacement

2 - Multi-Jet Meter (M2) Contact factory with name of meter, manufacturer, and model number for assistance in determining appropriate UFR or see table on the following page.

7212 Angle Dual Check

Meter Manufacturer	Model(s)	Measurement Element	Meter Type	→	UFR Type	UFR Marking
Neptune	T10	Nutating Disc	Volumetric Displacement Positive Displacement (PD)	→	Volumetric	Model # on tag
Badger	25 - 35					
Hersey	400 Series - II's					
Sensus / Rockwell	SR - SRII	Oscillating Piston				
Elster / Kent Amco	C700					
Master Meter	MMPD					
Master Meter	BLMJ - MMMJ	Multi-Jet	Velocity	→	Multi-Jet	Model # on tag
Sensus	PMM					
Elster Amco	M140 (MO-C)					
Hays	MR - MT					
Precision	PM - PMM					
Sensus	iPERL	Magnetic	Solid State		N/A	N/A
Badger	E-Series	Ultrasonic				
Elster	SM-700	Fluidic Oscilation				
Actaris		Single Jet	Velocity	→	Contact Factory	Contact Factory
	MC15 - MC20	Multi-Jet	Velocity		Contact Factory	Contact Factory
	MSD - TNII	(not sold in US)	Velocity		Contact Factory	Contact Factory

Meter shall comply with the AWWA C700-90 accuracy requirements as specified in section 3.8 of the standard.

7212-3HE

Meter Swivel Nut with Support Lip x FNPT

Size	Carton PCS/WT	Price
331	6/15	$253.73
332	6/15	$253.73
431	6/12	$253.73
432	6/11	$253.73

7212-3JE

Meter Swivel Nut without Support Lip x FNPT

Size	Carton PCS/WT	Price
331	6/15	$253.73
332	6/15	$253.73
431	6/14	$253.73
432	6/11	$253.73

7214 Inline Accessible Dual Check

A.Y. McDonald Mfg. 7214 Series UFR Style Inline Accessible Dual Check Valve is an innovative design that allows low volumes of water usage (previously unmeasured by the water meter) to be measured simply by batching the usage. Studies show that 5% to 10% of total water consumption is lost due to low, unmeasured flows. This device is in service worldwide.



FOR 5/8", 5/8" X 3/4" & 3/4" WATER METERS

- Cast brass housing construction conforms to AWWA C-800 (latest revision)
- Self-cleaning cartridge assembly
- Check valve is equal to the McDonald 7111 Series lay lengths for ease in retrofitting
- Meter swivel nut inlet with optional FNPT, CTS (G, Q, T, -22 series), & Flare outlets
- Available with a wide variety of meter, threaded or compression connections
- Offers access to the individual cartridge checks without disturbing the piping system on which it is installed
- Top cap on check valve is sealed with an EPDM O-ring and allows easy access to check cartridges
- For use with Volumetric (Positive Displacement) & Multi-Jet meters
- Designed to be installed after the meter
- UFR is directional
- The UFR is not recommended for pressures exceeding 175 PSI.

How to Order

Order Model 7214-3JE 431

7214	-	3	J	E		4	3	1
Model Number Required	**Standard** **W** = Test Port / Drain in Cap	**Check Valve Size** **3** = 3/4"	**Inlet & Outlet Connection**		**Space**	**Thread Size**	**Sizes - Outlet Connection** **2** = 5/8" **3** = 3/4"	**Meter Type**

7214 = Inline Accessible Dual Check with UFR

Inlet & Outlet Connection -
- **E** = FNPT Integral
- **G** = "G" CTS integral
- **H** = Meter swivel integral with saddle nut
- **J** = Meter swivel integral
- **K** = K Style male thread integral
- **P** = MNPT integral
- **Q** = "Q" CTS integral
- **T** = "T" CTS integral
- **Y** = Iron yoke male thread integral
- **2** = "-22" CTS integral

METER SIZE	THREAD SIZED	THREAD DESIGNATION
5/8"	3/4"	3
5/8" x 3/4"	1"	4
3/4"	1"	4

For Iron Yokes use the following designation

METER SIZE	THREAD SIZE	THREAD DESIGNATION
5/8"	-	2
5/8" x 3/4"	-	3
3/4"	-	3

1 - Volumetric Meter (V) Positive Displacement

2 - Multi-Jet Meter (M2) Contact factory with name of meter, manufacturer, and model number for assistance in determining appropriate UFR or see table on the following page.

7214 Inline Accessible Dual Check

Meter Manufacturer	Model(s)	Measurement Element	Meter Type	→	UFR Type	UFR Marking
Neptune	T10	Nutating Disc	Volumetric Displacement Positive Displacement (PD)	→	Volumetric	White Tag
Badger	25 - 35					
Hersey	400 Series - II's					
Sensus / Rockwell	SR - SRII	Oscillating Piston				
Elster / Kent Amco	C700					
Master Meter	MMPD					
Master Meter	BLMJ - MMMJ	Multi-Jet	Velocity	→	Multi-Jet	Blue Tag
Sensus	PMM					
Elster Amco	M140 (MO-C)					
Hays	MR - MT					
Precision	PM - PMM					
Sensus	iPERL	Magnetic	Solid State		N/A	N/A
Badger	E-Series	Ultrasonic				
Elster	SM-700	Fluidic Oscilation				
Actaris		Single Jet	Velocity	→	Contact Factory	Contact Factory
	MC15 - MC20	Multi-Jet	Velocity		Contact Factory	Contact Factory
	MSD - TNII	(not sold in US)	Velocity		Contact Factory	Contact Factory

Meter shall comply with the AWWA C700-90 accuracy requirements as specified in section 3.8 of the standard.

7214-3JE

Integral Meter Swivel Nut without Support Lip x FNPT

Size	Carton PCS/WT	Price
331	12/31	$259.96
332	12/31	$259.96
431	12/28	$259.96
432	12/28	$259.96

7214-3JP

Integral Meter Swivel Nut without Support Lip x MNPT

Size	Carton PCS/WT	Price
331	12/30	$259.96
332	12/30	$259.96
431	12/28	$259.96
432	12/24	$259.96

7214-3JQ

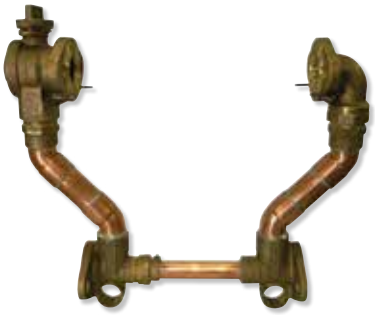
Integral Meter Swivel Nut without Support Lip x Q CTS Compression

Size	Carton PCS/WT	Price
431	12/24	$275.79
432	12/24	$275.79











THE CUSTOMER IS THE BOSS

EST. 1856 McDonald

Copper Meter Resetters

Water Works Catalog / Price List - April 2019

MORE THAN A BRAND. WE'RE A FAMILY.

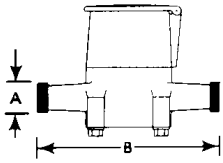
710 Series

The A.Y. McDonald Meter Resetter is a unique and patented product designed to easily retrofit existing meter installations to include a dual check backflow preventer, or pressure relief valve. This is accomplished without the high risk of cutting into old service lines, or the expensive process of digging up and replacing existing meter boxes or pits. This retrofitting can be easily performed in even the most confined meter boxes.



Before

NOTE: Meter box sold separately



Meter Dimensions

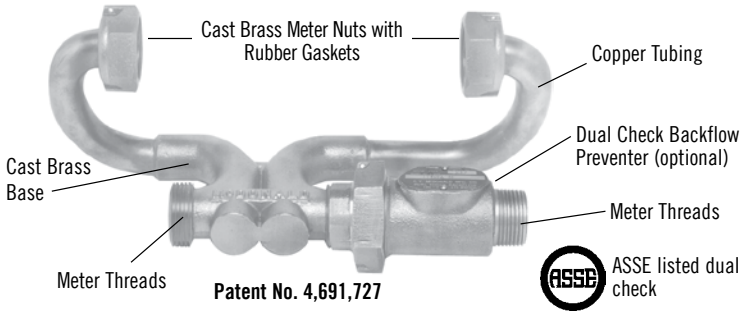
METER SIZE	5/8"	5/8" x 3/4"	3/4"
A-Meter Threads	3/4"	1"	1"
B-Lay Length	7½"	7½"	9"
A.Y. McDonald Spacing*	7 13/16"	7 13/16"	9 5/16"



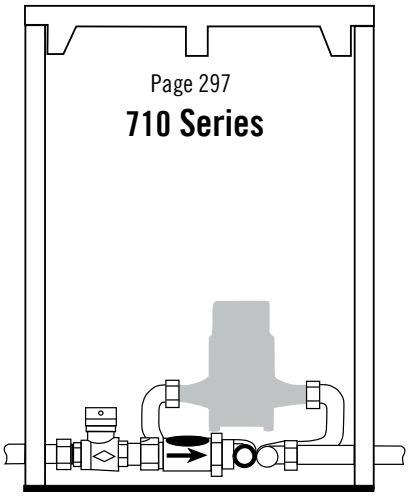
After

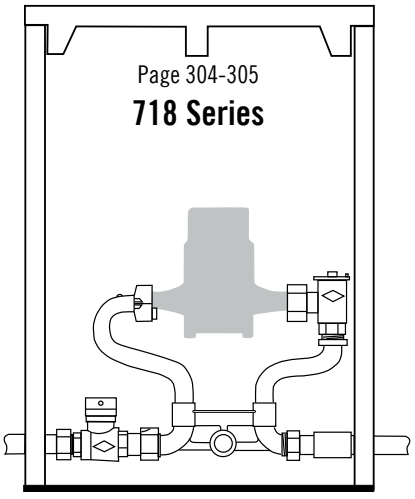
NOTE: Meter box sold separately

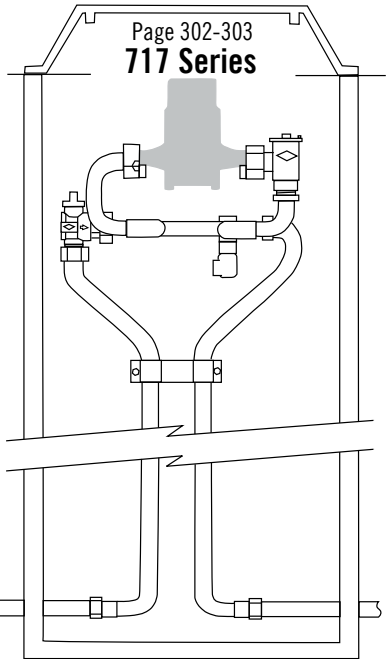
Available for 5/8", 5/8" x 3/4", or 3/4" meters

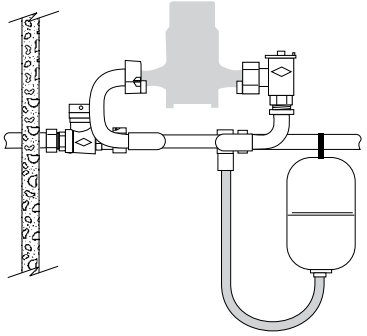


Patent No. 4,691,727









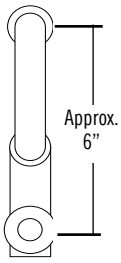
717-204XDCA

Series 717 with Backflow Preventer and Thermal Expansion Tank (Tank and hose must be purchased separately).

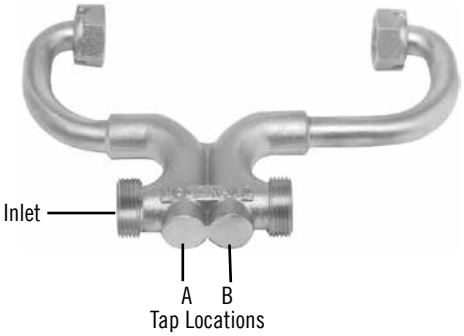
717-204XDCC

Series 717 used to retrofit existing high rise meter pit and standard meter resetter with backflow preventer and pressure relief valve.

710 Series



Side View

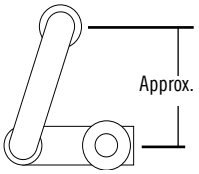


Tap Locations

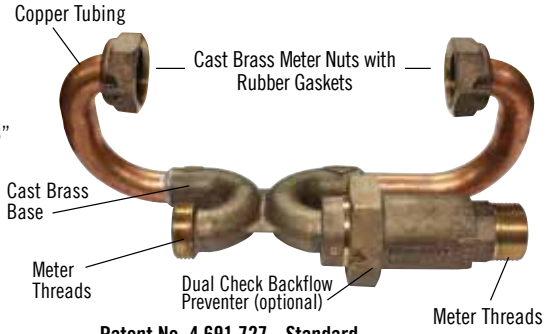
Model 710-106NN-- X72

Standard - Left Offset No Taps

Available for 5/8", 5/8" x 3/4", or 3/4" meters



Side View
72° Offset
Standard



Patent No. 4,691,727 - Standard

Model 710-103NNH- X72

710	-	1	03	N	N	-	-		X72
Series 710	**Dash = Standard**	**Meter Size** **1** = 5/8" **2** = 5/8"x3/4" **3** = 3/4"	**Height** 3” 6”	**Inlet** **N** = No valve (meter nut only without saddle) **Q** = Lockwing ball valve (without saddle)	**Outlet**	**Bottom Bar Options** – = No option **C** = Dual check on inlet **H** = Dual check on outlet **J** = Adapter idler (sized to fit meter)	**1/2” Bottom Bar Tap** – = No tap **A** = Tap inlet, no plug **B** = Tap outlet, no plug **L** = Tap inlet, 125# PRV **D** = Tap outlet, 125# PRV **E** = Tap inlet, 175# PRV **F** = Tap outlet, 175# PRV **G** = Tap inlet, with plug **H** = Tap outlet, with plug **S** = Sampling Station (Inlet is city side, outlet is house side)	**Space**	**Tube Offset**

*For angle ball valves integral to resetter, contact factory.
- Resetters with cross-size meter sets are available, contact factory.

Ordering Options Separately



Dual Check Backflow Preventer (Inlet side)
Inlet: Male meter thread
Outlet: Female meter thread (union)
711-3AN 33 **For 5/8" meter** ..... $ 105.32
711-3AN 44 **For 5/8"x3/4" and 3/4" meter** ..... $ 105.32



Dual Check Backflow Preventer (Outlet side)
Inlet: Female meter thread (union)
Outlet: Male meter thread
711-3NA 33 **For 5/8" meter** ..... $ 105.32
711-3NA 44 **For 5/8"x3/4" and 3/4" meter** ..... $ 105.32



Pressure Relief Valve
1/2” MNPT thread
710P125 125 lb. rated ..... $ 44.44
710P175 175 lb. rated ..... $ 52.94



Plug
73208 1/2” ..... $ 12.83



710J11
5/8" Meter Adapter Idler ..... $ 57.89
3 3/4" long with gasket, adapts basic 710 Series unit (less backflow preventer) to 7 1/2" laying length 5/8" meter

710J22
5/8"x3/4" Meter Adapter Idler ..... $ 61.05



3 3/4" long with gasket, adapts basic 710 Series unit (less backflow preventer) to 7 1/2" laying length 5/8 X 3/4 meter

Both Required for 710-3

710J23
Meter Adapter Idler ..... $ 18.50



1 1/2" long with gasket. Use with 710 Series unit and backflow preventer to increase laying length 3/4" meter

5/8” Meter
3” Height
72º Offset

SIZE	PRICE	CARTON PCS / WT
710-103NN-- X72 MSR STYLE RESETTER	$ 132.73 **	8/ 16
710-103NN-L X72 MSR STYLE RESETTER	$ 201.07 **	8/ 16
710-103NNC- X72 MSR STYLE RESETTER	$ 253.69 **	8/ 32
710-103NNH- X72 MSR STYLE RESETTER	$ 238.04 **	8/ 31
710-103NNJ- X72 MSR STYLE RESETTER	$ 193.70	8/ 28
710-103NNCD X72 MSR STYLE RESETTER	$ 322.04	8/ 18
710-103NNHA X72 MSR STYLE RESETTER	$ 256.24 **	8/ 36
710-103NNHL X72 MSR STYLE RESETTER	$ 322.04	8/ 32
710-103NNJA X72 MSR STYLE RESETTER	$ 198.06 **	8/ 28
710-103NNJL X72 MSR STYLE RESETTER	$ 262.01	8/ 28
710-103QNH- X72 MSR STYLE RESETTER	$ 458.30 **	8/ 56

5/8” Meter
6” Height

SIZE	PRICE	CARTON PCS / WT
710-106NN-- MSR STYLE RESETTER	$ 132.73 **	5/ 17
710-106NN-L MSR STYLE RESETTER	$ 201.07	5/ 16
710-106NNC- MSR STYLE RESETTER	$ 253.69	5/ 13
710-106NNH- MSR STYLE RESETTER	$ 238.04 **	5/ 11
710-106NNJ- MSR STYLE RESETTER	$ 193.70	5/ 12
710-106NNCD MSR STYLE RESETTER	$ 322.04	5/ 13
710-106NNHL MSR STYLE RESETTER	$ 322.04	5/ 13
710-106NNJL MSR STYLE RESETTER	$ 262.01	5/ 11

5/8” x 3/4” Meter
3” Height
72º Offset

SIZE	PRICE	CARTON PCS / WT
710-203NN-- X72 MSR STYLE RESETTER	$ 132.73 **	8/ 19
710-203NN-A X72 MSR STYLE RESETTER	$ 137.02 **	8/ 25
710-203NN-A X90 MSR STYLE RESETTER	$ 137.02	8/ 25

5/8” x 3/4” Meter
3” Height
72º Offset

SIZE	PRICE	CARTON PCS / WT
710-203NN-B X72 MSR STYLE RESETTER	$ 137.02	8/ 24
710-203NN-L X72 MSR STYLE RESETTER	$ 201.07	8/ 24
710-203NNC- X72 MSR STYLE RESETTER	$ 253.69 **	8/ 38
710-203NNCB X72 MSR STYLE RESETTER	$ 257.92	8/ 38
710-203NNCD X72 MSR STYLE RESETTER	$ 322.04	8/ 38
710-203NNH- X72 MSR STYLE RESETTER	$ 238.04	8/ 31
710-203NNHA X72 MSR STYLE RESETTER	$ 257.92 **	8/ 32
710-203NNHB X72 MSR STYLE RESETTER	$ 257.92	8/ 36
710-203NNHL X72 MSR STYLE RESETTER	$ 322.04	8/ 36
710-203NNJ- X72 MSR STYLE RESETTER	$ 193.70 **	8/ 31
710-203NNJA X72 MSR STYLE RESETTER	$ 198.06 **	8/ 28
710-203NNJL X72 MSR STYLE RESETTER	$ 262.01	8/ 32
710-203NQCD X72 MSR STYLE RESETTER	$ 396.42	8/ 48
710-203QNH- X72 MSR STYLE RESETTER	$ 305.60 **	5/ 30
710-203QNHA X72 MSR STYLE RESETTER	$ 330.55	5/ 30
710-203QN-G X72 MSR STYLE RESETTER	$ 232.45	5/ 30

5/8” x 3/4” Meter
6” Height

SIZE	PRICE	CARTON PCS / WT
710-206NN-- MSR STYLE RESETTER	$ 132.73 **	5/ 10
710-206NNC- MSR STYLE RESETTER	$ 253.69	5/ 10

5/8” x 3/4” Meter
6” Height

SIZE		PRICE	CARTON PCS / WT
710-206NNCB	MSR STYLE RESETTER	$ 259.01	5/ 10
710-206NNCD	MSR STYLE RESETTER	$ 322.04	5/ 10
710-206NNH-	MSR STYLE RESETTER	$ 253.69 **	5/ 22
710-206NNHL	MSR STYLE RESETTER	$ 322.04	5/ 33
710-206NNJ-	MSR STYLE RESETTER	$ 193.70	5/ 20
710-206NNJL	MSR STYLE RESETTER	$ 262.01	5/ 20
710-206NQC-	MSR STYLE RESETTER	$ 331.42	5/ 30
710-206NQCD	MSR STYLE RESETTER	$ 396.42	5/ 30
710-206QNH-	MSR STYLE RESETTER	$ 331.42	5/ 30

3/4” Meter
3” Height
72º Offset

SIZE		PRICE	CARTON PCS / WT
710-303NN-- X72	MSR STYLE RESETTER	$ 149.86	5/ 20
710-303NN-L X72	MSR STYLE RESETTER	$ 218.24	5/ 20
710-303NNC- X72	MSR STYLE RESETTER	$ 270.80 **	5/ 25
710-303NNCD X72	MSR STYLE RESETTER	$ 339.16	5/ 25
710-303NNH- X72	MSR STYLE RESETTER	$ 270.80 **	8/ 40
710-303NNHA X72	MSR STYLE RESETTER	$ 292.73 **	8/ 38
710-303NNHL X72	MSR STYLE RESETTER	$ 339.16	8 40
710-303NNJ- X72	MSR STYLE RESETTER	$ 210.92	8/ 32
710-303NNJA X72	MSR STYLE RESETTER	$ 222.04	8/ 28
710-303NNJL X72	MSR STYLE RESETTER	$ 279.10	8/ 32

3/4” Meter
6” Height

SIZE		PRICE	CARTON PCS / WT
710-306NN--	MSR STYLE RESETTER	$ 149.86	8/ 24
710-306NN-L	MSR STYLE RESETTER	$ 218.24	8/ 24
710-306NNC-	MSR STYLE RESETTER	$ 270.80	8/ 32

3/4” Meter
6” Height

SIZE		PRICE	CARTON PCS / WT
710-306NNCD	MSR STYLE RESETTER	$ 339.16	5/ .0
710-306NNH-	MSR STYLE RESETTER	$ 170.80 **	5/ 25
710-306NNHL	MSR STYLE RESETTER	$ 339.16	5/ .0
710-306NNJ-	MSR STYLE RESETTER	$ 210.92	5/ .0
710-306NNJL	MSR STYLE RESETTER	$ 279.10	5/ .0
710-306QN--	MSR STYLE RESETTER	$ 224.32	5/ 20

Sampling Station

A.Y. McDonald offers a variety of water Sampling Stations to include meter resetting devices for 5/8", 5/8" x 3/4", 3/4" and 1" meter sets along with a Dead End Line option. The basic sampling station meter re-setter is compact enough to fit in most meter boxes and allows a sampling station to be added wherever you have access to a meter set. These meter resetters provide a sampling point on public right-of-way; options for additional shut off valves, and/or dual check valves for backflow protection. Its below grade design provides protection from freezing, vandals and traffic. Simple to install, no digging or plumbing is required.

The sampling portion of these re-setters is protected from contaminates by a PVC cap and o-ring seal. Once the cap is removed, it allows you access to a quick connect valve for taking water samples with our sampling rod faucet. The sampling rod faucet is made of stainless steel and no-lead brass and includes a no-lead shut off valve. It also includes a pressure gauge for determining line pressure at the point of sample, up to 160 PSIG. The quick disconnect is protected from contaminants via o-ring seal and PVC cap. A water sample is drawn by connecting the male quick connect on the sampling rod to the female quick connect on the sampling re-setter.



710-103/203

5/8" or 5/8" x 3/4" Meter Resetter, 3" Height with In-Line Dual Cartridge Check Valve and tube set at 72º angle with Quick Connect Valve and ABS Plastic Dirt Cap



Model	Size	Carton PCS/WT	Price
710-103NNHS X72	5/8"	1/6	$828.60
710-203NNHS X72	5/8" x 3/4"	1/5	$794.46



710-303

3/4" Meter Resetter, 3" Height with In-Line Dual Cartridge Check Valve and tube set at 72º angle with Quick Connect Valve and ABS Plastic Dirt Cap

Model	Size	Carton PCS/WT	Price
710-303NNHS X72	3/4"	1/6	$916.35

717-406XXAS X60

1" Meter Resetter, 6" Height with tube set at 60° angle with Quick Connect Valve and ABS Plastic Dirt Cap

Model	Size	Carton PCS/WT	Price
717-406XXAS X60	1"	1/9	$1,069.14

717-406XDAS X60

1" Meter Resetter, 6" Height with Angle Dual Cartridge Check Valve and tube set at 60° angle with Quick Connect Valve and ABS Plastic Dirt Cap

Model	Size	Carton PCS/WT	Price
717-406XDAS X60	1"	1/9	$1,463.93



717-406WDAS X60

1" Meter Resetter, 6" Height with Angle Ball Valve, Dual Cartridge Check Valve and tube set at 60° angle with Quick Connect Valve and ABS Plastic Dirt Cap

Model	Size	Carton PCS/WT	Price
717-406WDAS X60	1"	1/12	$1,599.49

710SSFAUCET 3/4"

Sampling Faucet Assembly with Stainless Steel and No-Lead Components, Male Quick Connect, Shut Off Valve, Pressure Gauge (0-160 PISG) and PVC Quick Connect Deactivator.

Model	Carton PCS/WT	Price
710SSFAUCET 3/4"	1/2	$450.76

710SSFAUCET 3/4" x780

Sampling Faucet Assembly with Stainless Steel and No-Lead Components, Female Quick Connect Thread Type, Shut Off Valve, Pressure Gauge (0-160 PISG)

Model	Carton PCS/WT	Price
710SSFAUCET 3/4" x780		$450.76



Sampling Station



710SSDEA
Dead End Unit to include 3/4" FNPT Union x Quick Connect Dual Check Valve, PVC Mounting Stake and ABS Plastic Dirt Cap with O-Ring

Model	Carton PCS/WT	Price
710SSDEA	1/4	$614.91



710SSCAP
ABS Plastic Dirt Cap

Model	Carton PCS/WT	Price
710SSCAP	2/1	$46.70

710SSOR
Dirt Cap O-ring

Model	Carton PCS/WT	Price
710SSOR	10/.1	$7.26

710SSGAGE
Sampling Faucet Pressure Gauge (0-160 PSIG)

Model	Carton PCS/WT	Price
710SSGAGE	10/2	$42.89

710SSQC
Brass Elbow and Quick Connect Valve Assembly

Model	Carton PCS/WT	Price
710SSQC	1/1	$286.83

710SSQCM
Sampling Faucet Male Quick Disconnect

Model	Carton PCS/WT	Price
710SSQCM	10/3	$55.28

710SSDESM
PVC Mounting Stake

Model	Carton PCS/WT	Price
710SSDESM	1/1	$46.08



710-203NNHS x72
Meter Resetter Sampling Station with Quick Connection

Model	Carton PCS/WT	Price
710-203NNHS x72		$794.46



710-203NNHS x72x780
Meter Resetter Sampling Station with Stainless Steel Quick Connection

Model	Carton PCS/WT	Price
710-203NNHS x72 x780		$794.46



74754-SMP 3/4"
Adapter FNPT x Quick Connect

Model	Carton PCS/WT	Price
74754-SMP 3/4"		$509.60



74754-SMP 3/4" x 780
Adapter FNPT x Stainless Steel Thread Connect

Model	Carton PCS/WT	Price
74754-SMP 3/4" x 780		$509.60

710SSCASE
Sampling Faucet PVC Case

Model	Carton PCS/WT	Price
710SSCASE	1/9	$200.15



76101W-SMP 3/4"
Ball Curb FNPT x Quick Connect

Model	Carton PCS/WT	Price
76101WSMP 3/4"		$605.27



76101W-SMP 3/4" x 780
Ball Curb FNPT x Stainless Steel Thread Connect

Model	Carton PCS/WT	Price
76101WSMP 3/4" x 780		$605.27

717 Series

Low Rise Style Resetter

90º tubing to bottom bar is standard, contact factory for other options.

The A.Y. McDonald 717 Series low rise resetter allows you to reset a meter incorporating an inlet or outlet shut off valve or check valve. It also offers several options for taps to incorporate pressure relief valves or sampling valves before or after the meter. Ninety degree tubing to bottom bar is standard, other options are available (contact factory for information).



Model 717-204WD - -

717	-	2	04	W	D	-	-	
Series	Style	Meter Size	Meter Height	Inlet	Outlet	Bottom Bar Tap Location	FNPT Bottom Bar Tap	Optional Offset

Series
717

Style
– = Standard
X = Offset Left

For crossed sized meter sets
A = 5/8" (Standard)
B = 5/8" x 3/4" (Standard)
C = 3/4" (Standard)
U = 5/8" (Offset Left)
V = 5/8" x 3/4" (Offset Left)
W = 3/4" (Offset Left)

Meter Size
1 = 5/8"
2 = 5/8"x 3/4"
3 = 3/4"
4 = 1"

Meter Height
4" (5/8", 5/8" x 3/4", 3/4" meters)
6" (1" meters)
Additional heights available, contact factory

Inlet
C = Full Port Angle Single Check Valve
D = 3/4" Port Angle Dual Check Valve (ASSE 1024)
L = Angle lockwing Plug valve
J = Full Port Angle Lockwing Ball Valve
M = 1" Port Angle Dual Check Valve (ASSE 1024) 1" Meter Only
W = Standard Port Angle Lockwing Ball Valve
X = Flanged Tubing with Meter Nut
For other special meter connections, contact factory.

Outlet
– = No tap
A = 1/2" FNPT - no plug
B = 1/2" FNPT - with brass square head plug
C = 1/2" FNPT - 125# PRV
D = 3/4" FNPT - no plug (only 1" resetter)
E = 3/4" FNPT - with brass square head plug (only 1" resetter)

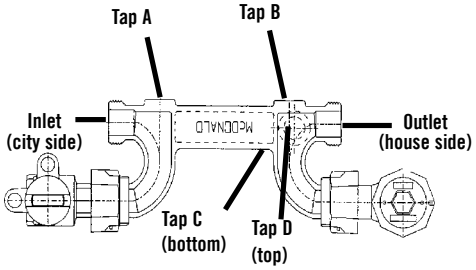
Bottom Bar Tap Location
– = No Tap
A = Inlet
B = Outlet
C = Outlet
D = Outlet
See chart below for tap position

FNPT Bottom Bar Tap

Optional Offset
X45 = 45º
X60 = 60º
X180 = 180º

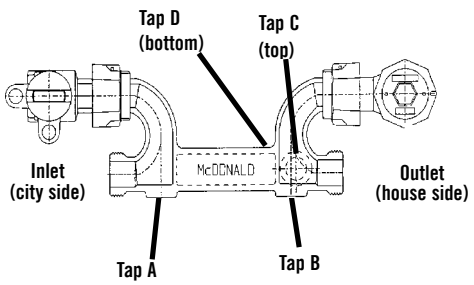
Tap Position Options

Right Offset Standard



Put "-" In Model Number

Left Offset



Put "X" In Model Number

Series 717 is typically viewed from the inlet side, and is fabricated as a "right offset" (see photo above and at right). This is critical when considering tap locations. Left offset is available upon special request - contact factory.

OPTIONS
- Assemblies shipped with two 1/8" EPDM rubber meter gaskets.
- **Not all combinations available, contact factory with your requirements.**

- **MOST METER SETTERS ARE MADE TO ORDER AND ARE NOT RETURNABLE.**
- **Please verify with the factory that the model number you have configured is available and meets your requirements.**

717 Series

FOR 5/8", 5/8" X 3/4", 3/4", OR 1" METERS

LOW RISE HORIZONTAL IN/OUT METER RESETTERS



5/8" Meter Size	Carton PCS/WT	Price	5/8" x 3/4" Meter Size	Carton PCS/WT	Price	3/4" Meter Size	Carton PCS/WT	Price	1" Meter Size	Carton PCS/WT	Price
717-104WX--	6/35	$185.93	717-204WX--	6/27	$185.93	717-304WX--	6/28	$198.72	717-406WX--	3/27	$456.57

Contact Factory for the following:

1. Cross size resetters available.
2. 60°, 45°, 180° tube rotation available.
3. Test/PRV taps available.
4. Stainless steel or brass handles assembled to ball valves available — Contact Factory for pricing
5. Pentagon plug test valve on check valve available
6. Left offset is available upon special request
6. LESS CHECK / 360° TURN OPERATING HEAD, less check on ball valve, **Add $ 2.38**

NOTES: - Meter nuts with saddle, wire seal hose, and angle ball valves with lockwing are standard.
- Series 717 is typically viewed from the inlet side, and is fabricated as a "right offset" (see diagram shown below). This is critical when considering tap locations.
- Thermal expansion tank and hose available, contact factory.

Tap Options	Price
A - 1/2" tap - no plug	$11.14
B - 1/2" tap - with brass sq. head plug	$20.36
C - 1/2" tap - with 125 lb. pressure relief valve	$63.97
D - 3/4" tap - no plug (only on 1" resetters)	$14.80
E - 3/4" tap - with brass sq. head plug (only on 1" resetters)	$25.86
F - 1/4" tap - no plug	$11.14
G - 1/2" tap x 3/4" NPSM Adaptor - no plug	$34.37

Single Setter (with Saddle Nut)		1	2	3	4
Options - add or subtract from base setter model		5/8"	5/8" x 3/4"	3/4"	1"
Standard Ball Valve	W	$67.55	$67.55	$67.55	$135.55
Full Port Ball Valve	J	$123.36	$123.36	$123.36	$185.83
Plug Valve	L	$55.59	$55.59	$55.59	$85.23
Single Check Valve	C	$61.33	$61.33	$61.33	$73.72
Dual Check - ASSE	D	$123.48	$123.48	$123.48	$117.10
Dual Check - ASSE - Full Port	M	N/A	N/A	N/A	$214.32
Dual Check - Cascading (* adds x992 to end of model)	D*	$112.68	$112.68	$112.68	$117.11
Meter Swivel Nut	X	N/C	N/C	N/C	N/C

Contact Factory for the following options:

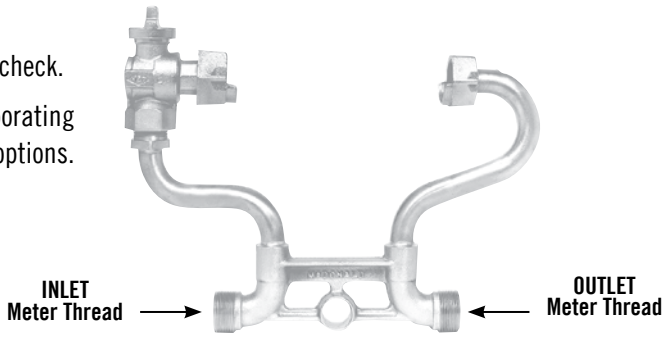
1. Handles for ball valves
2. Test cap on check valves
3. 360° turn valve cap (less check)

718 Series

Horizontal Style Resetter

Minimum 10” height on 1” resetters, or 12” on 1” resetter with angle dual check.

The A.Y. McDonald 718 horizontal resetter allows you to reset a meter incorporating an inlet or outlet shut off valve or check valve while offering several height options. Depending on valve configurations, minimum heights may vary.



Model 718-207WX

718	-	2	07	W	X	
Series	Style	Meter Size	Meter Height	Inlet	Outlet	

Series
718

Style
– = Standard
13/16 Tube
5/8”, 5/8” x 3/4”, 3/4”
1 1/8 tube
1”

For crossed sized meter sets
A = 5/8"
B = 5/8" x 3/4"
C = 3/4"

Meter Size
1 = 5/8"
2 = 5/8"x 3/4"
3 = 3/4"
4 = 1"

Meter Height
07"
(5/8”, 5/8” x 3/4”, 3/4” meters only)
09"
(5/8”, 5/8” x 3/4”, 3/4” meters only)
10"
12"
15"
18"
21"
24"
27”

18” and taller includes brace support bar

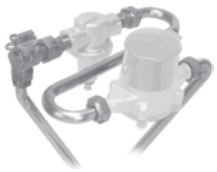
Additional heights available, contact factory.

Inlet / Outlet
C = Full Port Angle Single Check Valve
D = 3/4” Port Angle Dual Check Valve (ASSE 1024)
L = Angle lockwing Plug valve
J = Full Port Angle Lockwing Ball Valve
M = 1” Port Angle Dual Check Valve (ASSE 1024) 1” Meter Only
W = Standard Port Angle Lockwing Ball Valve
X = Flanged Tubing with Meter Nut
For other special meter connections, contact factory.

Contact Factory for pricing

For Tandem Series

758 Series Horizontal Tandem Setter



Example 758-207QN
Tandem resetters are supplied with adapters and “S” tube. Please specify device length and threads when ordering.

A = Full Port Angle Single Check Valve
F = 3/4” Port Angle Dual Check Valve (ASSE 1024)
G = Angle Lockwing Plug Valve
K = Full Port Angle Lockwing Ball Valve
N = Flanged Tubing with Meter Nut
P = 1” Port Angle Dual Check Valve (ASSE 1024)
Q = Standard Port Angle Lockwing Ball Valve

NOTE: Unless specified all tandem components have meter nuts without support lip.

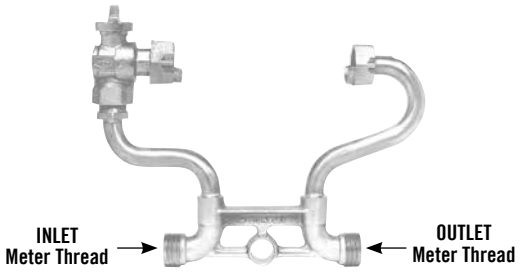
- Standard device for 5/8”, 5/8” x 3/4”, 3/4” = 4”- 5” Long FNPT x FNPT
- Standard device for 1” = 5”- 6” Long FNPT x FNPT

OPTIONS
- Assemblies shipped with two 1/8" EPDM rubber meter gaskets.
- **Not all combinations available, contact factory with your requirements.**
- **MOST METER SETTERS ARE MADE TO ORDER AND ARE NOT RETURNABLE.**
- **Please verify with the factory that the model number you have configured is available and meets your requirements.**

718 Series

FOR 5/8”, 5/8” X 3/4”, 3/4”, OR 1” METERS

Horizontal Style



5/8" Meter Size	Carton PCS/WT	Price	5/8" x 3/4" Meter Size	Carton PCS/WT	Price	3/4" Meter Size	Carton PCS/WT	Price	1" Meter Size	Carton PCS/WT	Price
718-107WX	6/24	$165.74	718-207WX	6/26	$172.26	718-307WX	6/27	$211.00	718-410WX	3/23	$356.49
718-109WX	6/21	$167.80	718-209WX	6/24	$174.26	718-309WX	6/27	$211.00	718-412WX	3/23	$363.74
718-112WX	6/30	$173.50	718-212WX	6/28	$179.95	718-312WX	6/30	$216.98	718-415WX	3/24	$372.51
718-115WX	6/30	$180.64	718-215WX	6/30	$211.47	718-315WX	6/42	$224.94	718-418WX	3/27	$424.47
718-118WX	6/33	$204.76	718-218WX	6/40	$218.25	718-318WX	6/39	$252.29	718-421WX	3/33	$443.38
718-121WX	6/35	$211.54	718-221WX	6/33	$225.60	718-321WX	6/35	$272.15	718-424WX	3/27	$457.17
718-124WX	6/36	$218.93	718-224WX	6/33	$ 206.40	718-324WX	6/45	$280.76			

Single Setter (with Saddle Nut)		1	2	3	4
Options - add or subtract from base setter model		**5/8”**	**5/8” x 3/4”**	**3/4”**	**1”**
Standard Ball Valve	**W**	$67.55	$67.55	$67.55	$135.55
Full Port Ball Valve	**J**	$123.36	$123.36	$123.36	$185.83
Plug Valve	**L**	$55.59	$55.59	$55.59	$85.23
Single Check Valve	**C**	$61.33	$61.33	$61.33	$73.72
Dual Check - ASSE	**D**	$123.48	$123.48	$123.48	$117.10
Dual Check - ASSE - Full Port	**M**	N/A	N/A	N/A	$214.32
Dual Check - Cascading (* adds x992 to end of model)	**D***	$112.68	$112.68	$112.68	$117.11
Meter Swivel Nut	**X**	N/C	N/C	N/C	N/C
Additional height in 3” increments		$7.55	$7.55	$10.42	$12.10

Tandem Setter (less Saddle Nut) Change model from 718 series to 758 series		1	2	3	4
Options - add or subtract from base setter model		**5/8”**	**5/8” x 3/4”**	**3/4”**	**1”**
Standard Ball Valve	**Q**	$67.55	$67.55	$67.55	$135.55
Full Port Ball Valve	**K**	$123.36	$123.36	$123.36	$185.83
Plug Valve	**G**	$55.59	$55.59	$55.59	$85.23
Single Check Valve	**C**	$61.33	$61.33	$61.33	$73.72
Dual Check - ASSE	**F**	$123.48	$123.48	$123.48	$117.10
Dual Check - ASSE - Full Port	**P**	N/A	N/A	N/A	$214.32
Dual Check - Cascading (* adds x992 to end of model)	**F***	$112.68	$112.68	$112.68	$117.11
Meter Swivel Nut	**N**	N/C	N/C	N/C	N/C
Tandem adder	**7” - 9”**	$133.04	$142.14	$172.81	-
	12”	$133.04	$142.14	$173.91	$259.54
	15”	$116.96	$126.01	$157.84	$259.54
	18” - 21”	$120.74	$129.90	$161.71	$259.54
	24” & Above	$120.74	$129.90	$161.71	$272.43

Tandem Setters or resetters include (2) 74619 connections and “S” tube with meter swivel nuts

NOTES:
- 12" minimum height for 1" setter with dual check
- Horizontal bracing eye, wire seal hole and lockwing are standard.
- **N/C** = No additional charge.

Contact Factory for the following options:
1. Handles for ball valves
2. Test cap on check valves
3. 360° turn valve cap (less check)

719 Series

Vertical Style Resetter - Meter Thread x Meter Thread

The A.Y. McDonald 719 vertical to horizontal resetter allows you to reset a meter currently in a vertical position to a horizontal position incorporating an inlet or outlet shut off valve or check valve.

- Meter swivel nuts are less saddle



Model 719-2

719	-	2	--	Q	N
Series	**Style**	**Meter Size**	**Meter Height**	**Inlet**	**Outlet**

Series
719

Style
– = Standard
13/16 Tube
5/8", 5/8" x 3/4", 3/4"
1 1/8 tube
1"

For crossed sized meter sets
A = 5/8"
B = 5/8" x 3/4"
C = 3/4"

Meter Size
1 = 5/8"
2 = 5/8" x 3/4"
3 = 3/4"
4 = 1"

Meter Height
– = Standard
For special heights, contact factory.

Inlet / Outlet
A = Full Port Angle Single Check Valve
F = 3/4" Port Angle Dual Check Valve (ASSE 1024)
G = Angle Lockwing Plug Valve
K = Full Port Angle Lockwing Ball Valve
N = Flanged Tubing with Meter Nut
P = 1" Port Angle Dual Check Valve (ASSE 1024)
Q = Standard Port Angle Lockwing Ball Valve
Z = Brass Elbow

OPTIONS
- Assemblies shipped with two 1/8" EPDM rubber meter gaskets.
- **Not all combinations available, contact factory with your requirements.**
- **MOST METER SETTERS ARE MADE TO ORDER AND ARE NOT RETURNABLE.**
- **Please verify with the factory that the model number you have configured is available and meets your requirements.**

719 Series

FOR 5/8”, 5/8” X 3/4”, 3/4”, OR 1” METERS

Vertical Resetters



5/8" Meter Size	Carton PCS/WT	Price	5/8" x 3/4" Meter Size	Carton PCS/WT	Price	3/4" Meter Size	Carton PCS/WT	Price	1" Meter Size	Carton PCS/WT	Price
719-1	6/18	$95.72	719-2	6/18	$102.05	719-3	6/18	$112.28	719-4	6/36	$237.88

Single Setter (with Saddle Nut)		1	2	3	4
Options - add or subtract from base setter model		**5/8”**	**5/8” x 3/4”**	**3/4”**	**1”**
Standard Ball Valve	**Q**	$67.55	$67.55	$67.55	$135.55
Full Port Ball Valve	**K**	$123.36	$123.36	$123.36	$185.83
Plug Valve	**G**	$55.59	$55.59	$55.59	$85.23
Single Check Valve	**A**	$61.33	$61.33	$61.33	$73.72
Dual Check - ASSE	**F**	$123.48	$123.48	$123.48	$117.10
Dual Check - ASSE - Full Port	**P**	N/A	N/A	N/A	$214.32
Dual Check - Cascading (* adds x992 to end of model)	**F***	$112.68	$112.68	$112.68	$117.11
Meter Swivel Nut	**X**	N/C	N/C	N/C	N/C

Contact Factory for the following options:

1. Handles for ball valves
2. Test cap on check valves
3. 360º turn valve cap (less check)

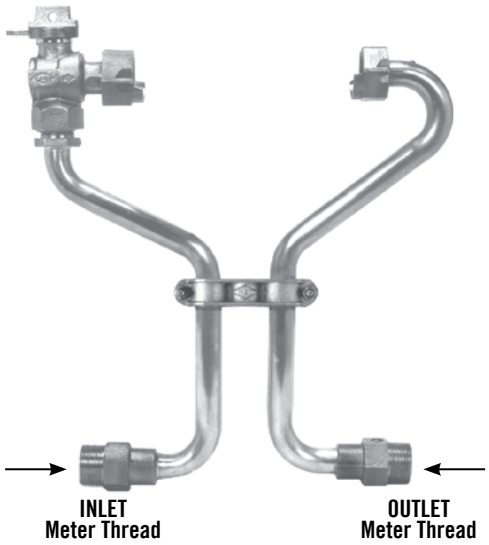
768 Series

FOR 5/8”, 5/8” X 3/4”, 3/4”, OR 1” METERS

Horizontal “F” Style Flexible Resetter

Minimum 15" height on 1" resetters.

The A.Y. McDonald 768 horizontal “F Style” (Flexible) resetter allows you to reset a meter incorporating an inlet or outlet shut off valve or check valve. It also offers several height options and flexibility if existing set is not aligned correctly.



Model 768-112WX

768	-	1	12	W	X
Series	Style	Meter Size	Meter Height	Inlet	Outlet

Series
768

Style
– = Standard
13/16 Tube
5/8”, 5/8” x 3/4”, 3/4”
1 1/8 tube
1”
H = Horizontal Brace Eye

For crossed sized meter sets
A = 5/8"
B = 5/8" x 3/4"
C = 3/4"

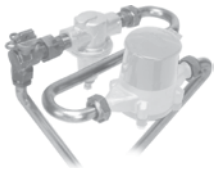
Meter Size
1 = 5/8"
2 = 5/8" x 3/4"
3 = 3/4"
4 = 1"

Meter Height
12"
15"
18"
21"
24"
Additional heights available, contact factory.

Inlet / Outlet
C = Full Port Angle Single Check Valve
D = 3/4” Port Angle Dual Check Valve (ASSE 1024)
L = Angle lockwing Plug valve
J = Full Port Angle Lockwing Ball Valve
M = 1” Port Angle Dual Check Valve (ASSE 1024)
W = Standard Port Angle Lockwing Ball Valve
X = Flanged Tubing with Meter Nut
For other special meter connections, contact factory.

For Tandem Series

761
Series Horizontal Tandem Setter



Example 761-112QN
Tandem resetters are supplied with adapters and “S” tube. Please specify device length and threads when ordering.

A = 3/4” & 1” Port Angle Single Check Valve
F = 3/4” Port Angle Dual Check Valve (ASSE 1024)
G = Angle Lockwing Plug Valve
K = 3/4” & 1” Port Angle Lockwing Ball Valve
N = Flanged Tubing with Meter Nut
P = 1” Port Angle Dual Check Valve (ASSE 1024)
Q = Standard Port Angle Lockwing Ball Valve
Z = Brass Elbow

NOTE: Unless specified all tandem components have meter nuts without support lip.

- Standard device for 5/8”, 5/8” x 3/4”, 3/4” = 4”- 5” Long FNPT x FNPT
- Standard device for 1” = 5”- 6” Long FNPT x FNPT

OPTIONS
- Assemblies shipped with two 1/8" EPDM rubber meter gaskets.
- **Not all combinations available, contact factory with your requirements.**
- **MOST METER SETTERS ARE MADE TO ORDER AND ARE NOT RETURNABLE.**
- **Please verify with the factory that the model number you have configured is available and meets your requirements.**

768 Series

FOR 5/8", 5/8" X 3/4", 3/4", OR 1" METERS

Horizontal Inlet and Outlet "F" Style Meter Resetters

5/8" Meter Size	Carton PCS/WT	Price
768-112WX	6/27	$198.28
768-115WX	6/30	$203.51
768-118WX	6/33	$220.80
768-121WX	6/36	$230.59
768-124WX	6/43	$ 218.10

5/8" x 3/4" Meter Size	Carton PCS/WT	Price
768-212WX	6/29	$209.78
768-215WX	6/29	$214.98
768-218WX	6/30	$232.32
768-221WX	6/32	$242.10
768-224WX	3/17	$249.83

3/4" Meter Size	Carton PCS/WT	Price
768-312WX	6/30	$244.31
768-315WX	6/33	$255.74
768-318WX	6/36	$269.54
768-321WX	6/39	$280.03
768-324WX	3/21	$291.00

1" Meter Size	Carton PCS/WT	Price
768-415WX	6/45	$417.13
768-418WX	6/48	$448.61
768-421WX	6/51	$476.15
768-424WX	3/27	$479.94

Single Setter (with Saddle Nut)		1	2	3	4
Options - add or subtract from base setter model		5/8"	5/8" x 3/4"	3/4"	1"
Standard Ball Valve	W	$67.55	$67.55	$67.55	$135.55
Full Port Ball Valve	J	$123.36	$123.36	$123.36	$185.83
Plug Valve	L	$55.59	$55.59	$55.59	$85.23
Single Check Valve	C	$61.33	$61.33	$61.33	$73.72
Dual Check - ASSE	D	$123.48	$123.48	$123.48	$117.10
Dual Check - ASSE - Full Port	M	N/A	N/A	N/A	$214.32
Dual Check - Cascading (* adds x992 to end of model)	D*	$112.68	$112.68	$112.68	$117.11
Meter Swivel Nut	X	N/C	N/C	N/C	N/C
Additional height in 3" increments		$7.55	$7.55	$10.42	$12.10

Tandem Setter (less Saddle Nut) Change model from 768 series to 761 series		1	2	3	4
Options - add or subtract from base setter model		5/8"	5/8" x 3/4"	3/4"	1"
Standard Ball Valve	Q	$67.55	$67.55	$67.55	$135.55
Full Port Ball Valve	K	$123.36	$123.36	$123.36	$185.83
Plug Valve	G	$55.59	$55.59	$55.59	$85.23
Single Check Valve	A	$61.33	$61.33	$61.33	$73.72
Dual Check - ASSE	F	$123.48	$123.48	$123.48	$117.10
Dual Check - ASSE - Full Port	P	N/A	N/A	N/A	$214.32
Dual Check - Cascading (* adds x992 to end of model)	F*	$112.68	$112.68	$112.68	$117.11
Meter Swivel Nut	N	N/C	N/C	N/C	N/C
Tandem adder	7" - 9"	$133.04	$142.14	$172.81	-
	12"	$133.04	$142.14	$173.91	$259.54
	15"	$116.96	$126.01	$157.84	$259.54
	18" - 21"	$120.74	$129.90	$161.71	$259.54
	24" & Above	$120.74	$129.90	$161.71	$272.43

Tandem Setters or resetters include (2) 74619 connections and "S" tube with meter swivel nuts

NOTES:
- 15" minimum height for 1" setter with dual check
- Vertical bracing eye, wire seal hole and lockwing are standard.
- **N/C** = No additional charge.

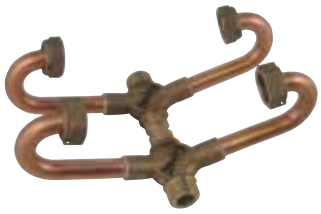
Contact Factory for the following options:
1. Handles for ball valves
2. Test cap on check valves
3. 360° turn valve cap (less check)

758 Series

Crab Style Tandem Resetter

Made to set two meter thread x meter thread devices.
The A.Y. McDonald 758 tandem resetter allows you to reset a meter and a device in one low profile compact setting.

- Meter swivel nuts are less saddle
- For other combinations, contact factory





Model 758-2--NN X419

758	-	2	--	N	N		X419
Series	Style	Meter Size	Meter Height	Meter Connections		Blank Space	Crab Style

Series: 758 Tandem

Style: – = Standard

Meter Size: 1 = 5/8" 2 = 5/8" x 3/4" 3 = 3/4" 4 = 1"

Meter Height: For special heights, contact factory.

Meter Connections: N = No valve - meter nut only
For other special meter connections and valves, contact factory.

Model	Description	List Price
758-1--NN X419	5/8" Crab Style Tandem Resetter	$391.91
758-2--NN X419	5/8" x 3/4" Crab Style Tandem Resetter	$391.91
758-3--NN X419	3/4" Crab Style Tandem Resetter	$437.27
758-4--NN X419	1" Crab Style Tandem Resetter	$762.96

Inverted Tandem

For installing a regulator and meter in an existing setting and there is little room above 2" rise from original meter height. The A.Y. McDonald 758 inverted tandem resetter allows you to reset a meter and a device with minimal rise as long as there is room below the existing meter.
- Meter swivel nuts are less saddle



Model 758-202NN X406

758	-	2	02	N	N		X406
Series	Style	Meter Size	Meter Height	Meter Connections		Blank Space	Inverted Style

Series: 758 Tandem

Style: – = Standard

Meter Size: 1 = 5/8" 2 = 5/8" x 3/4" 3 = 3/4" 4 = 1"

Meter Height: For special heights, contact factory.

Meter Connections: N = No valve - meter nut only
For other special meter connections, contact factory.

Meter swivel nuts are less saddle.

Model	Description	List Price
758-102NN X406	5/8" Inverted Tandem Resetter	$226.47
758-202NN X406	5/8" x 3/4" Inverted Tandem Resetter	$246.84
758-302NN X406	3/4" Inverted Tandem Resetter	$276.46
758-403NN X406	1" Inverted Tandem Resetter	$480.46

OPTIONS

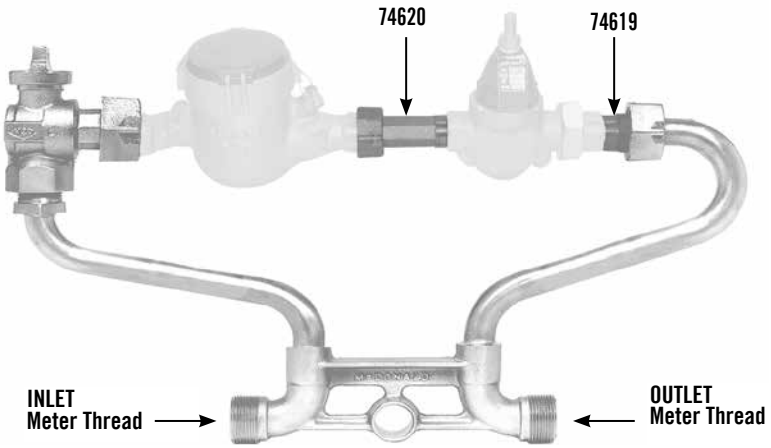
- Assemblies shipped with two 1/8" EPDM rubber meter gaskets.
- Insert stiffeners are required on all flexible plastic connections.
- **Not all combinations available, contact factory with your requirements.**
- **MOST METER SETTERS ARE MADE TO ORDER AND ARE NOT RETURNABLE.**
- **Please verify with the factory that the model number you have configured is available and meets your requirements.**

758I Series

Inline Tandem Resetter

The A.Y. McDonald 758I inline tandem resetter with additional options for shut off or check valves plumbed into the tubing to accept inline, a meter and a pressure regulating device. Please supply device length and end connection configuration when ordering.

- Resetters include 74620 meter coupling and 74619 adapter and gaskets.
- Meter swivel nuts are less saddle



Model 758I207QN X15.81

758	I	2	07	Q	N		X15.81
Series	Style	Meter Size	Meter Height	Inlet	Outlet	Blank Space	Flange to Flange Spread

758 Inline Tandem

I = Inline Tandem Resetter

1 = 5/8"
2 = 5/8" x 3/4"
3 = 3/4"
4 = 1"

07"
09"
10"
12"
15"
18"
21"
24"
Additional heights available, contact factory.

A = Full Port Angle Single Check Valve
F = 3/4" Port Angle Dual Check Valve (ASSE 1024)
G = Angle Lockwing Plug Valve
K = 3/4" & 1" Port Angle Lockwing Ball Valve
N = Flanged Tubing with Meter Nut
P = 1" Port Angle Dual Check Valve (ASSE 1024)
Q = Standard Port Angle Lockwing Ball Valve
Z = Brass Elbow

Varies with device, contact factory for correct length.

NOTE: Unless specified all tandem components have meter nuts without support lip.

For other specialty connections, contact factory.

OPTIONS

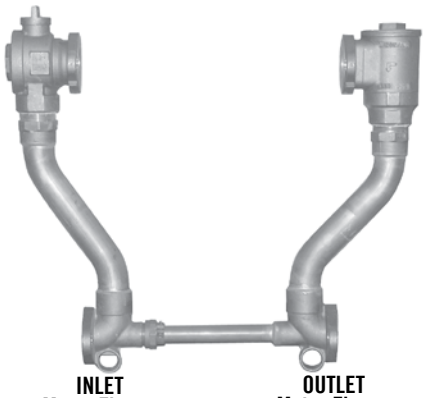
- Assemblies shipped with two 1/8" EPDM rubber meter gaskets.
- **Not all combinations available, contact factory with your requirements.**
- **MOST METER SETTERS ARE MADE TO ORDER AND ARE NOT RETURNABLE.**
- **Please verify with the factory that the model number you have configured is available and meets your requirements.**

718 Series

Horizontal Style Resetters 1 1/2" & 2"

The A.Y. McDonald 718 1 1/2" and 2" oval flanged horizontal resetter allows you to reset a meter incorporating an inlet or outlet shut off valve or check valve while offering several height options. It also offers bypass options. Depending on valve configurations, minimum heights may vary.

- Brass eye holes accept 1" iron pipe or 1" PVC
- 2" Meter flanges have slotted bolt holes to fit 1 1/2" or 2" meters
- Two drop in flange gaskets furnished.
- Two meter support brackets furnished.
- 1 1/4" bypass includes a 1" x 1" x 1 1/4" ball valve.
- Resetter with bypass requires a check valve or ball valve on outlet
- Cross sized resetters available, contact factory.



Model 718-618WD

718	-	6	18	W	D
Series	Bypass	Meter Size	Meter Height	Inlet	Outlet

Series
718

Bypass
- = Standard
B = Low bypass
R = High Offset

Meter Size
6 = 1½"
7 = 2"

Meter Height
12"
15"
18"
21"
24"
Additional heights available, contact factory. Minimum height may apply based on configuration of setter.

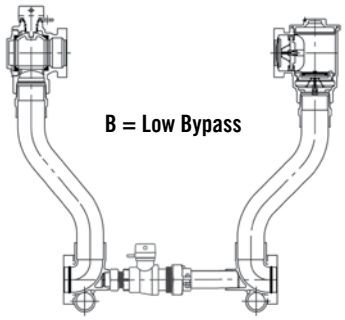
Inlet / Outlet
D = Full Port angle dual check valve (ASSE 1024)
E = Angle dual check valve with 1" tap in cap with 1" NPT plug assembly
F = Angle dual check valve with 1 1/2" tap in cap with 1 1/2" NPT plug assembly
G = Angle dual check valve with 2" tap in cap with 2" NPT plug assembly
K = Adjustable oval flange ball valve
N = Flanged elbow
W = Full Port angle lockwing ball valve

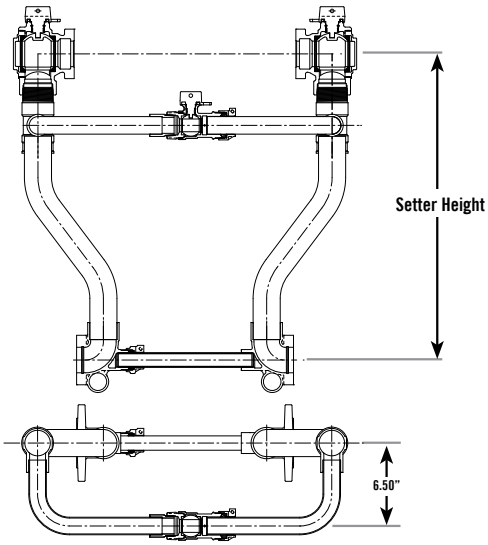
For Tandem Series

758 Series Tandem Setter



Example 758-618WDX Device Length
Tandem resetters are supplied with 610M adapters and "S" tube. Please specify device length and threads when ordering.





R = High Offset Bypass
6½" to right of meter

OPTIONS

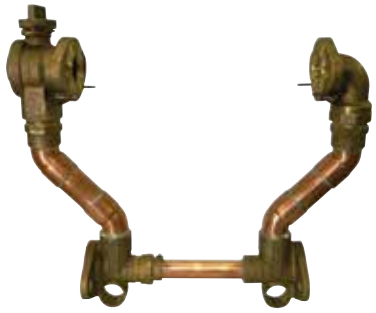
- **Not all combinations available, contact factory with your requirements.**
- **MOST METER RESETTERS ARE MADE TO ORDER AND ARE NOT RETURNABLE.**
- **Please verify with the factory that the model number you have configured is available and meets your requirements.**

718 Series

Horizontal Style Resetters 1 1/2" & 2"

1 1/4" Copper cross tube is standard for no by-pass setters.

The A.Y. McDonald 718 1 1/2" and 2" oval flanged horizontal resetter allows you to reset a meter incorporating an inlet or outlet shut off valve or check valve while offering several height options. It also offers bypass options and several options for taps to incorporate pressure relief valves or sampling valves before or after the meter. Depending on valve configurations, minimum heights may vary. Brass eye holes accept 1" iron pipe or 1" PVC.



Meter Flange Inlet x Meter Flange Outlet

Model	Meter & Service Size	Carton PCS/WT	Price
718-615WN	1 1/2"		$1,877.42
718-715WN	2"		$2,074.84

Adder for Tandem Setter (If Applicable)

Size	Carton PCS/WT	Price
1 1/2"		$824.08
2"		$865.33

NOTE: *FOR 718 SERIES THE 718 BECOMES 758*

NOTE: METER SETTERS WITH FLANGED ELBOWS ARE NOT AVAILABLE WITH A BY-PASS

Model Description	Size	List Price Adder 1 1/2"	2"
NO BYPASS	N/A	$ 0.00	$ 0.00
LOW INLINE BYPASS	1 1/4"	$126.89	$126.89
LOW INLINE BYPASS	1 1/2"	$384.65	$384.65
HIGH OFFSET BYPASS	1 1/4"	$721.21	$755.93
HIGH OFFSET BYPASS	1 1/2"	$978.97	$1,013.69

NOTE: ADD FOR EACH VALVE ADDED TO METER SETTER

Height	List Price Adder 1 1/2"	2"
15"	$ 0.00	$ 0.00
18"	$48.06	$ 0.00
21"	$96.12	$55.91
24"	$144.18	$118.37
27"	$192.24	$177.56

Description Meter Inlet & Outlet	List Price Adder 1 1/2"	2"
BALL VALVE	$242.74	$248.70
DUAL CHECK	$357.24	$259.77

NOTE: *ADD FOR EACH VALVE ADDED TO METER SETTER*

OPTIONS

- **Not all combinations available, contact factory with your requirements.**
- **MOST METER RESETTERS ARE MADE TO ORDER AND ARE NOT RETURNABLE.**
- **Please verify with the factory that the model number you have configured is available and meets your requirements.**

Gaskets

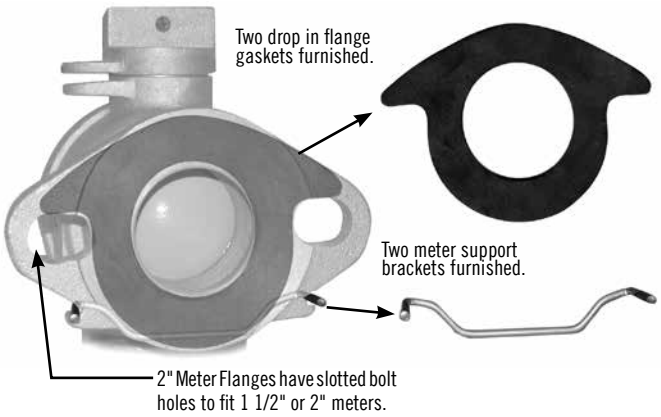


MODEL		DESCRIPTION	METER SIZE	LIST PRICE
18-G1	5/8"	Rubber	5/8"	$ 0.35
18-G1F	5/8"	Fiber	5/8"	$ 1.40
18-G1L	5/8"	Waxed Leather	5/8"	$ 0.84
18-G2	3/4"	Rubber	5/8" x 3/4" or 3/4"	$ 0.45
18-G2F	3/4"	Fiber	5/8" x 3/4" or 3/4"	$ 1.49
18-G2L	3/4"	Waxed Leather	5/8" x 3/4" or 3/4"	$ 0.81
18-G4	1"	Rubber	1"	$ 0.48
18-G4F	1"	Fiber	1"	$ 2.08
18-G4L	1"	Waxed Leather	1"	$ 0.91



MODEL		DESCRIPTION	METER SIZE	LIST PRICE
18-G6	1 1/2"	Flange-Rubber	1 1/2"	$ 3.96
18-G7	2"	Flange-Rubber	2"	$ 4.49
4620G	1 1/2"	Round-Rubber	1 1/2"	$ 3.55
4620G	2"	Round-Rubber	2"	$ 4.02

MODEL		DESCRIPTION	METER SIZE	LIST PRICE
18-GFF6	1 1/2"	Full Flange	1 1/2"	$ 3.55
18-GFF7	2"	Full Flange	2"	$ 4.06



Meter Bushings

Changes thread size only



10J12 - Converts 5/8" meter spud to 5/8" x 3/4" meter spud - one bushing $5.98

10J12KIT - Converts 5/8" meter spud to 5/8" x 3/4" meter spud - two pieces per bag..... $11.95



10J34B - Converts 3/4" meter spud to 1" meter spud - one bushing $17.87



10J45 - Converts 1" meter spud to 1 1/4" meter spud - one bushing..... $10.80

Meter Adapters

Converts meter size and laying length



710J13 - Converts 5/8" meter to 3/4" meter - two pieces required per meter..... $14.56

710J13KIT - Converts 5/8" meter to 3/4" meter - two pieces per kit..... $29.13



710J14 - Converts 5/8" meter to 1" meter - two pieces required per meter..... $18.21

710J14KIT - Converts 5/8" meter to 1" meter - two pieces per kit..... $36.40



710J23 - Converts 5/8" x 3/4" meter to 3/4" meter - one piece required per meter $18.50



710J24 - Converts 5/8" x 3/4" meter to 1" meter - two pieces required per meter..... $22.25

710J24KIT - Converts 5/8" x 3/4" meter to 1" meter - two pieces per kit..... $44.49



710J34 - Converts 3/4" meter to 1" meter - two pieces required per meter..... $17.08

710J34KIT - Converts 3/4" meter to 1" meter - two pieces per kit..... $34.16



710J46 - Converts 1" meter to 1 1/2" flanged meter size and length - two pieces required per meter $129.15



710J46KIT - Converts 1" meter to 1 1/2" flanged meter size and length - two pieces per kit $258.29

710J47 - Converts 1" meter to 2" flanged meter size and length two pieces required per meter.... $132.17

710J47KIT - Converts 1" meter to 2" flanged meter size and length two pieces per kit..... $264.35



710J67 - Converts 1 1/2"" flanged meter to 2" flanged meter size and length - two pieces required per meter - two bolts included $174.85

710J67KIT - Converts 1 1/2"" flanged meter to 2" flanged meter size and length - two pieces per kit - four bolts included $349.69



710J67DH - Converts 1 1/2"" flanged meter to 2" flanged meter size and length - two pieces required per meter Slotted holes for 1 1/2"" or 2" meters - does not include bolts and nuts..... $174.85



710J77DHX2 X1.75 - Converts 2" x 15.25" flanged meter to 2" x 17" flanged meter size and length -one piece required per meter. Slotted holes for 1 1/2"" or 2" meters - does not include bolts and nuts $174.85

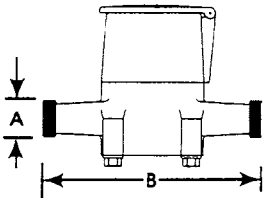


6121 - Meter support bracket - 1 1/2" and 2".... $11.83

6121NB - Nut and bolt assemblies - 1 1/2" and 2".. $8.55

Meter Dimensions

Meter Size	5/8"	3/4" Short Meter, 5/8" x 3/4"	3/4"	3/4" x 1"	1"	1 1/2"	2"
A-Meter Threads	3/4"	1"	1"	1 1/4"	1 1/4"	Oval Flange	Oval Flange
B-Lay Length	7 1/2"	7 1/2"	9"	9"	10 3/4"	13"	17"
A.Y. McDonald Spacing*	7 13/16"	7 13/16"	9 5/16"	9 5/16"	11 3/32"	13 1/4"	17 1/4"



*Allows for meter and two gaskets.

Note: A.Y. McDonald uses the above standards for typical meter applications. If your application is special or in question, you should always measure the meter as shown above. Other meter lay lengths must be specified. An additional 3/8" is added to top spacing to allow for gaskets through 1" meters: Standard 2" top spacing = 17 1/4".

Tandem Options

All A.Y. McDonald tandem copper setters are designed to provide the user with the option of placing an auxiliary device in addition to a water meter in a space as small as 18" in diameter (see Table I). The auxiliary device could be a pressure regulator, pressure relief valve, backflow preventer, etc. Table I shows typical lay lengths available for these devices. Other lengths can be provided. Contact our customer service department for details.

- Standard centerline spread for 5/8", 5/8" x 3/4", 3/4" meters is 7". 1" meter is 9".
- Tandem meter setter "S" bar (4619S-size) and brass adapters (74619-size) come as standard when ordering tandem resetters, but are also available separately (see below). Contact factory.
- Resetters with cross-over meter sizes are available, contact factory.

TABLE I

Meter Size	Device Length (FNPT x FNPT)	Minimum Recommended Inside Pit Diameter
5/8"	4" to 5"	18"
5/8" x 3/4"	4" to 5"	18"
3/4"	4" to 5"	20"
1"	5" to 6"	21"

Tandem "S" Bar



Spread for 5/8", 5/8"x 3/4" and 3/4" Meters

Spread for 1" Meters

Note: Special length cross tubes and inverted tandem cross tubes are available, contact factory.

		List Price
4619S 5/8" x 4.50	- for use with 5/8" meter tandem	$68.28
4619S 5/8" x 3/4" x 4.50	- for use with 5/8" x 3/4" meter tandem	$72.49
4619S 3/4" x 4.50	- for use with 3/4" meter tandem	$85.79

Above items for use with 4"-5" device

4619S 1" x 5.50	- for use with 1" meter tandem	$131.26

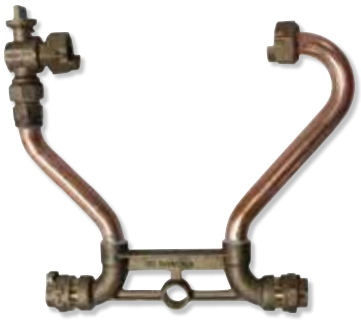
Above item for use with 5"-6" device

"S" Bar Adapter



Two pieces required per device

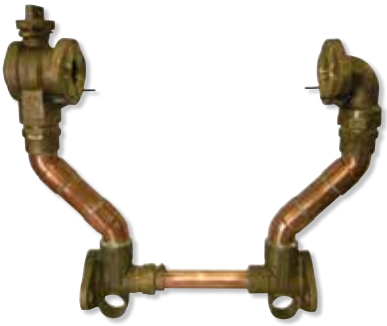
		List Price
74619 5/8"	- (5/8" meter x 3/4" NPT)	$23.25
74619 3/4"	- (5/8" x 3/4" or 3/4" meter x 3/4" NPT)	$17.42
74619 1"	- (1" meter x 1" NPT)	$23.91



















THE CUSTOMER IS THE BOSS

EST. 1856 McDonald

Copper Meter Setters

Water Works Catalog / Price List - April 2019

MORE THAN A BRAND. **WE'RE A FAMILY.**

Single Setter (with Saddle Nut)		1	2	3	4
Options - add or subtract from base setter model		**5/8”**	**5/8” x 3/4”**	**3/4”**	**1”**
Standard Ball Valve	**W**	$67.55	$67.55	$67.55	$135.55
Full Port Ball Valve	**J**	$123.36	$123.36	$123.36	$185.83
Plug Valve	**L**	$55.59	$55.59	$55.59	$85.23
Single Check Valve	**C**	$61.33	$61.33	$61.33	$73.72
Dual Check - ASSE	**D**	$123.48	$123.48	$123.48	$117.10
Dual Check - ASSE - Full Port	**M**	N/A	N/A	N/A	$214.32
Dual Check - Cascading (* adds x992 to end of model)	**D***	$112.68	$112.68	$112.68	$117.11
Meter Swivel Nut	**X**	N/C	N/C	N/C	N/C
Additional height in 3” increments		$7.55	$7.55	$10.42	$12.10

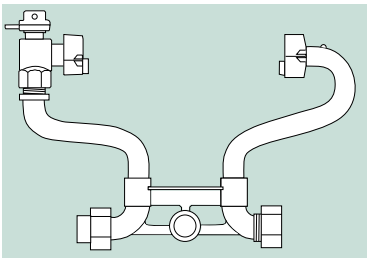
Tandem Setter (less Saddle Nut)		1	2	3	4
Options - add or subtract from base setter model		**5/8”**	**5/8” x 3/4”**	**3/4”**	**1”**
Standard Ball Valve	**Q**	$67.55	$67.55	$67.55	$135.55
Full Port Ball Valve	**K**	$123.36	$123.36	$123.36	$185.83
Plug Valve	**G**	$55.59	$55.59	$55.59	$85.23
Single Check Valve	**A**	$61.33	$61.33	$61.33	$73.72
Dual Check - ASSE	**F**	$123.48	$123.48	$123.48	$117.10
Dual Check - ASSE - Full Port	**P**	N/A	N/A	N/A	$214.32
Dual Check - Cascading (* adds x992 to end of model)	**F***	$112.68	$112.68	$112.68	$117.11
Meter Swivel Nut	**N**	N/C	N/C	N/C	N/C
Tandem adder	**7” - 9”**	$133.04	$142.14	$172.81	-
	12”	$133.04	$142.14	$173.91	$259.54
	15”	$116.96	$126.01	$157.84	$259.54
	18” - 21”	$120.74	$129.90	$161.71	$259.54
	24” & Above	$120.74	$129.90	$161.71	$272.43

Tandem Setters or resetters include (2) 74619 connections and “S” tube with meter swivel nuts

LESS CHECK / 360° TURN OPERATING HEAD
Less check on ball valve, **Add $ 2.38 ea**.

- 12" minimum height for 1" setters and resetters with angle dual checks, except for low profile options.
- Bracing eye, meter nuts with saddle, wire seal hole, and angle ball valves with lockwing are standard except where noted.
- Weights and package sizes will vary with additional options.
- Cross size resetters available, contact factory.
- 7/8" O.D. Tube option on 3/4 meter setter.

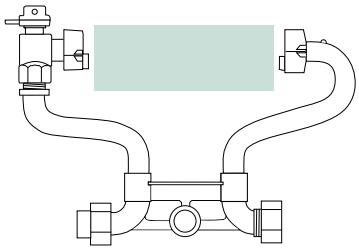
Model number 723 -2 09 WX DT [ ] 33 means...



723 -209WXDT 33

No-Lead Copper Meter Setter Series

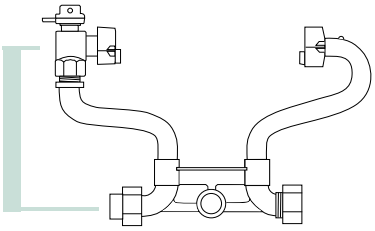
(includes resetters)
717, 718, 720, 721, 722, 723, 724, 725, 726, 727, 728, 729, 730, 731, 732, 737, 738, 739, 750, 751, 752, 753, 754, 755, 756, 757, 758, 759, 760, 761, 762, 763, 764, 768, 770



723 -2 09WXDT 33

Meter Sizes

-1 = 5/8" Meter
-2 = 5/8" x 3/4" Meter
-3 = 3/4" Meter
-4 = 1" Meter
-5 = 1 1/2" Meter
-6 = 2" Meter

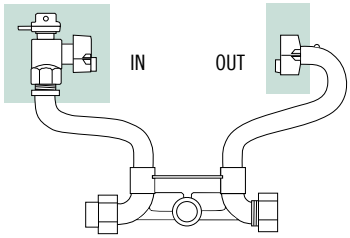


723-2 09 WXDT 33

Vertical Height

07", 09", 10", 12", 15", 18", 21", 24"

Others on special order (i.e., 08", 20", 30", etc.)
- 10" minimum height on 1" meter setters.
- 12" minimum height on 1" meter setters with angle dual check valves.



723-209 WX DT 33

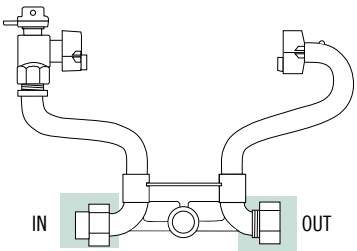
IN OUT

Meter Valve/Nut/Dual or Single Check

C = Angle check valve (Single Cartridge)
D = Angle dual check valve (ASSE 1024)
W = Angle lockwing ball valve
X = Flanged tubing with meter nut

- Saddle nut style standard. Consult factory for less saddle.
- Ball valve with lockwing and checks are standard.

For Tandem Setters Designation A, F, Q & N, Replace C, D, W & X



723-209WX DT 33

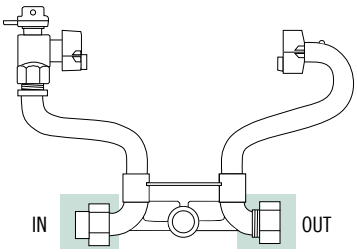
IN OUT

Bottom Bar End Connection

C = Copper Flare Union
D = Double Purpose (Flare or FNPT) Union
F = FNPT Union
G = "G" CTS Series McGrip Comp.*
M = MNPT Union
P = MNPT (No Coupling) Integral
Q = "Q" CTS Series Comp.*
S = Solder Union
T = "T" CTS Series Comp.*
Z = "-3Q" PEP Series Comp.*
2 = "-22" CTS Series Mac-Pak Comp.*
3 = "-33" PEP Series Mac-Pak Comp.*
4 = "-44" PVC Series Mac-Pak Comp.
5 = "-55" IP Series Mac-Pak Comp. IP

- Not all end connections available on all styles of meter setters.

DOES NOT apply to Resetters



723-209WXDT 33

IN OUT

Bottom Bar End Size

1 = 1/2"
3 = 3/4"
4 = 1"
5 = 1 1/4"
6 = 1 1/2"
7 = 2"

DOES NOT apply to Resetters

*Insert stiffeners are required on all flexible plastic connections.

In Stock Setters

HORIZONTAL RESETTERS AND METER SETTERS

Normally stock - check with factory for availability.

Low-Rise Resetters

Model	Carton PCS/WT	Price
710-203NNH- X72	8/31	$238.04
717-204WD--	6/33	$309.38
717-204XD--	6/29	$241.85
717-204WX--	6/27	$185.93

Double Purpose x Double Purpose Union x Union

Model	Carton PCS/WT	Price
720-207WDDD 33	6/41	$319.76
720-207WXDD 33	6/33	$196.28
720-212WCDD 33	6/39	$265.19
720-418JDMD 44	3/42	$620.85

CTS x CTS Compression

Model	Carton PCS/WT	Price
722-207WD22 33	6/37	$313.38
722-207WX22 33	6/30	$189.92
722-212WD22 33	6/36	$320.93
722-215WD22 33	6/42	$328.11
722-218WX22 33	6/38	$229.09
722-410WX22 44	3/28	$382.80
722-418WX22 44	3/30	$450.76

Male Meter Thread Resetters

Model	Carton PCS/WT	Price
718-207WD	6/33	$295.72
718-207WX	6/26	$172.26
718-209WX	6/24	$174.26
718-212WD	6/36	$303.43
718-212WX	6/28	$179.95
718-410WX	3/23	$356.49

FNPT x FNPT

Model	Carton PCS/WT	Price
720B712WDFF 775	1/40	$1,870.82
720B712WWFF 775	1/42	$1,860.38
720B715WWFF 775	1/45	$1,917.58
720B718WWFF 775	1/44	$1,975.38
720B727WWFF 775	1/49	$2,155.96
720R715WWFF 775	1/49	$2,546.14

CTS Compression x Double Purpose

Model	Carton PCS/WT	Price
724-207WDTD 33	6/39	$316.53
726-207WD2D 33	6/39	$316.53
726-207WX2D 33	6/32	$193.08

VERTICAL INSETTERS AND METER SETTERS

C-Style Insetter

Model	Carton PCS/WT	Price
740-2----FF 33	8/29	$111.37
740-2----MS 33	8/29	$111.37
740-2----SS 33	8/28	$111.37
740-3----SS 44	8/30	$122.32
740-4----MM 44	5/36	$196.99

K-Style Insetter

Model	Carton PCS/WT	Price
741-1	12/26	$83.12
741-2	12/26	$87.78

CTS Compression x CTS Compression Meter Setter

Model	Carton PCS/WT	Price
732-1--WX22 33	6/24	$166.29
732-4--HN22 44	3/24	$323.20
732-4--WW22 44	3/27	$456.41
732-4--WX22 44	3/22	$320.85

C-Style Insetter with Nuts Less Connection

Model	Carton PCS/WT	Price
40N1	8/24	$69.19
40N2	8/24	$73.50
40N3	8/26	$85.01
740N4	7/41	$169.12

M-Style Insetter

Model	Carton PCS/WT	Price
743-2----DD 33	8/29	$121.40
743-3----SS 44	8/28	$142.68
743-4----SS 44	5/33	$196.87
743-4----DD 44	6/36	$196.87

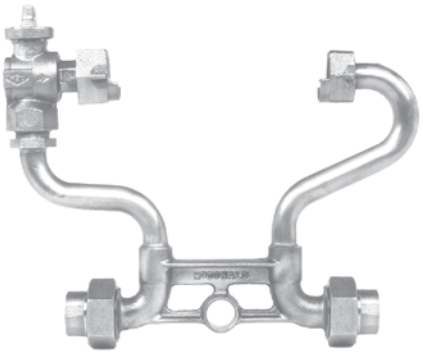
PU-Style Insetter, MNPT x MNPT

Model	Carton PCS/WT	Price
744-1	8/20	$77.76
744-2	8/21	$83.66
744-4	8/21	$101.76

720 Series

FOR 5/8", 5/8" X 3/4", 3/4", OR 1" METERS

Horizontal Style, Double Purpose Union x Double Purpose Union.



To order 720 Series Model No. **720-207WXDD 33** above means:

720	-	2	07	WX	DD		33
Series	Style	Meter Size	Meter Height	Inlet and Outlet Valves	Type of connection Inlet and Outlet	Blank Space	Size Inlet & Outlet

Style
- = Standard

Meter Size
- **1** = 5/8"
- **2** = 5/8" x 3/4"
- **3** = 3/4"
- **4** = 1"

18" & Taller includes Brace Support Bar

Meter Height
- **07** = 7"
- **09** = 9"
- **10** = 10" Minimum For 1" Meter
- **12** = 12"
- **15** = 15"
- **18** = 18"
- **21** = 21"
- **24** = 24"
- **27** = 27"

Additional heights available, contact factory

Inlet and Outlet Valves
- **C** = 3/4" & 1" Port Angle Single Check Valve
- **D** = 3/4" Port Angle Dual Check Valve (ASSE 1024)
- **L** = Angle Lockwing Plug Valve
- **J** = 3/4" & 1" Port Angle Lockwing Ball Valve
- **M** = 1" Port Angle Dual Check Valve (ASSE 1024)
- **W** = Standard Port Angle Lockwing Ball Valve
- **X** = Flanged Tubing with Meter Nut

For other special meter connections, contact factory.

Type of connection Inlet and Outlet

5/8", 5/8" x 3/4", 3/4" Meters
- **C** = Copper Flare Union (3/4" or 1")
- **D** = Double Purpose Union (Flare or FNPT) (3/4" or 1")
- **F** = FNPT Union (1/2" or 1")
- **G** = G CTS McGrip Union (3/4")
- **H** = H CTS HandyLoc Union (3/4")
- **J** = C903 Union (3/4")
- **L** = Less Double Purpose Nut, & Gasket, 3/4" & 1"
- **M** = MNPT Union (3/4", 1")
- **Q** = Q CTS McQuik Union (3/4")
- **S** = Solder Union (3/4" or 1")
- **T** = T CTS Union (3/4" or 1")
- **2** = -22 CTS MacPak Union (3/4" or 1")
- **3** = -33 PEP-7 MacPak Union (3/4")
- **4** = -44 PVC MacPak Union (3/4")
- **5** = -55 IP MacPak Union (3/4")

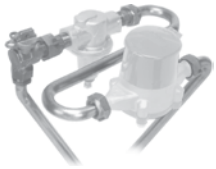
1" Meters
- **D** = Double Purpose Union (Flare or FNPT) (1")
- **J** = C903 Union (1")
- **L** = Less Double Purpose Nut, Connection & Gasket (1")
- **M** = MNPT Union (1" or 1 1/4")
- **Q** = Q CTS McQuik Union (1")
- **S** = Solder Union (1")
- **T** = T CTS Union (1")
- **2** = -22 CTS MacPak Union (1")

Blank Space

Size Inlet & Outlet
- **1** = 1/2"
- **3** = 3/4"
- **4** = 1"

For Tandem Series

750 Series Horizontal Tandem Setter



Example 750-207QNDD 33
Tandem setters are supplied with adapters and "S" tube. Please specify device length and threads when ordering.
12" minimum height on 1" tandem

- Standard device for 5/8", 5/8" x 3/4", 3/4" = 4"- 5" Long FNPT x FNPT
- Standard device for 1" = 5"- 6" Long FNPT x FNPT

- **A** = 3/4" & 1" Port Angle Single Check Valve
- **F** = 3/4" Port Angle Dual Check Valve (ASSE 1024)
- **G** = Angle Lockwing Plug Valve
- **K** = 3/4" & 1" Port Angle Lockwing Ball Valve
- **N** = Flanged Tubing with Meter Nut
- **P** = 1" Port Angle Dual Check Valve (ASSE 1024)
- **Q** = Standard Port Angle Lockwing Ball Valve
- **Z** = Brass Elbow

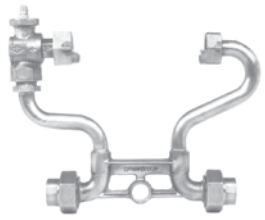
NOTE: Unless specified all tandem components have meter nuts without support lip.

OPTIONS
- Assemblies shipped with two 1/8" EPDM rubber meter gaskets.
- Insert stiffeners are required on all flexible plastic connections.
- **Not all combinations available, contact factory with your requirements.**
- **MOST METER SETTERS ARE MADE TO ORDER AND ARE NOT RETURNABLE.**
- **Please verify with the factory that the model number you have configured is available and meets your requirements.**

720 Series

FOR 5/8", 5/8" X 3/4", 3/4", OR 1" METERS

Horizontal Style, Double Purpose Union x Double Purpose Union



5/8" Meter Size	Carton PCS/WT	Price
720-107WXDD 33	6/33	$192.63
720-109WXDD 33	6/32	$194.76
720-112WXDD 33	6/34	$200.50
720-115WXDD 33	6/42	$207.60
720-118WXDD 33	6/43	$231.67
720-121WXDD 33	6/48	$238.43
720-124WXDD 33	6/47	$245.80

5/8" x 3/4" Meter Size	Carton PCS/WT	Price
720-207WXDD 33	6/33	$196.28
720-209WXDD 33	6/34	$198.28
720-212WXDD 33	6/35	$203.86
720-215WXDD 33	6/33	$211.00
720-218WXDD 33	6/41	$235.49
720-221WXDD 33	6/42	$242.20
720-224WXDD 33	6/47	$249.60

3/4" Meter Size	Carton PCS/WT	Price
720-307WXDD 33	6/34	$228.69
720-309WXDD 33	6/37	$228.69
720-312WXDD 33	6/39	$234.60
720-315WXDD 33	6/37	$242.62
720-318WXDD 33	6/39	$278.07
720-321WXDD 33	6/42	$289.81
720-324WXDD 33	6/45	$298.37

1" Meter Size	Carton PCS/WT	Price
720-410WXDD 44	3/30	$385.49
720-412WXDD 44	3/26	$392.71
720-415WXDD 44	3/29	$401.48
720-418WXDD 44	3/33	$453.47
720-421WXDD 44	3/42	$472.36
720-424WXDD 44	3/30	$478.09

Inlet / Outlet Option Adders (Price per end):

5/8", 5/8" x 3/4", or 3/4" Meters

Option	Size	List	Size	List
C - Copper flare union	3/4"	$21.66	1"	$38.97
D - Double Purpose union (Flare or FNPT)	3/4"	N/C	1"	$10.81
F - FNPT union	1/2"	$11.23	1"	$10.10
G - "G" CTS union	3/4"	$15.47		
H - "H" CTS Handy Loc union	3/4"	$19.04		
J - C903 type union	3/4"	$42.15		
L - Less end connection	3/4"	$ -15.84		
M - MNPT union	3/4"	N/C	1"	$10.10
Q - "Q" CTS union	3/4"	$15.47		
S - Solder union	3/4"	N/C	1"	$5.24
T - "T" CTS union	3/4"	$15.47	1"	$34.76
2 - "-22" CTS union	3/4"	$15.47	1"	$34.76
3 - "-33" PEP union	3/4"	$44.65		
4 - "-44" PVC union	3/4"	$44.65		
5 - "-55" IP union	3/4"	$44.65		

1" Meters

Option	Size	List
D - Double Purpose union (Flare or FNPT)	1"	N/C
J - C903 type union	1"	$36.71
L - Less end connection	1"	$ -25.38
M - MNPT union	1"	N/C
Q - "Q" CTS union	1"	$28.08
S - Solder union	1"	N/C
T - "T" CTS union	1"	$28.08
2 - "-22" CTS union	1"	$28.08

Single Setter (with Saddle Nut)		1	2	3	4
Options - add or subtract from base setter model		5/8"	5/8" x 3/4"	3/4"	1"
Standard Ball Valve	W	$67.55	$67.55	$67.55	$135.55
Full Port Ball Valve	J	$123.36	$123.36	$123.36	$185.83
Plug Valve	L	$55.59	$55.59	$55.59	$85.23
Single Check Valve	C	$61.33	$61.33	$61.33	$73.72
Dual Check - ASSE	D	$123.48	$123.48	$123.48	$117.10
Dual Check - ASSE - Full Port	M	N/A	N/A	N/A	$214.32
Dual Check - Cascading (* adds x992 to end of model)	D*	$112.68	$112.68	$112.68	$117.11
Meter Swivel Nut	X	N/C	N/C	N/C	N/C
Additional height in 3" increments		$7.55	$7.55	$10.42	$12.10

Tandem Setter (less Saddle Nut) Change model from 720 series to 750 series		1	2	3	4
Options - add or subtract from base setter model		5/8"	5/8" x 3/4"	3/4"	1"
Standard Ball Valve	Q	$67.55	$67.55	$67.55	$135.55
Full Port Ball Valve	K	$123.36	$123.36	$123.36	$185.83
Plug Valve	G	$55.59	$55.59	$55.59	$85.23
Single Check Valve	A	$61.33	$61.33	$61.33	$73.72
Dual Check - ASSE	F	$123.48	$123.48	$123.48	$117.10
Dual Check - ASSE - Full Port	P	N/A	N/A	N/A	$214.32
Dual Check - Cascading (* adds x992 to end of model)	F*	$112.68	$112.68	$112.68	$117.11
Meter Swivel Nut	N	N/C	N/C	N/C	N/C
Tandem adder	7" - 9"	$133.04	$142.14	$172.81	-
	12"	$133.04	$142.14	$173.91	$259.54
	15"	$116.96	$126.01	$157.84	$259.54
	18" - 21"	$120.74	$129.90	$161.71	$259.54
	24" & Above	$120.74	$129.90	$161.71	$272.43

Tandem Setters or resetters include (2) 74619 connections and "S" tube with meter swivel nuts

Contact Factory for the following:

1. Handles for ball valves
2. Test cap on check valves
3. 360° turn valve cap (less check)

NOTES:

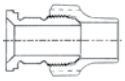
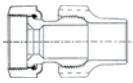
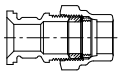
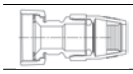
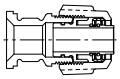
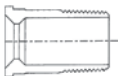
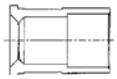
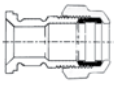
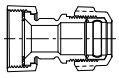
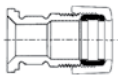
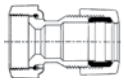
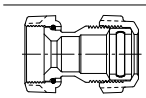
- 12" minimum height for 1" setters with dual check.
- Horizontal bracing eye, wire seal hole and lockwing are standard.
- **N/C** = No additional charge.

Union End Pieces

5/8", 5/8" x 3/4", 3/4", or 1"

(Series 720, 723, 724, 725, 726, 730, 739, 743, 750, 753, 754, 755, 756, 760, 761, 762, 763, 764, 770)

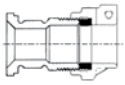
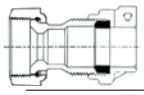
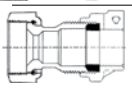
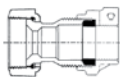
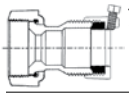
3/4" Connections

	MODEL	DESCRIPTION	LIST
	720-3C3	3/4" Flare endpiece	$ 31.48
	720-3C3ASY	3/4" Flare endpiece with union nut & gasket	$ 40.13
	720-3C4ASY	1" Flare endpiece with union nut & gasket	$ 49.25
	720-3F1	1/2" FNPT union endpiece	$ 8.68
	720-3F4ASY	1" FNPT endpiece with union nut & gasket	$ 29.63
	720-3D3	3/4" Double Purpose endpiece Flare or FNPT	$ 8.68
	720-3D3ASY	3/4" Double Purpose endpiece Flare or FNPT with union nut & gasket	$ 15.84
	720-3D4ASY	1" Double Purpose endpiece Flare or FNPT with union nut & gasket	$ 26.64
	720-3G3	3/4" "G" CTS Comp endpiece	$ 24.08
	720-3G3ASY	3/4" "G" CTS Comp endpiece with union nut & gasket	$32.79
	720-3H3ASY	3/4" "H" CTS Comp endpiece with union nut & gasket	$ 34.42
	720-3J3	3/4" C903* Comp endpiece	$ 50.75
	720-3M3	3/4" MNPT endpiece	$ 8.68
	720-3M3ASY	3/4" MNPT end piece union with nut & gasket	$ 17.31
	720-3M4	1" MNPT endpiece	$ 13.89
	720-3M4ASY	1" MNPT endpiece with union nut & gasket	$ 21.05
	720-3S3	3/4" Solder endpiece	$ 8.68
	720-3S3ASY	3/4" Solder endpiece with union nut & gasket	$17.31
	720-3S4	1" Solder endpiece	$ 13.89
	720-3S4ASY	1" Solder endpiece with union nut & gasket	$ 21.05
	720-3Q3	3/4" "Q" CTS Comp endpiece	$ 24.07
	720-3Q3ASY	3/4" "Q" CTS Comp endpiece with union nut & gasket	$ 30.84
	720-3T3	3/4" "T" CTS Comp endpiece	$ 24.07
	720-3T3ASY	3/4" "T" CTS Comp endpiece with union nut & gasket	$ 32.79
	720-3T4ASY	1" "T" CTS Comp endpiece with union nut & gasket	$ 52.06
	720-3Z3ASY	3/4" "3Q" PEP Comp endpiece with union nut & gasket	$ 53.33

OPTIONS

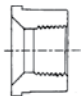
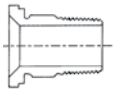
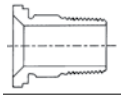
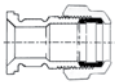
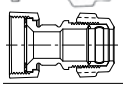
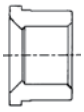
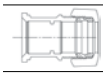
- Insert stiffeners are required on all flexible plastic connections.
- **Note:** Insetters normally supplied with end connections. The table above is for ordering replacement couplings.

Note: Connections require gasket union nut connector

	MODEL	DESCRIPTION	LIST
	720-323	3/4" "-22" CTS Comp endpiece	$ 24.07
	720-323ASY	3/4" "-22" CTS Comp endpiece with union nut & gasket	$ 32.79
	720-324ASY	1" "-22" CTS Comp endpiece with union nut & gasket	$ 52.06
	720-333ASY	3/4" "-33" PEP Comp endpiece with union nut & gasket	$ 53.33
	720-343ASY	3/4" "-44" PVC Comp endpiece with union nut & gasket	$ 53.33
	720-353ASY	3/4" "-55" IP Comp endpiece with union nut & gasket	$ 53.33
	20N3	3/4" Union nut only	$ 6.78
	20G3	3/4" Double Purpose Gasket	$ 0.38

1" Connections

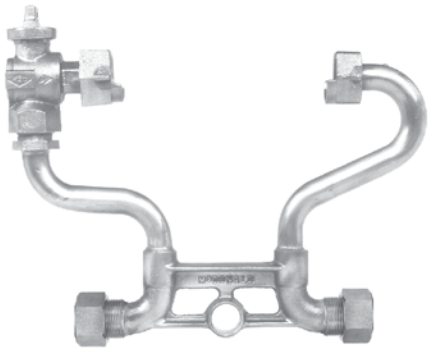
720 series only

	720-4D4	1" Double purpose endpiece flare or FNPT (also used on 5/8" x 3/4", 3/4" meter sets with 1" Double purpose connection)	$ 13.89
	720-4D4ASY	1" Double purpose endpiece flare or FNPT (also used on 5/8" x 3/4", 3/4" meter sets with 1" Double purpose connection) with union nut & gasket	$ 24.75
	720-4J4	1" C903 endpiece	$ 50.61
	720-4M4	1" MNPT endpiece	$ 13.89
	720-4M4ASY	1" MNPT endpiece nut with union & gasket	$ 24.75
	720-4M5	1 1/4" MNPT endpiece	$ 24.83
	720-4M5ASY	1 1/4" MNPT endpiece with union nut & gasket	$ 35.65
	720-4Q4	1" "Q" CTS Comp endpiece	$ 28.08
	720-4Q4ASY	1" "Q" CTS Comp endpiece with union nut & gasket	$ 39.57
	720-4S4	1" Solder endpiece	$ 13.89
	720-4S4ASY	1" Solder endpiece with union nut & gasket	$ 24.75
	720-4T4	1" "T" CTS Comp endpiece	$ 28.08
	720-424ASY	1" "-22" CTS Comp endpiece with union nut & gasket	$ 39.57
	20-4N	1" Union nut	$ 10.85
	20G4	1" Double purpose gaskets	$ 0.63

721 Series

FOR 5/8", 5/8" X 3/4", 3/4", OR 1" METERS

Horizontal Style, Integral CTS, PEP or C903 Compression Inlet/Outlet



To order 721 Series Model No. **721-207WXTT 33** above means:

721	-	2	07	WX	TT		33
Series	Style	Meter Size	Meter Height	Inlet and Outlet Valves (INLET OUTLET)	Type of connection Inlet and Outlet (INLET OUTLET)	Blank Space	Size Inlet & Outlet

Style
- – = Standard

Meter Size
- **1** = 5/8"
- **2** = 5/8" x 3/4"
- **3** = 3/4"
- **4** = 1"

18" & Taller includes Brace Support Bar

Meter Height
- **07** = 7"
- **09** = 9"
- **10** = 10" Minimum For 1" Meter
- **12** = 12"
- **15** = 15"
- **18** = 18"
- **21** = 21"
- **24** = 24"
- **27** = 27"

Additional heights available, contact factory

Inlet and Outlet Valves
- **C** = 3/4" & 1" Port Angle Single Check Valve
- **D** = 3/4" Port Angle Dual Check Valve (ASSE 1024)
- **L** = Angle Lockwing Plug Valve
- **J** = 3/4" & 1" Port Angle Lockwing Ball Valve
- **M** = 1" Port Angle Dual Check Valve (ASSE 1024)
- **W** = Standard Port Angle Lockwing Ball Valve
- **X** = Flanged Tubing with Meter Nut

For other special meter connections, contact factory.

Type of connection Inlet and Outlet

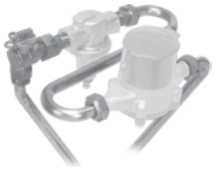
5/8", 5/8" x 3/4", 3/4" Meters
- **B** = "-3G" PEP McGrip Integral (3/4", 1", 3/4" x 1", 1" x 3/4")
- **G** = "G" CTS McGrip Integral (3/4", 1", 1 1/4", 3/4" x 1", 1" x 3/4", 1" x 1 1/4", or 1 1/4" x 1")
- **H** = "H" CTS PE Handyloc Integral (3/4", 1", 3/4" x 1", 1" x 3/4")
- **J** = C903 Integral (3/4", 1", 3/4" x 1", 1" x 3/4")
- **Q** = "Q" CTS McQuik Integral (3/4", 1", 1 1/4", 3/4" x 1", 1" x 3/4", 1" x 1 1/4", or 1 1/4" x 1")
- **T** = "T" CTS Integral (3/4", 1", 1 1/4", 3/4" x 1", 1" x 3/4", 1" x 1 1/4", or 1 1/4" x 1")
- **Y** = "-3H" PEP Handyloc Integral (3/4", 1", 3/4" x 1", 1" x 3/4")
- **Z** = "-3Q" PEP McQuik Integral (3/4", 1", 3/4" x 1", 1" x 3/4")

1" Meters
- **B** = "-3G" PEP McGrip Integral (1")
- **G** = "G" CTS McGrip Integral (1", 1" x 1 1/2", 1 1/4", 1 1/2")
- **H** = "H" CTS PE Handyloc Integral (1")
- **J** = C903 Integral (1")
- **Q** = "Q" CTS McQuik Integral (1", 1" x 1 1/2", 1 1/4", 1 1/2")
- **T** = "T" CTS Integral (1", 1" x 1 1/2", 1 1/4", 1 1/2")
- **Y** = "-3H" PEP Handyloc Integral (1")
- **Z** = "-3Q" PEP McQuik Integral (1")

Size Inlet & Outlet
- **3** = 3/4"
- **4** = 1"
- **5** = 1 1/4"
- **6** = 1 1/2"

For Tandem Series

751 Series Horizontal Tandem Setter



Example 751-207QNTT 33
Tandem setters are supplied with adapters and "S" tube. Please specify device length and threads when ordering.
12" minimum height on 1" tandem

- **A** = 3/4" & 1" Port Angle Single Check Valve
- **F** = 3/4" Port Angle Dual Check Valve (ASSE 1024)
- **G** = Angle Lockwing Plug Valve
- **K** = 3/4" & 1" Port Angle Lockwing Ball Valve
- **N** = Flanged Tubing with Meter Nut
- **P** = 1" Port Angle Dual Check Valve (ASSE 1024)
- **Q** = Standard Port Angle Lockwing Ball Valve
- **Z** = Brass Elbow

NOTE: Unless specified all tandem components have meter nuts without support lip.

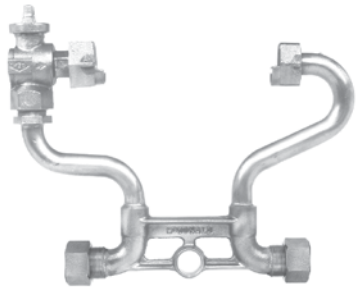
- Standard device for 5/8", 5/8" x 3/4", 3/4" = 4"- 5" Long FNPT x FNPT
- Standard device for 1" = 5"- 6" Long FNPT x FNPT

OPTIONS
- Assemblies shipped with two 1/8" EPDM rubber meter gaskets.
- Insert stiffeners are required on all flexible plastic connections.
- **Not all combinations available, contact factory with your requirements.**
- **MOST METER SETTERS ARE MADE TO ORDER AND ARE NOT RETURNABLE.**
- **Please verify with the factory that the model number you have configured is available and meets your requirements.**

721 Series

FOR 5/8", 5/8" X 3/4", 3/4", OR 1" METERS

Horizontal Style, Integral CTS, PEP or C903 Compression Inlet/Outlet



5/8" Meter Size	Carton PCS/WT	Price
721-107WXTT 33	6/24	$186.25
721-109WXTT 33	6/27	$191.91
721-112WXTT 33	6/30	$194.09
721-115WXTT 33	6/33	$201.18
721-118WXTT 33	6/39	$225.31
721-121WXTT 33	6/42	$232.05
721-124WXTT 33	6/45	$239.49

5/8" x 3/4" Meter Size	Carton PCS/WT	Price
721-207WXTT 33	6/29	$189.92
721-209WXTT 33	6/30	$191.91
721-212WXTT 33	6/30	$197.48
721-215WXTT 33	6/35	$204.62
721-218WXTT 33	6/50	$229.09
721-221WXTT 33	6/48	$235.78
721-224WXTT 33	6/49	$243.23

3/4" Meter Size	Carton PCS/WT	Price
721-307WXTT 33	6/29	$222.29
721-309WXTT 33	6/30	$222.29
721-312WXTT 33	6/30	$228.24
721-315WXTT 33	6/33	$236.20
721-318WXTT 33	6/39	$271.68
721-321WXTT 33	6/42	$283.43
721-324WXTT 33	6/51	$291.98

1" Meter Size	Carton PCS/WT	Price
721-410WXTT 44	3/26	$382.80
721-412WXTT 44	3/30	$390.00
721-415WXTT 44	3/30	$398.77
721-418WXTT 44	3/32	$450.76
721-421WXTT 44	3/38	$469.68
721-424WXTT 44	3/38	$475.39

Inlet / Outlet Option Adders (Price per end):

5/8", 5/8" x 3/4", or 3/4" Meters

Option	Size	List	Size	List	Size	List
B - "-3G" PEP Grip	3/4"	N/C	1"	$13.29		
G - "G" CTS Grip	3/4"	N/C	1"	$17.74	1 1/4"	43.05
H - "H" CTS HandyLoc	3/4"	$3.57	1"	$22.49		
J - C903 type	3/4"	$26.69	1"	$36.71		
Q - "Q" CTS	3/4"	N/C	1"	$17.73	1 1/4"	43.05
T - "T" CTS	3/4"	N/C	1"	$17.73	1 1/4"	43.05
Y - "-3H" Pep HandyLoc	3/4"	$4.77	1"	$20.46		
Z - "-3Q" PEP pipe	3/4"	N/C	1"	$13.31		

1" Meters

Option	Size	List	Size	List	Size	List
B - "-3G" PEP Grip	1"	$14.48				
G - "G" CTS Grip	1"	N/C	1 1/4"	$11.82	1 1/2"	$23.65
H - "H" CTS HandyLoc	1"	$4.77				
J - C903 type	1"	$36.71				
Q - "Q" CTS	1"	N/C	1 1/4"	$11.82	1 1/2"	$23.65
T - "T" CTS	1"	N/C	1 1/4"	$11.82	1 1/2"	$23.65
Y - "-3H" Pep HandyLoc	1"	$21.71				
Z - "-3Q" PEP pipe	1"	$14.56				

Single Setter (with Saddle Nut)		1	2	3	4
Options - add or subtract from base setter model		5/8"	5/8" x 3/4"	3/4"	1"
Standard Ball Valve	W	$67.55	$67.55	$67.55	$135.55
Full Port Ball Valve	J	$123.36	$123.36	$123.36	$185.83
Plug Valve	L	$55.59	$55.59	$55.59	$85.23
Single Check Valve	C	$61.33	$61.33	$61.33	$73.72
Dual Check - ASSE	D	$123.48	$123.48	$123.48	$117.10
Dual Check - ASSE - Full Port	M	N/A	N/A	N/A	$214.32
Dual Check - Cascading (* adds x992 to end of model)	D*	$112.68	$112.68	$112.68	$117.11
Meter Swivel Nut	X	N/C	N/C	N/C	N/C
Additional height in 3" increments		$7.55	$7.55	$10.42	$12.10

Tandem Setter (less Saddle Nut) Change model from 721 series to 751 series		1	2	3	4
Options - add or subtract from base setter model		5/8"	5/8" x 3/4"	3/4"	1"
Standard Ball Valve	Q	$67.55	$67.55	$67.55	$135.55
Full Port Ball Valve	K	$123.36	$123.36	$123.36	$185.83
Plug Valve	G	$55.59	$55.59	$55.59	$85.23
Single Check Valve	A	$61.33	$61.33	$61.33	$73.72
Dual Check - ASSE	F	$123.48	$123.48	$123.48	$117.10
Dual Check - ASSE - Full Port	P	N/A	N/A	N/A	$214.32
Dual Check - Cascading (* adds x992 to end of model)	F*	$112.68	$112.68	$112.68	$117.11
Meter Swivel Nut	N	N/C	N/C	N/C	N/C
Tandem adder	7" - 9"	$133.04	$142.14	$172.81	-
	12"	$133.04	$142.14	$173.91	$259.54
	15"	$116.96	$126.01	$157.84	$259.54
	18" - 21"	$120.74	$129.90	$161.71	$259.54
	24" & Above	$120.74	$129.90	$161.71	$272.43

Tandem Setters or resetters include (2) 74619 connections and "S" tube with meter swivel nuts

Contact Factory for the following:

1. Handles for ball valves
2. Test cap on check valves
3. 360° turn valve cap (less check)

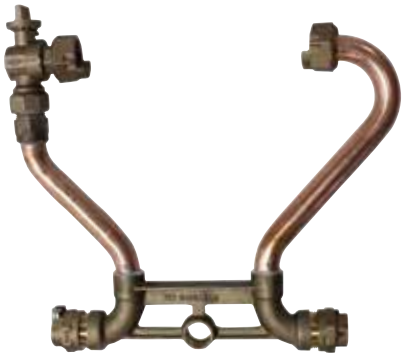
NOTES:

- 12" minimum height for 1" setters with dual check.
- Horizontal bracing eye, wire seal hole and lockwing are standard.
- **N/C** = No additional charge.

722 Series

FOR 5/8", 5/8" X 3/4", 3/4", OR 1" METERS

Horizontal Style, Integral -22 CTS, -33 PEP-7, -44 PVC, or -55 IP Compression Inlet/Outlet



To order 722 Series Model No. **722-207WX22 33** above means:

722	-	2	07	WX	22		33
Series	Style	Meter Size	Meter Height	Inlet and Outlet Valves	Type of connection Inlet and Outlet	Blank Space	Size Inlet & Outlet

Style
– = Standard

Meter Size
1 = 5/8"
2 = 5/8" x 3/4"
3 = 3/4"
4 = 1"

18" & Taller includes Brace Support Bar

Meter Height
07 = 7"
09 = 9"
10 = 10"
Minimum 1" Meter
12 = 12"
15 = 15"
18 = 18"
21 = 21"
24 = 24"
27 = 27"

Additional heights available, contact factory

Inlet and Outlet Valves
C = 3/4" & 1" Port Angle Single Check Valve
D = 3/4" Port Angle Dual Check Valve (ASSE 1024)
L = Angle Lockwing Plug Valve
J = 3/4" & 1" Port Angle Lockwing Ball Valve
M = 1" Port Angle Dual Check Valve (ASSE 1024)
W = Standard Port Angle Lockwing Ball Valve
X = Flanged Tubing with Meter Nut

For other special meter connections, contact factory.

Type of connection Inlet and Outlet

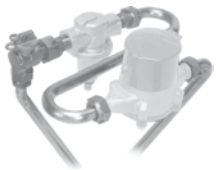
5/8", 5/8" x 3/4", 3/4" Meters
2 = -22 CTS MacPak Integral (3/4", 1", 1 1/4", 3/4" x 1", 1" x 3/4", 1" x 1 1/4", or 1 1/4" x 1")
3 = -33 PEP-7 MacPak Integral (3/4", 1", 3/4" x 1", 1" x 3/4")
4 = -44 PVC MacPak Integral (3/4", 1", 3/4" x 1", 1" x 3/4")
5 = -55 IP MacPak Integral (3/4", 1", 3/4" x 1", 1" x 3/4")

1" Meters
2 = -22 CTS MacPak Integral (3/4", 1", 1 1/4", 1 1/2")
3 = -33 PEP-7 MacPak Integral (1")
4 = -44 PVC MacPak Integral (1")
5 = -55 IP MacPak Integral (1")

Size Inlet & Outlet
3 = 3/4"
4 = 1"
5 = 1 1/4"
6 = 1 1/2"

For Tandem Series

752 Series Horizontal Tandem Setter



Example 752-207QN22 33
Tandem setters are supplied with adapters and "S" tube. Please specify device length and threads when ordering.
12" minimum height on 1" tandem

A = 3/4" & 1" Port Angle Single Check Valve
F = 3/4" Port Angle Dual Check Valve (ASSE 1024)
G = Angle Lockwing Plug Valve
K = 3/4" & 1" Port Angle Lockwing Ball Valve
N = Flanged Tubing with Meter Nut
P = 1" Port Angle Dual Check Valve (ASSE 1024)
Q = Standard Port Angle Lockwing Ball Valve
Z = Brass Elbow

NOTE: Unless specified all tandem components have meter nuts without support lip.

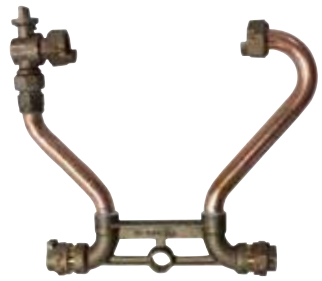
- Standard device for 5/8", 5/8" x 3/4", 3/4" = 4"- 5" Long FNPT x FNPT
- Standard device for 1" = 5"- 6" Long FNPT x FNPT

OPTIONS
- Assemblies shipped with two 1/8" EPDM rubber meter gaskets.
- Insert stiffeners are required on all flexible plastic connections.
- **Not all combinations available, contact factory with your requirements.**
- **MOST METER SETTERS ARE MADE TO ORDER AND ARE NOT RETURNABLE.**
- **Please verify with the factory that the model number you have configured is available and meets your requirements.**

722 Series

FOR 5/8", 5/8" X 3/4", 3/4", OR 1" METERS

Horizontal Style, Integral -22 CTS, -33 PEP-7, -44 PVC, or -55 IP Compression Inlet/Outlet



5/8" Meter Size	Carton PCS/WT	Price
722-107WX22 33	6/32	$186.25
722-109WX22 33	6/29	$188.35
722-112WX22 33	6/31	$194.09
722-115WX22 33	3/14	$201.18
722-118WX22 33	6/28	$225.31
722-121WX22 33	6/30	$232.05
722-124WX22 33	6/33	$239.49

5/8" x 3/4" Meter Size	Carton PCS/WT	Price
722-207WX22 33	6/30	$189.92
722-209WX22 33	6/30	$191.91
722-212WX22 33	6/30	$197.48
722-215WX22 33	6/33	$204.62
722-218WX22 33	6/36	$229.09
722-221WX22 33	6/39	$235.78
722-224WX22 33	6/42	$243.23

3/4" Meter Size	Carton PCS/WT	Price
722-307WX22 33	6/30	$222.29
722-309WX22 33	6/33	$222.29
722-312WX22 33	6/30	$228.24
722-315WX22 33	6/33	$236.20
722-318WX22 33	6/36	$271.68
722-321WX22 33	6/33	$283.43
722-324WX22 33	6/36	$291.98

1" Meter Size	Carton PCS/WT	Price
722-410WX22 44	3/28	$382.80
722-412WX22 44	3/27	$390.00
722-415WX22 44	3/28	$398.77
722-418WX22 44	3/30	$450.76
722-421WX22 44	3/32	$469.68
722-424WX22 44	3/33	$475.39

Inlet / Outlet Option Adders (Price per end):

5/8", 5/8" x 3/4", or 3/4" Meters

Option	Size	List	Size	List	Size	List
2 - "-22" CTS	3/4"	N/C	1"	$17.73	1 1/4"	$43.05
3 - "-33" PEP	3/4"	N/C	1"	$13.31		
4 - "-44" PVC	3/4"	N/C	1"	$13.31		
5 - "-55" IP	3/4"	N/C	1"	$13.31		

1" Meters

Option	Size	List	Size	List	Size	List
2 - "-22" CTS	1"	N/C	1 1/4"	$11.82	1 1/2"	$23.65
3 - "-33" PEP	1"	$14.56				
4 - "-44" PVC	1"	$14.56				
5 - "-55" IP	1"	$14.56				

Single Setter (with Saddle Nut)		1	2	3	4
Options - add or subtract from base setter model		5/8"	5/8" x 3/4"	3/4"	1"
Standard Ball Valve	W	$67.55	$67.55	$67.55	$135.55
Full Port Ball Valve	J	$123.36	$123.36	$123.36	$185.83
Plug Valve	L	$55.59	$55.59	$55.59	$85.23
Single Check Valve	C	$61.33	$61.33	$61.33	$73.72
Dual Check - ASSE	D	$123.48	$123.48	$123.48	$117.10
Dual Check - ASSE - Full Port	M	N/A	N/A	N/A	$214.32
Dual Check - Cascading (* adds x992 to end of model)	D*	$112.68	$112.68	$112.68	$117.11
Meter Swivel Nut	X	N/C	N/C	N/C	N/C
Additional height in 3" increments		$7.55	$7.55	$10.42	$12.10

Tandem Setter (less Saddle Nut) Change model from 722 series to 752 series		1	2	3	4
Options - add or subtract from base setter model		5/8"	5/8" x 3/4"	3/4"	1"
Standard Ball Valve	Q	$67.55	$67.55	$67.55	$135.55
Full Port Ball Valve	K	$123.36	$123.36	$123.36	$185.83
Plug Valve	G	$55.59	$55.59	$55.59	$85.23
Single Check Valve	A	$61.33	$61.33	$61.33	$73.72
Dual Check - ASSE	F	$123.48	$123.48	$123.48	$117.10
Dual Check - ASSE - Full Port	P	N/A	N/A	N/A	$214.32
Dual Check - Cascading (* adds x992 to end of model)	F*	$112.68	$112.68	$112.68	$117.11
Meter Swivel Nut	N	N/C	N/C	N/C	N/C
Tandem adder	7" - 9"	$133.04	$142.14	$172.81	-
	12"	$133.04	$142.14	$173.91	$259.54
	15"	$116.96	$126.01	$157.84	$259.54
	18" - 21"	$120.74	$129.90	$161.71	$259.54
	24" & Above	$120.74	$129.90	$161.71	$272.43

Tandem Setters or resetters include (2) 74619 connections and "S" tube with meter swivel nuts

Contact Factory for the following:

1. Handles for ball valves
2. Test cap on check valves
3. 360º turn valve cap (less check)

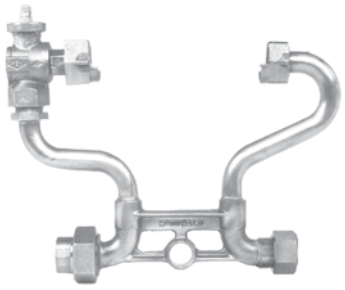
NOTES:

- 12" minimum height for 1" setters with dual check.
- Horizontal bracing eye, wire seal hole and lockwing are standard.
- **N/C** = No additional charge.

723 Series

FOR 5/8", 5/8" X 3/4", 3/4", OR 1" METERS

Horizontal Style, Dual Purpose Union Inlet x Integral CTS Outlet



To order 723 Series Model No. **723-207WXDT 33** above means:

723	-	2	07	WX	DT		33
Series	Style	Meter Size	Meter Height	Inlet and Outlet Valves	Type of connection Inlet and Outlet	Blank Space	Size Inlet & Outlet

Style
- = Standard

Meter Size
- **1** = 5/8"
- **2** = 5/8" x 3/4"
- **3** = 3/4"
- **4** = 1"

Meter Height
- **07** = 7"
- **09** = 9"
- **10** = 10"

Standard 1" Meter
- **12** = 12"
- **15** = 15"
- **18** = 18"
- **21** = 21"
- **24** = 24"
- **27** = 27"

Additional heights available, contact factory

18" & Taller includes Brace Support Bar

Inlet and Outlet Valves
- **C** = 3/4" & 1" Port Angle Single Check Valve
- **D** = 3/4" Port Angle Dual Check Valve (ASSE 1024)
- **L** = Angle Lockwing Plug Valve
- **J** = 3/4" & 1" Port Angle Lockwing Ball Valve
- **M** = 1" Port Angle Dual Check Valve (ASSE 1024)
- **W** = Standard Port Angle Lockwing Ball Valve
- **X** = Flanged Tubing with Meter Nut

For other special meter connections, contact factory.

Size Inlet & Outlet
- **1** = 1/2"
- **3** = 3/4"
- **4** = 1"
- **5** = 1 1/4"
- **6** = 1 1/2"

5/8", 5/8" x 3/4", 3/4" Meters

Inlet Connections
- **C** = Copper Flare Union (3/4" or 1")
- **D** = Double Purpose Union (Flare or FNPT) (3/4")
- **F** = FNPT Union (1/2" or 1")
- **G** = "G" CTS McGrip Union (3/4")
- **H** = "H" CTS HandyLoc Union (3/4")
- **J** = C903 Union (3/4")
- **L** = Less Double Purpose Nut, Connection & Gasket (3/4")
- **M** = MNPT Union (3/4", 1")
- **Q** = "Q" CTS McQuik Union (3/4")
- **S** = Solder Union (3/4" or 1")
- **T** = "T" CTS Union (3/4" or 1")
- **2** = "-22" CTS MacPak Union (3/4" or 1")
- **3** = "-33" PEP MacPak Union (3/4")
- **4** = "-44" PVC MacPak Union (3/4")
- **5** = "-55" IP MacPak Union (3/4")

Outlet Connections
- **B** = "-3G" PEP McGrip Integral (3/4", 1")
- **G** = "G" CTS McGrip Integral (3/4", 1", 1 1/4")
- **H** = "H" CTS PE Handyloc Integral (3/4", 1")
- **J** = C903 Integral (3/4", 1")
- **Q** = "Q" CTS McQuik Integral (3/4", 1", 1 1/4")
- **T** = "T" CTS Integral (3/4", 1", 1 1/4")
- **Y** = "-3H" PEP Handyloc Integral (3/4", 1")
- **Z** = "-3Q" PEP McQuik Integral (3/4", 1")

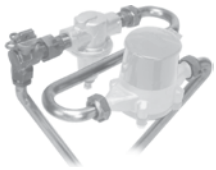
1" Meters

Inlet Connections
- **D** = Double Purpose Union (Flare or FNPT) (1")
- **J** = C903 Compression Union (1")
- **L** = Less Double Purpose Nut, Connection & Gasket (1")
- **M** = MNPT Union (1" or 1 1/4")
- **Q** = "Q" CTS McQuik Union (1")
- **S** = Solder Union (1")
- **T** = "T" CTS Union (1")
- **2** = "-22" CTS MacPak Union (1")

Outlet Connections
- **B** = "-3G" PEP McGrip Integral (1")
- **G** = "G" CTS McGrip Integral (1", 1 1/4")
- **H** = "H" CTS PE Handyloc Integral (1")
- **J** = C903 Integral (1")
- **Q** = "Q" CTS McQuik Integral (1", 1 1/4")
- **T** = "T" CTS Integral (1", 1 1/4")
- **Y** = -3H PEP Handyloc Integral (1")
- **Z** = -3Q PEP McQuik Integral (1")

For Tandem Series

753 Series Horizontal Tandem Setter



Example 753-207QNDT 33
Tandem setters are supplied with adapters and "S" tube. Please specify device length and threads when ordering.
12" minimum height on 1" tandem

- **A** = 3/4" & 1" Port Angle Single Check Valve
- **F** = 3/4" Port Angle Dual Check Valve (ASSE 1024)
- **G** = Angle Lockwing Plug Valve
- **K** = 3/4" & 1" Port Angle Lockwing Ball Valve
- **N** = Flanged Tubing with Meter Nut
- **P** = 1" Port Angle Dual Check Valve (ASSE 1024)
- **Q** = Standard Port Angle Lockwing Ball Valve
- **Z** = Brass Elbow

NOTE: Unless specified all tandem components have meter nuts without support lip.

- Standard device for 5/8", 5/8" x 3/4", 3/4" = 4"- 5" Long FNPT x FNPT
- Standard device for 1" = 5"- 6" Long FNPT x FNPT

OPTIONS
- Assemblies shipped with two 1/8" EPDM rubber meter gaskets.
- Insert stiffeners are required on all flexible plastic connections.
- **Not all combinations available, contact factory with your requirements.**
- **MOST METER SETTERS ARE MADE TO ORDER AND ARE NOT RETURNABLE.**
- **Please verify with the factory that the model number you have configured is available and meets your requirements.**

723 Series

FOR 5/8", 5/8" X 3/4", 3/4", OR 1" METERS

Horizontal Style, Dual Purpose Union Inlet x Integral CTS Outlet



5/8" Meter Size	Carton PCS/WT	Price
723-107WXDT 33	6/27	$189.43
723-109WXDT 33	6/30	$191.53
723-112WXDT 33	6/33	$197.24
723-115WXDT 33	6/36	$204.34
723-118WXDT 33	6/42	$228.46
723-121WXDT 33	6/45	$235.19
723-124WXDT 33	6/48	$242.62

5/8" x 3/4" Meter Size	Carton PCS/WT	Price
723-207WXDT 33	6/27	$193.08
723-209WXDT 33	6/30	$195.02
723-212WXDT 33	6/33	$200.60
723-215WXDT 33	6/36	$207.79
723-218WXDT 33	6/42	$232.22
723-221WXDT 33	6/45	$238.97
723-224WXDT 33	6/48	$246.37

3/4" Meter Size	Carton PCS/WT	Price
723-307WXDT 33	6/27	$225.45
723-309WXDT 33	6/30	$225.45
723-312WXDT 33	6/33	$231.37
723-315WXDT 33	6/36	$239.37
723-318WXDT 33	6/42	$274.80
723-321WXDT 33	6/45	$286.87
723-324WXDT 33	6/48	$295.15

1" Meter Size	Carton PCS/WT	Price
723-410WXDT 44	3/24	$401.17
723-412WXDT 44	3/26	$415.07
723-415WXDT 44	3/27	$418.26
723-418WXDT 44	3/30	$470.29
723-421WXDT 44	3/32	$489.16
723-424WXDT 44	3/33	$494.91

Inlet Option Adders (Price per end):

5/8", 5/8" x 3/4", or 3/4" Meters

Option	Size	List	Size	List
C - Copper flare union	3/4"	$21.66	1"	$38.97
D - Double Purpose union (Flare or FNPT)	3/4"	N/C		
F - FNPT union	1/2"	$11.23	1"	$10.10
G - "G" CTS union	3/4"	$15.47		
H - "H" CTS HandyLoc union	3/4"	$19.04		
J - C903 type union	3/4"	$42.15		
L - Less end connection	3/4"	$-15.84		
M - MNPT union	3/4"	N/C	1"	$10.10
Q - "Q" CTS union	3/4"	$15.47		
S - Solder union	3/4"	N/C	1"	$5.24
T - "T" CTS union	3/4"	$15.47	1"	$34.76
2 - "-22" CTS union	3/4"	$15.47	1"	$34.76
3 - "-33" PEP union	3/4"	$44.65		
4 - "-44" PVC union	3/4"	$44.65		
5 - "-55" IP union	3/4"	$44.65		

1" Meters

Option	Size	List
D - Double Purpose Union (Flare or FNPT)	1"	N/C
J - C903 type union	1"	$36.71
L - Less end connection	1"	$-23.28
M - MNPT union	1"	N/C
Q - "Q" CTS union	1"	$25.76
S - Solder union	1"	N/C
T - "T" CTS union	1"	$25.76
2 - "-22" CTS union	1"	$25.76

Outlet Option Adders (Price per end):

5/8", 5/8" x 3/4", or 3/4" Meters

Option	Size	List	Size	List	Size	List
B - "-3G" PEP Grip	3/4"	N/C	1"	$13.29		
G - "G" CTS Grip	3/4"	N/C	1"	$17.74	1 1/4"	$43.05
H - "H" CTS HandyLoc	3/4"	$3.57	1"	$22.49		
J - C903 type	3/4"	$26.69	1"	$36.71		
Q - "Q" CTS	3/4"	N/C	1"	$17.73	1 1/4"	$43.05
T - "T" CTS	3/4"	N/C	1"	$17.73	1 1/4"	$43.05
Y - "-3H" Pep HandyLoc	3/4"	$4.77	1"	$20.46		
Z - "-3Q" PEP pipe	3/4"	N/C	1"	$13.31		

1" Meters

Option	Size	List	Size	List
B - "-3G" PEP Grip	1"	$13.29		
G - "G" CTS Grip	1"	N/C	1 1/4"	$10.84
H - "H" CTS HandyLoc	1"	$4.37		
J - C903 type	1"	$33.69		
Q - "Q" CTS	1"	N/C	1 1/4"	$10.84
T - "T" CTS	1"	N/C	1 1/4"	$10.84
Y - "-3H" Pep HandyLoc	1"	$19.91		
Z - "-3Q" PEP pipe	1"	$13.36		

Contact Factory for the following:

1. Handles for ball valves
2. Test cap on check valves
3. 360° turn valve cap (less check)

NOTES:
- 12" minimum height for 1" setters with dual check.
- Horizontal bracing eye, wire seal hole and lockwing are standard.
- **N/C** = No additional charge.

Single Setter (with Saddle Nut)		1	2	3	4
Options - add or subtract from base setter model		**5/8"**	**5/8" x 3/4"**	**3/4"**	**1"**
Standard Ball Valve	**W**	$67.55	$67.55	$67.55	$135.55
Full Port Ball Valve	**J**	$123.36	$123.36	$123.36	$185.83
Plug Valve	**L**	$55.59	$55.59	$55.59	$85.23
Single Check Valve	**C**	$61.33	$61.33	$61.33	$73.72
Dual Check - ASSE	**D**	$123.48	$123.48	$123.48	$117.10
Dual Check - ASSE - Full Port	**M**	N/A	N/A	N/A	$214.32
Dual Check - Cascading (* adds x992 to end of model)	**D***	$112.68	$112.68	$112.68	$117.11
Meter Swivel Nut	**X**	N/C	N/C	N/C	N/C
Additional height in 3" increments		$7.55	$7.55	$10.42	$12.10

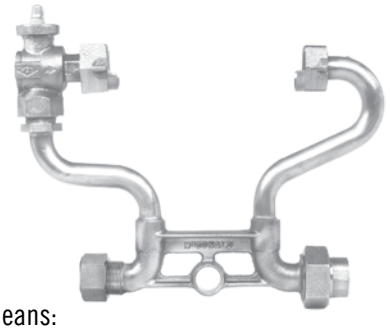
Tandem Setter (less Saddle Nut) Change model from 723 series to 753 series		1	2	3	4
Options - add or subtract from base setter model		**5/8"**	**5/8" x 3/4"**	**3/4"**	**1"**
Standard Ball Valve	**Q**	$67.55	$67.55	$67.55	$135.55
Full Port Ball Valve	**K**	$123.36	$123.36	$123.36	$185.83
Plug Valve	**G**	$55.59	$55.59	$55.59	$85.23
Single Check Valve	**A**	$61.33	$61.33	$61.33	$73.72
Dual Check - ASSE	**F**	$123.48	$123.48	$123.48	$117.10
Dual Check - ASSE - Full Port	**P**	N/A	N/A	N/A	$214.32
Dual Check - Cascading (* adds x992 to end of model)	**F***	$112.68	$112.68	$112.68	$117.11
Meter Swivel Nut	**N**	N/C	N/C	N/C	N/C
Tandem adder	**7" - 9"**	$133.04	$142.14	$172.81	-
	12"	$133.04	$142.14	$173.91	$259.54
	15"	$116.96	$126.01	$157.84	$259.54
	18" - 21"	$120.74	$129.90	$161.71	$259.54
	24" & Above	$120.74	$129.90	$161.71	$272.43

Tandem Setters or resetters include (2) 74619 connections and "S" tube with meter swivel nuts

724 Series

FOR 5/8", 5/8" X 3/4", 3/4", OR 1" METERS

Horizontal Style, Integral CTS, PEP, or C903 Compression - Inlet x Dual Purpose Union Outlet



To order 724 Series Model No. **724-207WXTD 33** above means:

724	-	2	07	WX	TD		33
Series	Style	Meter Size	Meter Height	Inlet and Outlet Valves	Type of connection Inlet and Outlet	Blank Space	Size Inlet & Outlet

Style
- = Standard

Meter Size
- **1** = 5/8"
- **2** = 5/8" x 3/4"
- **3** = 3/4"
- **4** = 1"

18" & Taller includes Brace Support Bar

Meter Height
- **07** = 7"
- **09** = 9"
- **10** = 10"

Standard 1" Meter
- **12** = 12"
- **15** = 15"
- **18** = 18"
- **21** = 21"
- **24** = 24"
- **27** = 27"

Additional heights available, contact factory

Inlet and Outlet Valves
- **C** = 3/4" & 1" Port Angle Single Check Valve
- **D** = 3/4" Port Angle Dual Check Valve (ASSE 1024)
- **L** = Angle Lockwing Plug Valve
- **J** = 3/4" & 1" Port Angle Lockwing Ball Valve
- **M** = 1" Port Angle Dual Check Valve (ASSE 1024)
- **W** = Standard Port Angle Lockwing Ball Valve
- **X** = Flanged Tubing with Meter Nut

For other special meter connections, contact factory.

Type of connection Inlet and Outlet

5/8", 5/8" x 3/4", 3/4" Meters

Inlet Connections
- **B** = "-3G" PEP McGrip Integral (3/4", 1")
- **G** = "G" CTS McGrip Integral (3/4", 1", 1 1/4")
- **H** = "H" CTS PE Handyloc Integral (3/4", 1")
- **J** = C903 Integral (3/4", 1")
- **Q** = "Q" CTS McQuik Integral (3/4", 1", 1 1/4")
- **T** = "T" CTS Integral (3/4", 1", 1 1/4")
- **Y** = "-3H" PEP Handyloc Integral (3/4", 1")
- **Z** = "-3Q" PEP McQuik Integral (3/4", 1")

Outlet Connections
- **C** = Copper Flare Union (3/4" or 1")
- **D** = Double Purpose Union (Flare or FNPT) (3/4")
- **F** = FNPT Union (1/2" or 1")
- **G** = "G" CTS McGrip Union (3/4")
- **H** = "H" CTS HandyLoc Union (3/4")
- **J** = C903 Union (3/4")
- **L** = Less Double Purpose Nut, Connection & Gasket
- **M** = MNPT Union (3/4", 1")
- **Q** = "Q" CTS McQuik Union (3/4")
- **S** = Solder Union (3/4" or 1")
- **T** = "T" CTS Union (3/4" or 1")
- **2** = "-22" CTS MacPak Union (3/4" or 1")
- **3** = "-33" PEP MacPak Union (3/4")
- **4** = "-44" PVC MacPak Union (3/4")
- **5** = "-55" IP MacPak Union (3/4")

1" Meters

Inlet Connections
- **B** = "-3G" PEP McGrip Integral (1")
- **G** = "G" CTS McGrip Integral (1", 1 1/4")
- **H** = "H" CTS PE Handyloc Integral (1")
- **J** = C903 Integral (1")
- **Q** = "Q" CTS McQuik Integral (1", 1 1/4")
- **T** = "T" CTS Integral (1", 1 1/4")
- **Y** = "-3H" PEP Handyloc Integral (1")
- **Z** = "-3Q" PEP McQuik Integral (1")

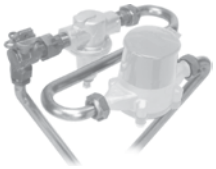
Outlet Connections
- **D** = Double Purpose Union (Flare or FNPT) (1")
- **J** = C903 Union (1")
- **L** = Less Double Purpose Nut, Connection & Gasket
- **M** = MNPT Union (1" or 1 1/4")
- **Q** = "Q" CTS McQuik Union (1")
- **S** = Solder Union (1")
- **T** = "T" CTS Union (1")
- **2** = -22 CTS MacPak Union (1")

Inlet and Outlet

Size Inlet & Outlet
- **1** = 1/2"
- **3** = 3/4"
- **4** = 1"
- **5** = 1 1/4"

For Tandem Series

754 Series Horizontal Tandem Setter



Example 754-207QNTD 33
Tandem setters are supplied with adapters and "S" tube. Please specify device length and threads when ordering.
12" minimum height on 1" tandem

- **A** = 3/4" & 1" Port Angle Single Check Valve
- **F** = 3/4" Port Angle Dual Check Valve (ASSE 1024)
- **G** = Angle Lockwing Plug Valve
- **K** = 3/4" & 1" Port Angle Lockwing Ball Valve
- **N** = Flanged Tubing with Meter Nut
- **P** = 1" Port Angle Dual Check Valve (ASSE 1024)
- **Q** = Standard Port Angle Lockwing Ball Valve
- **Z** = Brass Elbow

NOTE: Unless specified all tandem components have meter nuts without support lip.

- Standard device for 5/8", 5/8" x 3/4", 3/4" = 4"- 5" Long FNPT x FNPT
- Standard device for 1" = 5"- 6" Long FNPT x FNPT

OPTIONS
- Assemblies shipped with two 1/8" EPDM rubber meter gaskets.
- Insert stiffeners are required on all flexible plastic connections.
- **Not all combinations available, contact factory with your requirements.**
- **MOST METER SETTERS ARE MADE TO ORDER AND ARE NOT RETURNABLE.**
- **Please verify with the factory that the model number you have configured is avail able and meets your requirements.**

724 Series

FOR 5/8”, 5/8” X 3/4”, 3/4”, OR 1” METERS

Horizontal Style, Integral CTS, PEP, or C903 Compression - Inlet x Dual Purpose Union Outlet



5/8" Meter Size	Carton PCS/WT	Price
724-107WXTD 33	6/30	$189.43
724-109WXTD 33	6/33	$191.53
724-112WXTD 33	6/36	$197.24
724-115WXTD 33	6/39	$204.34
724-118WXTD 33	6/45	$228.46
724-121WXTD 33	6/48	$235.19
724-124WXTD 33	6/51	$242.62

5/8" x 3/4" Meter Size	Carton PCS/WT	Price
724-207WXTD 33	6/33	$193.08
724-209WXTD 33	6/27	$195.02
724-212WXTD 33	6/36	$167.81
724-215WXTD 33	6/39	$207.79
724-218WXTD 33	6/45	$232.22
724-221WXTD 33	6/48	$238.97
724-224WXTD 33	6/51	$246.37

3/4" Meter Size	Carton PCS/WT	Price
724-307WXTD 33	6/30	$225.45
724-309WXTD 33	6/33	$225.45
724-312WXTD 33	6/36	$231.37
724-315WXTD 33	6/39	$239.37
724-318WXTD 33	6/45	$274.80
724-321WXTD 33	6/48	$286.87
724-324WXTD 33	6/51	$295.15

1" Meter Size	Carton PCS/WT	Price
724-410WXTD 44	3/30	$401.17
724-412WXTD 44	3/30	$409.49
724-415WXTD 44	3/29	$418.28
724-418WXTD 44	3/32	$470.29
724-421WXTD 44	3/39	$489.14
724-424WXTD 44	3/42	$494.91

Inlet Option Adders (Price per end):

5/8", 5/8" x 3/4", or 3/4" Meters

Option	Size	List	Size	List	Size	List
B - “-3G” PEP Grip	3/4"	N/C	1"	$13.29		
G - “G” CTS Grip	3/4"	N/C	1"	$17.74	1 1/4”	$43.05
H - “H” CTS HandyLoc	3/4”	$3.57	1”	$22.49		
J - C903 type	3/4"	$26.69	1"	$36.71		
Q - "Q" CTS	3/4"	N/C	1"	$17.73	1 1/4"	$43.05
T - "T" CTS	3/4"	N/C	1"	$17.73	1 1/4"	$43.05
Y - “-3H” Pep HandyLoc	3/4”	$4.77	1”	$20.46		
Z - "-3Q" PEP pipe	3/4"	N/C	1"	$13.31		

1" Meters

Option	Size	List	Size	List
B - “-3G” PEP Grip	1”	$13.29		
G - “G” CTS Grip	1”	N/C	1 1/4"	$10.84
H - “H” CTS HandyLoc	1”	$4.37		
J - C903 type	1"	$33.69		
Q - "Q" CTS	1"	N/C	1 1/4”	$10.84
T - "T" CTS	1"	N/C	1 1/4"	$10.84
Y - “-3H” Pep HandyLoc	1”	$19.91		
Z - "-3Q" PEP pipe	1"	$13.36		

Outlet Option Adders (Price per end):

5/8", 5/8" x 3/4", or 3/4" Meters

Option	Size	List	Size	List
C - Copper flare union	3/4"	$21.66	1"	$38.97
D - Double Purpose Union (Flare or FNPT)	3/4"	N/C		
F - FNPT union	1/2”	$11.23	1”	$10.10
G - “G” CTS union	3/4”	$15.47		
H - “H” CTS HandyLoc union	3/4”	$19.04		
J - C903 type union	3/4"	$42.15		
L - Less end connection	3/4”	$-15.84		
M - MNPT union	3/4”	N/C	1”	$10.10
Q - "Q" CTS union	3/4"	$15.47		
S - Solder union	3/4”	N/C	1”	$5.24
T - "T" CTS union	3/4"	$15.47	1”	$34.76
2 - "-22" CTS union	3/4"	$15.47	1"	$34.76
3 - "-33" PEP union	3/4"	$44.65		
4 - "-44" PVC union	3/4"	$44.65		
5 - "-55" IP union	3/4"	$44.65		

1" Meters

Option	Size	List
D - Double Purpose Union (Flare or FNPT)	1"	N/C
J - C903 type union	1”	$36.71
L - Less end connection	1”	$(-23.28)
M - MNPT union	1"	N/C
Q - “Q” CTS union	1”	$25.76
S - Solder union	1”	N/C
T - “T” CTS union	1”	$25.76
2 - “-22” CTS union	1”	$25.76

Single Setter (with Saddle Nut)

Options - add or subtract from base setter model		1 5/8”	2 5/8” x 3/4”	3 3/4”	4 1”
Standard Ball Valve	W	$67.55	$67.55	$67.55	$135.55
Full Port Ball Valve	J	$123.36	$123.36	$123.36	$185.83
Plug Valve	L	$55.59	$55.59	$55.59	$85.23
Single Check Valve	C	$61.33	$61.33	$61.33	$73.72
Dual Check - ASSE	D	$123.48	$123.48	$123.48	$117.10
Dual Check - ASSE - Full Port	M	N/A	N/A	N/A	$214.32
Dual Check - Cascading (* adds x992 to end of model)	D*	$112.68	$112.68	$112.68	$117.11
Meter Swivel Nut	X	N/C	N/C	N/C	N/C
Additional height in 3” increments		$7.55	$7.55	$10.42	$12.10

Tandem Setter (less Saddle Nut)
Change model from 724 series to 754 series

Options - add or subtract from base setter model		1 5/8”	2 5/8” x 3/4”	3 3/4”	4 1”
Standard Ball Valve	Q	$67.55	$67.55	$67.55	$135.55
Full Port Ball Valve	K	$123.36	$123.36	$123.36	$185.83
Plug Valve	G	$55.59	$55.59	$55.59	$85.23
Single Check Valve	A	$61.33	$61.33	$61.33	$73.72
Dual Check - ASSE	F	$123.48	$123.48	$123.48	$117.10
Dual Check - ASSE - Full Port	P	N/A	N/A	N/A	$214.32
Dual Check - Cascading (* adds x992 to end of model)	F*	$112.68	$112.68	$112.68	$117.11
Meter Swivel Nut	N	N/C	N/C	N/C	N/C
Tandem adder	7” - 9”	$133.04	$142.14	$172.81	-
	12”	$133.04	$142.14	$173.91	$259.54
	15”	$116.96	$126.01	$157.84	$259.54
	18” - 21”	$120.74	$129.90	$161.71	$259.54
	24” & Above	$120.74	$129.90	$161.71	$272.43

Tandem Setters or resetters include (2) 74619 connections and “S” tube with meter swivel nuts

Contact Factory for the following:

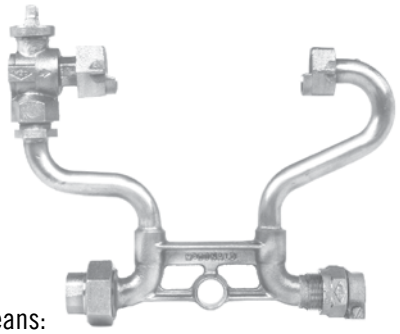
1. Handles for ball valves
2. Test cap on check valves
3. 360° turn valve cap (less check)

NOTES:
- 12" minimum height for 1" setters with dual check.
- Horizontal bracing eye, wire seal hole and lockwing are standard.
- **N/C** = No additional charge.

725 Series

FOR 5/8", 5/8" X 3/4", 3/4", OR 1" METERS

Horizontal Style, Dual Purpose Union Inlet x Integral CTS, PEP, or IP Compression -22, -33, -44, -55 Outlet



To order 725 Series Model No. **725-207WXD2 33** above means:

725	-	2	07	WX (Inlet / Outlet)	D2 (Inlet / Outlet)		33
Series	Style	Meter Size	Meter Height	Inlet and Outlet Valves	Type of connection Inlet and Outlet	Blank Space	Size Inlet & Outlet

Style
- – = Standard

Meter Size
- **1** = 5/8"
- **2** = 5/8" x 3/4"
- **3** = 3/4"
- **4** = 1"

18" & Taller includes Brace Support Bar

Meter Height
- **07** = 7"
- **09** = 9"
- **10** = 10"

Standard 1" Meter
- **12** = 12"
- **15** = 15"
- **18** = 18"
- **21** = 21"
- **24** = 24"
- **27** = 27"

Additional heights available, contact factory

Inlet and Outlet Valves
- **C** = 3/4" & 1" Port Angle Single Check Valve
- **D** = 3/4" Port Angle Dual Check Valve (ASSE 1024)
- **L** = Angle Lockwing Plug Valve
- **J** = 3/4" & 1" Port Angle Lockwing Ball Valve
- **M** = 1" Port Angle Dual Check Valve (ASSE 1024)
- **W** = Standard Port Angle Lockwing Ball Valve
- **X** = Flanged Tubing with Meter Nut

For other special meter connections, contact factory.

Type of connection Inlet and Outlet

5/8", 5/8" x 3/4", 3/4" Meters

Inlet Connections
- **C** = Copper Flare Union (3/4")
- **D** = Double Purpose Union (Flare or FNPT) (3/4")
- **F** = FNPT Union (1/2" or 1")
- **G** = "G" CTS McGrip Union (3/4")
- **H** = "H" CTS HandyLoc Union (3/4")
- **J** = C903 Union (3/4")
- **L** = Less Double Purpose Nut, Connection & Gasket
- **M** = MNPT Union (3/4", 1")
- **Q** = "Q" CTS McQuik Union (3/4")
- **S** = Solder Union (3/4" or 1")
- **T** = "T" CTS Union (3/4" or 1")
- **2** = -22 CTS MacPak Union (3/4" or 1")
- **3** = -33 PEP-7 MacPak Union (3/4")
- **4** = -44 PVC MacPak Union (3/4")
- **5** = -55 IP MacPak Union (3/4")

Outlet Connections
- **2** = "-22" CTS MacPak Integral (3/4", 1", 1 1/4",1" x 1 1/4" or 1 1/4" x 1")
- **3** = "-33" PEP MacPak Integral (3/4", 1")
- **4** = "-44" PVC MacPak Integral (3/4", 1")
- **5** = "-55" IP MacPak Integral (3/4", 1")

1" Meters

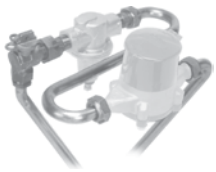
Inlet Connections
- **D** = Double Purpose Union (Flare or FNPT) (1")
- **J** = C903 Union (1")
- **L** = Less Double Purpose Nut, Connection & Gasket
- **M** = MNPT Union (1" or 1 1/4")
- **Q** = "Q" CTS McQuik Union (1")
- **S** = Solder Union (1")
- **T** = "T" CTS Union (1")
- **2** = "-22" CTS MacPak Union (1")

Outlet Connections
- **2** = "-22" CTS MacPak Integral (1", 1 1/4")
- **3** = "-33" PEP MacPak Integral (1")
- **4** = "-44" PVC MacPak Integral (1")
- **5** = "-55" IP MacPak Integral (1")

Size Inlet & Outlet
- **1** = 1/2"
- **3** = 3/4"
- **4** = 1"
- **5** = 1 1/4"

For Tandem Series

755 Series Horizontal Tandem Setter



Example 755-207QND2 33
Tandem setters are supplied with adapters and "S" tube. Please specify device length and threads when ordering.
12" minimum height on 1" tandem

- Standard device for 5/8", 5/8" x 3/4", 3/4" = 4"- 5" Long FNPT x FNPT
- Standard device for 1" = 5"- 6" Long FNPT x FNPT

- **A** = 3/4" & 1" Port Angle Single Check Valve
- **F** = 3/4" Port Angle Dual Check Valve (ASSE 1024)
- **G** = Angle Lockwing Plug Valve
- **K** = 3/4" & 1" Port Angle Lockwing Ball Valve
- **N** = Flanged Tubing with Meter Nut
- **P** = 1" Port Angle Dual Check Valve (ASSE 1024)
- **Q** = Standard Port Angle Lockwing Ball Valve
- **Z** = Brass Elbow

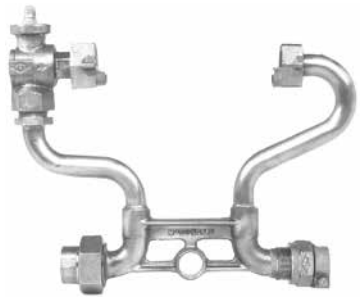
NOTE: Unless specified all tandem components have meter nuts without support lip.

OPTIONS
- Assemblies shipped with two 1/8" EPDM rubber meter gaskets.
- Insert stiffeners are required on all flexible plastic connections.
- **Not all combinations available, contact factory with your requirements.**
- **MOST METER SETTERS ARE MADE TO ORDER AND ARE NOT RETURNABLE.**
- **Please verify with the factory that the model number you have configured is available and meets your requirements.**

725 Series

FOR 5/8”, 5/8” X 3/4”, 3/4”, OR 1” METERS

Horizontal Style, Dual Purpose Union Inlet x Integral CTS, PEP, or IP Compression -22, -33, -44, -55 Outlet



5/8" Meter Size	Carton PCS/WT	Price
725-107WXD2 33		$189.43
725-109WXD2 33		$191.53
725-112WXD2 33		$197.24
725-115WXD2 33		$204.34
725-118WXD2 33		$228.46
725-121WXD2 33		$235.19
725-124WXD2 33		$242.62

5/8" x 3/4" Meter Size	Carton PCS/WT	Price
725-207WXD2 33	6/27	$193.08
725-209WXD2 33		$195.02
725-212WXD2 33		$200.60
725-215WXD2 33	6/30	$207.79
725-218WXD2 33		$232.22
725-221WXD2 33		$238.97
725-224WXD2 33		$246.35

3/4" Meter Size	Carton PCS/WT	Price
725-307WXD2 33		$225.45
725-309WXD2 33		$225.45
725-312WXD2 33		$231.37
725-315WXD2 33		$239.37
725-318WXD2 33		$274.80
725-321WXD2 33		$286.87
725-324WXD2 33		$295.15

1" Meter Size	Carton PCS/WT	Price
725-410WXD2 44		$401.17
725-412WXD2 44	3/36	$409.49
725-415WXD2 44		$418.26
725-418WXD2 44		$470.29
725-421WXD2 44		$489.16
725-424WXD2 44		$494.91

Inlet Option Adders (Price per end):

5/8", 5/8" x 3/4", or 3/4" Meters

Option	Size	List	Size	List
C - Copper flare union	3/4"	$21.66	1"	$38.97
D - Double Purpose Union (Flare or FNPT)	3/4"	N/C		
F - FNPT union	1/2”	$11.23	1”	$10.10
G - “G” CTS union	3/4”	$15.47		
H - “H” CTS HandyLoc union	3/4”	$19.04		
J - C903 type union	3/4"	$42.15		
L - Less end connection	3/4”	$-15.84		
M - MNPT union	3/4”	N/C	1”	$10.10
Q - "Q" CTS union	3/4"	$15.47		
S - Solder union	3/4”	N/C	1”	$5.24
T - "T" CTS union	3/4"	$15.47	1"	$34.76
2 - "-22" CTS union	3/4"	$15.47	1"	$34.76
3 - "-33" PEP union	3/4"	$44.65		
4 - "-44" PVC union	3/4"	$44.65		
5 - "-55" IP union	3/4"	$44.65		

1" Meters

Option	Size	List
D - Double Purpose Union (Flare or FNPT)	1"	N/C
J - C903 type union	1”	$36.71
L - Less end connection	1”	$-23.28
M - MNPT union	1"	N/C
Q - “Q” CTS union	1”	$25.76
S - Solder union	1”	N/C
T - “T” CTS union	1”	$25.76
2 - “-22” CTS union	1”	$25.76

Outlet Option Adders (Price per end):

5/8", 5/8" x 3/4", or 3/4" Meters

Option	Size	List	Size	List	Size	List
2 - "-22" CTS	3/4"	N/C	1"	$17.73	1 1/4"	$43.05
3 - "-33" PEP	3/4"	N/C	1"	$13.31		
4 - "-44" PVC	3/4"	N/C	1"	$13.31		
5 - "-55" IP	3/4"	N/C	1"	$13.31		

1" Meters

Option	Size	List	Size	List
2 - "-22" CTS	1"	N/C	1 1/4"	$11.82
3 - "-33" PEP	1"	$14.56		
4 - "-44" PVC	1"	$14.56		
5 - "-55" IP	1"	$14.56		

Single Setter (with Saddle Nut)

Options - add or subtract from base setter model		1 5/8”	2 5/8” x 3/4”	3 3/4”	4 1”
Standard Ball Valve	W	$67.55	$67.55	$67.55	$135.55
Full Port Ball Valve	J	$123.36	$123.36	$123.36	$185.83
Plug Valve	L	$55.59	$55.59	$55.59	$85.23
Single Check Valve	C	$61.33	$61.33	$61.33	$73.72
Dual Check - ASSE	D	$123.48	$123.48	$123.48	$117.10
Dual Check - ASSE - Full Port	M	N/A	N/A	N/A	$214.32
Dual Check - Cascading (* adds x992 to end of model)	D*	$112.68	$112.68	$112.68	$117.11
Meter Swivel Nut	X	N/C	N/C	N/C	N/C
Additional height in 3” increments		$7.55	$7.55	$10.42	$12.10

Tandem Setter (less Saddle Nut)

Change model from 725 series to 755 series

Options - add or subtract from base setter model		1 5/8”	2 5/8” x 3/4”	3 3/4”	4 1”
Standard Ball Valve	Q	$67.55	$67.55	$67.55	$135.55
Full Port Ball Valve	K	$123.36	$123.36	$123.36	$185.83
Plug Valve	G	$55.59	$55.59	$55.59	$85.23
Single Check Valve	A	$61.33	$61.33	$61.33	$73.72
Dual Check - ASSE	F	$123.48	$123.48	$123.48	$117.10
Dual Check - ASSE - Full Port	P	N/A	N/A	N/A	$214.32
Dual Check - Cascading (* adds x992 to end of model)	F*	$112.68	$112.68	$112.68	$117.11
Meter Swivel Nut	N	N/C	N/C	N/C	N/C
Tandem adder	7” - 9”	$133.04	$142.14	$172.81	-
	12”	$133.04	$142.14	$173.91	$259.54
	15”	$116.96	$126.01	$157.84	$259.54
	18” - 21”	$120.74	$129.90	$161.71	$259.54
	24” & Above	$120.74	$129.90	$161.71	$272.43

Tandem Setters or resetters include (2) 74619 connections and “S” tube with meter swivel nuts

Contact Factory for the following:

1. Handles for ball valves
2. Test cap on check valves
3. 360º turn valve cap (less check)

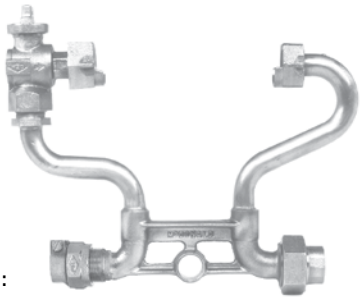
NOTES:

- 12" minimum height for 1" setters with dual check.
- Horizontal bracing eye, wire seal hole and lockwing are standard.
- **N/C** = No additional charge.

726 Series

FOR 5/8", 5/8" X 3/4", 3/4", OR 1" METERS

Horizontal Style, Integral -22 CTS, -33 PEP-7, -44 PVC, or -55 IP Compression Inlet x Dual Purpose Union Outlet



To order 726 Series Model No. **726-207WX2D 33** above means:

726	-	2	07	WX (INLET / OUTLET)	2D (INLET / OUTLET)		33
Series	Style	Meter Size	Meter Height	Inlet and Outlet Valves	Type of connection Inlet and Outlet	Blank Space	Size Inlet & Outlet

Style
– = Standard

Meter Size
1 = 5/8"
2 = 5/8" x 3/4"
3 = 3/4"
4 = 1"

18" & Taller includes Brace Support Bar

Meter Height
07 = 7"
09 = 9"
10 = 10"
Standard 1" Meter
12 = 12"
15 = 15"
18 = 18"
21 = 21"
24 = 24"
27 = 27"
Additional heights available, contact factory

Inlet and Outlet Valves
C = 3/4" & 1" Port Angle Single Check Valve
D = 3/4" Port Angle Dual Check Valve (ASSE 1024)
L = Angle Lockwing Plug Valve
J = 3/4" & 1" Port Angle Lockwing Ball Valve
M = 1" Port Angle Dual Check Valve (ASSE 1024)
W = Standard Port Angle Lockwing Ball Valve
X = Flanged Tubing with Meter Nut
For other special meter connections, contact factory.

Size Inlet & Outlet
1 = 1/2"
3 = 3/4"
4 = 1"
5 = 1 1/4"

Type of connection Inlet and Outlet

5/8", 5/8" x 3/4", 3/4" Meters

Inlet Connections
2 = "-22" CTS MacPak Integral (3/4", 1", 1 1/4")
3 = "-33" PEP MacPak Integral (3/4", 1")
4 = "-44" PVC MacPak Integral (3/4", 1")
5 = "-55" IP MacPak Integral (3/4", 1")

Outlet Connections
C = Copper Flare Union (3/4" or 1")
D = Double Purpose Union (Flare or FNPT) (3/4")
F = FNPT Union (1/2" or 1")
G = "G" CTS McGrip Union (3/4")
H = "H" CTS HandyLoc Union (3/4")
J = C903 Union (3/4")
L = Less Double Purpose Nut, Connection & Gasket (3/4")
M = MNPT Union (3/4", 1")
Q = "Q" CTS McQuik Union (3/4")
S = Solder Union (3/4" or 1")
T = "T" CTS Union (3/4" or 1")
2 = "-22" CTS MacPak Union (3/4" or 1")
3 = -"33" PEP MacPak Union (3/4")
4 = "-44" PVC MacPak Union (3/4")
5 = "-55" IP MacPak Union (3/4")

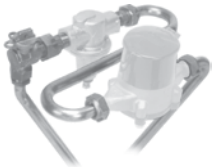
1" Meters

Inlet Connections
2 = "-22" CTS MacPak Integral (1", 1 1/4")
3 = "-33" PEP MacPak Integral (1")
4 = "-44" PVC MacPak Integral (1")
5 = "-55" IP MacPak Integral (1")

Outlet Connections
D = Double Purpose Union (Flare or FNPT) (1")
J = C903 Union (1")
L = Less Double Purpose Nut, Connection & Gasket (1")
M = MNPT Union (1" or 1 1/4")
Q = "Q" CTS McQuik Union (1")
S = Solder Union (1")
T = "T" CTS Union (1")
2 = "-22" CTS MacPak Union (1")

For Tandem Series

756 Series Horizontal Tandem Setter



Example 756-207QN2D 33
Tandem setters are supplied with adapters and "S" tube. Please specify device length and threads when ordering.
12" minimum height on 1" tandem

A = 3/4" & 1" Port Angle Single Check Valve
F = 3/4" Port Angle Dual Check Valve (ASSE 1024)
G = Angle Lockwing Plug Valve
K = 3/4" & 1" Port Angle Lockwing Ball Valve
N = Flanged Tubing with Meter Nut
P = 1" Port Angle Dual Check Valve (ASSE 1024)
Q = Standard Port Angle Lockwing Ball Valve
Z = Brass Elbow

NOTE: Unless specified all tandem components have meter nuts without support lip.

- Standard device for 5/8", 5/8" x 3/4", 3/4" = 4"- 5" Long FNPT x FNPT
- Standard device for 1" = 5"- 6" Long FNPT x FNPT

OPTIONS
- Assemblies shipped with two 1/8" EPDM rubber meter gaskets.
- Insert stiffeners are required on all flexible plastic connections.
- **Not all combinations available, contact factory with your requirements.**
- **MOST METER SETTERS ARE MADE TO ORDER AND ARE NOT RETURNABLE.**
- **Please verify with the factory that the model number you have configured is available and meets your requirements.**

726 Series

FOR 5/8”, 5/8” X 3/4”, 3/4”, OR 1” METERS

Horizontal Style, Integral -22 CTS, -33 PEP-7, -44 PVC, or -55 IP Compression Inlet x Dual Purpose Union Outlet



5/8" Meter Size	Carton PCS/WT	Price
726-107WX2D 33	6/32	$189.43
726-109WX2D 33	6/32	$191.53
726-112WX2D 33	6/27	$200.60
726-115WX2D 33	6/39	$204.34
726-118WX2D 33	6/42	$228.46
726-121WX2D 33	6/45	$235.19
726-124WX2D 33	6/48	$242.62

5/8" x 3/4" Meter Size	Carton PCS/WT	Price
726-207WX2D 33	6/32	$193.08
726-209WX2D 33	6/33	$195.02
726-212WX2D 33	6/30	$200.60
726-215WX2D 33	6/36	$207.79
726-218WX2D 33	6/45	$232.22
726-221WX2D 33	6/45	$238.97
726-224WX2D 33	6/45	$246.35

3/4" Meter Size	Carton PCS/WT	Price
726-307WX2D 33		$225.45
726-309WX2D 33	6/36	$225.45
726-312WX2D 33	6/30	$231.37
726-315WX2D 33	6/33	$239.37
726-318WX2D 33	6/39	$274.80
726-321WX2D 33	6/42	$276.87
726-324WX2D 33	6/45	$295.15

1" Meter Size	Carton PCS/WT	Price
726-410WX2D 44	3/26	$401.17
726-412WX2D 44	3/26	$409.49
726-415WX2D 44	3/27	$418.26
726-418WX2D 44	3/30	$470.29
726-421WX2D 44	3/32	$489.16
726-424WX2D 44	3/33	$494.91

Inlet Option Adders (Price per end):

5/8", 5/8" x 3/4", or 3/4" Meters

Option	Size	List	Size	List	Size	List
2 - "-22" CTS	3/4"	N/C	1"	$17.73	1 1/4"	$43.05
3 - "-33" PEP	3/4"	N/C	1"	$13.31		
4 - "-44" PVC	3/4"	N/C	1"	$13.31		
5 - "-55" IP	3/4"	N/C	1"	$13.31		

1" Meters

Option	Size	List	Size	List
2 - "-22" CTS	1"	N/C	1 1/4"	$11.82
3 - "-33" PEP	1"	$14.56		
4 - "-44" PVC	1"	$14.56		
5 - "-55" IP	1"	$14.56		

Outlet Option Adders (Price per end):

5/8", 5/8" x 3/4", or 3/4" Meters

Option	Size	List	Size	List
C - Copper flare union	3/4"	$21.66	1"	$38.97
D - Double Purpose (Flare or FNPT)	3/4”	N/C		
F - FNPT union	1/2”	$11.23	1”	$10.10
G - “G” CTS union	3/4”	$15.47		
H - “H” CTS HandyLoc union	3/4”	$19.04		
J - C903 type union	3/4"	$42.15		
L - Less end connection	3/4”	$-15.84		
M - Male union	3/4”	N/C	1”	$10.10
Q - "Q" CTS union	3/4"	$15.47		
S - Solder union	3/4”	N/C	1”	$5.24
T - "T" CTS union	3/4"	$15.47	1”	$34.76
2 - "-22" CTS union	3/4"	$15.47	1"	$34.76
3 - "-33" PEP union	3/4"	$44.65		
4 - "-44" PVC union	3/4"	$44.65		
5 - "-55" IP union	3/4"	$44.65		

1" Meters

Option	Size	List
D - Double Purpose (Flare or FNPT)	1"	N/C
J - C903 type union	1”	$36.71
L - Less end connection	1”	$-23.28
M - Male union	1"	N/C
S - Solder union	1”	$25.76
Q - “Q” CTS union	1”	N/C
T - “T” CTS union	1”	$25.76
2 - “-22” CTS union	1”	$25.76

Single Setter (with Saddle Nut)

Options - add or subtract from base setter model		1 5/8”	2 5/8” x 3/4”	3 3/4”	4 1”
Standard Ball Valve	W	$67.55	$67.55	$67.55	$135.55
Full Port Ball Valve	J	$123.36	$123.36	$123.36	$185.83
Plug Valve	L	$55.59	$55.59	$55.59	$85.23
Single Check Valve	C	$61.33	$61.33	$61.33	$73.72
Dual Check - ASSE	D	$123.48	$123.48	$123.48	$117.10
Dual Check - ASSE - Full Port	M	N/A	N/A	N/A	$214.32
Dual Check - Cascading (* adds x992 to end of model)	D*	$112.68	$112.68	$112.68	$117.11
Meter Swivel Nut	X	N/C	N/C	N/C	N/C
Additional height in 3” increments		$7.55	$7.55	$10.42	$12.10

Tandem Setter (less Saddle Nut)
Change model from 726 series to 756 series

Options - add or subtract from base setter model		1 5/8”	2 5/8” x 3/4”	3 3/4”	4 1”
Standard Ball Valve	Q	$67.55	$67.55	$67.55	$135.55
Full Port Ball Valve	K	$123.36	$123.36	$123.36	$185.83
Plug Valve	G	$55.59	$55.59	$55.59	$85.23
Single Check Valve	A	$61.33	$61.33	$61.33	$73.72
Dual Check - ASSE	F	$123.48	$123.48	$123.48	$117.10
Dual Check - ASSE - Full Port	P	N/A	N/A	N/A	$214.32
Dual Check - Cascading (* adds x992 to end of model)	F*	$112.68	$112.68	$112.68	$117.11
Meter Swivel Nut	N	N/C	N/C	N/C	N/C
Tandem adder	7” - 9”	$133.04	$142.14	$172.81	-
	12”	$133.04	$142.14	$173.91	$259.54
	15”	$116.96	$126.01	$157.84	$259.54
	18” - 21”	$120.74	$129.90	$161.71	$259.54
	24” & Above	$120.74	$129.90	$161.71	$272.43

Tandem Setters or resetters include (2) 74619 connections and “S” tube with meter swivel nuts

Contact Factory for the following:

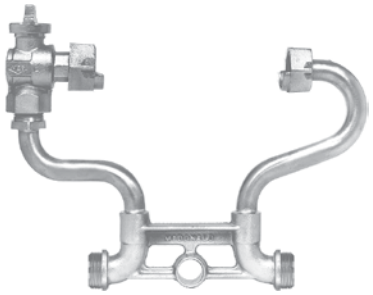
1. Handles for ball valves
2. Test cap on check valves
3. 360º turn valve cap (less check)

NOTES:
- 12" minimum height for 1" setters with dual check.
- Horizontal bracing eye, wire seal hole and lockwing are standard.
- **N/C** = No additional charge.

727 Series

FOR 5/8", 5/8" X 3/4", 3/4", OR 1" METERS

Horizontal Style, "K" Thread Inlet x "K" Thread Outlet



"Cut-In" Style Meter Setting: This setting is a quick and easy installation and involves cutting out a section of service line that is approximately 1/2" longer than the brass bottom bar of the setter, cleaning approximately 3" of service line on both sides of the setter, then slipping on the compression assemblies (sold separately) on to the service line. The setter is then inserted into the spacing, the compression assemblies are tightened to the setter, and the compression nuts are tightened per instructions.

To order 727 Series Model No. **727-207WX** above means:

727	-	2	07	WX
Series	Style	Meter Size	Meter Height	Inlet and Outlet Valves

Style
– = Standard

Meter Size
1 = 5/8"
2 = 5/8" x 3/4"
3 = 3/4"
4 = 1"

18" & Taller includes Brace Support Bar

Meter Height
07 = 7"
09 = 9"
10 = 10"
Standard 1" Meter
12 = 12"
15 = 15"
18 = 18"
21 = 21"
24 = 24"
27 = 27"

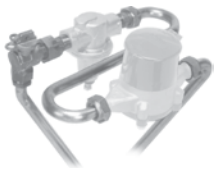
Additional heights available, contact factory

Inlet and Outlet Valves (INLET OUTLET)
C = 3/4" & 1" Port Angle Single Check Valve
D = 3/4" Port Angle Dual Check Valve (ASSE 1024)
L = Angle Lockwing Plug Valve
J = 3/4" & 1" Port Angle Lockwing Ball Valve
M = 1" Port Angle Dual Check Valve (ASSE 1024)
W = Standard Port Angle Lockwing Ball Valve
X = Flanged Tubing with Meter Nut

For other special meter connections, contact factory.

For Tandem Series

757 Series Horizontal Tandem Setter



Example 757-207QN
Tandem setters are supplied with adapters and "S" tube. Please specify device length and threads when ordering.
12" minimum height on 1" tandem

A = 3/4" & 1" Port Angle Single Check Valve
F = 3/4" Port Angle Dual Check Valve (ASSE 1024)
G = Angle Lockwing Plug Valve
K = 3/4" & 1" Port Angle Lockwing Ball Valve
N = Flanged Tubing with Meter Nut
P = 1" Port Angle Dual Check Valve (ASSE 1024)
Q = Standard Port Angle Lockwing Ball Valve
Z = Brass Elbow

NOTE: Unless specified all tandem components have meter nuts without support lip.

- Standard device for 5/8", 5/8" x 3/4", 3/4" = 4"- 5" Long FNPT x FNPT
- Standard device for 1" = 5"- 6" Long FNPT x FNPT

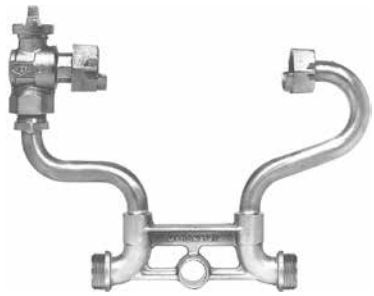
OPTIONS
- Assemblies shipped with two 1/8" EPDM rubber meter gaskets.
- Insert stiffeners are required on all flexible plastic connections.
- **Not all combinations available, contact factory with your requirements.**
- **MOST METER SETTERS ARE MADE TO ORDER AND ARE NOT RETURNABLE.**
- **Please verify with the factory that the model number you have configured is available and meets your requirements.**

727 Series

FOR 5/8", 5/8" X 3/4", OR 3/4" METERS

Horizontal Style, "K" Thread Inlet x "K" Thread Outlet

"Cut-In" Style Meter Setting: This setting is a quick and easy installation and involves cutting out a section of service line that is approximately 1/2" longer than the brass bottom bar of the setter, cleaning approximately 3" of service line on both sides of the setter, then slipping on the compression assemblies (sold separately) on to the service line. The setter is then inserted into the spacing, the compression assemblies are tightened to the setter, and the compression nuts are tightened per instructions.



5/8" Meter Size	Carton PCS/WT	Price	5/8" x 3/4" Meter Size	Carton PCS/WT	Price	3/4" Meter Size	Carton PCS/WT	Price
727-107WX	6/39	$162.15	727-207WX	6/27	$165.74	727-307WX	6/39	$197.71
727-109WX	6/28	$164.16	727-209WX	6/30	$167.80	727-309WX	6/42	$197.71
727-112WX	6/36	$169.93	727-212WX	6/42	$173.32	727-312WX	6/45	$203.61
727-115WX	6/39	$177.07	727-215WX	6/45	$180.50	727-315WX	6/48	$211.54
727-118WX	6/45	$201.13	727-218WX	6/51	$204.93	727-318WX	6/51	$247.04
727-121WX	6/48	$207.90	727-221WX	6/54	$190.78	727-321WX	6/54	$258.70
727-124WX	6/51	$215.28	727-224WX	6/57	$219.09	727-324WX	6/57	$267.32

747541T



747541-22, 747541-33
747541-44



747541-55



Fittings for Model 741-1, 741-2, or 741-3

MODEL	SIZE	DESCRIPTION	LIST PRICE
747541P	3/4"	MNPT x "K" Thread	$ 14.03
747541S	1/2" x 3/4"	Solder x "K" Thread	$ 16.00
747541S	3/4"	Solder x "K" Thread	$ 16.46
747541-22	3/4"	-22 CTS x "K" Thread	$ 21.41
747541-22	1/2" x 3/4"	-22 CTS x "K" Thread	$ 23.60
747541-22	1" x 3/4"	-22 CTS x "K" Thread	$ 26.92
747541-22	1 1/4" x 3/4"	-22 CTS x "K" Thread	$ 53.59
747541-22	1 3/16" x 3/4"	-22 CTS x "K" Thread	$ 23.60
747541Q	3/4"	Q CTS x "K" Thread	$ 21.41
747541T	3/4"	T x "K" Thread	$ 21.41
747541T	1" x 3/4"	T CTS x "K" Thread	$ 26.92

Fittings for Model 741-1, 741-2, or 741-3

MODEL	SIZE	DESCRIPTION	LIST PRICE
747541T	1 1/4" x 3/4"	T CTS x "K" Thread	$ 53.59
747541-33	3/4"	-33 PEP-7 x "K" Thread	$ 28.49
747541-33	1" x 3/4"	-33 PEP-7 x "K" Thread	$ 51.05
747541-3Q	1" x 3/4"	-3Q PEP x "K" Thread	$ 51.05
747541-44	1/2" x 3/4"	-44 PVC x "K" Thread	$ 22.91
747541-44	3/4"	-44 PVC x "K" Thread	$ 27.43
747541-44	1" x 3/4"	-44 PVC x "K" Thread	$ 51.13
747541-55	3/4"	-55 IP x "K" Thread	$ 21.41
747541-55	1" x 3/4"	-55 IP x "K" Thread	$ 37.29
47541GSKT	–	Copper spacing gasket	$ 1.30

Single Setter (with Saddle Nut)		1	2	3	4
Options - add or subtract from base setter model		5/8"	5/8" x 3/4"	3/4"	1"
Standard Ball Valve	W	$67.55	$67.55	$67.55	$135.55
Full Port Ball Valve	J	$123.36	$123.36	$123.36	$185.83
Plug Valve	L	$55.59	$55.59	$55.59	$85.23
Single Check Valve	C	$61.33	$61.33	$61.33	$73.72
Dual Check - ASSE	D	$123.48	$123.48	$123.48	$117.10
Dual Check - ASSE - Full Port	M	N/A	N/A	N/A	$214.32
Dual Check - Cascading (* adds x992 to end of model)	D*	$112.68	$112.68	$112.68	$117.11
Meter Swivel Nut	X	N/C	N/C	N/C	N/C
Additional height in 3" increments		$7.55	$7.55	$10.42	$12.10

Contact Factory for the following:

1. Handles for ball valves
2. Test cap on check valves
3. 360º turn valve cap (less check)

NOTES:

- 12" minimum height for 1" setters with dual check.
- Horizontal bracing eye, wire seal hole and lockwing are standard.
- **N/C** = No additional charge.

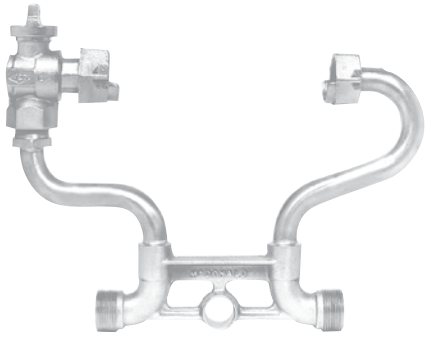
Tandem Setter (less Saddle Nut) Change model from 727 series to 757 series		1	2	3	4
Options - add or subtract from base setter model		5/8"	5/8" x 3/4"	3/4"	1"
Standard Ball Valve	Q	$67.55	$67.55	$67.55	$135.55
Full Port Ball Valve	K	$123.36	$123.36	$123.36	$185.83
Plug Valve	G	$55.59	$55.59	$55.59	$85.23
Single Check Valve	A	$61.33	$61.33	$61.33	$73.72
Dual Check - ASSE	F	$123.48	$123.48	$123.48	$117.10
Dual Check - ASSE - Full Port	P	N/A	N/A	N/A	$214.32
Dual Check - Cascading (* adds x992 to end of model)	F*	$112.68	$112.68	$112.68	$117.11
Meter Swivel Nut	N	N/C	N/C	N/C	N/C
Tandem adder	7" - 9"	$133.04	$142.14	$172.81	-
	12"	$133.04	$142.14	$173.91	$259.54
	15"	$116.96	$126.01	$157.84	$259.54
	18" - 21"	$120.74	$129.90	$161.71	$259.54
	24" & Above	$120.74	$129.90	$161.71	$272.43

Tandem Setters or resetters include (2) 74619 connections and "S" tube with meter swivel nuts

728 Series

FOR 5/8", 5/8" X 3/4", 3/4", OR 1" METERS

Horizontal Style, Integral NPT Inlet x Integral NPT Outlet



To order 728 Series Model No. **728-207WXPP 33** above means:

728	-	2	07	WX	PP		33
Series	Style	Meter Size	Meter Height	Inlet and Outlet Valves	Type of connection Inlet and Outlet	Blank Space	Size Inlet & Outlet

Style
- = Standard

Meter Size
- **1** = 5/8"
- **2** = 5/8" x 3/4"
- **3** = 3/4"
- **4** = 1"

18" & Taller includes Brace Support Bar

Meter Height
- **07** = 7"
- **09** = 9"
- **10** = 10"

Standard 1" Meter
- **12** = 12"
- **15** = 15"
- **18** = 18"
- **21** = 21"
- **24** = 24"
- **27** = 27"

Additional heights available, contact factory

Inlet and Outlet Valves
- **C** = 3/4" & 1" Port Angle Single Check Valve
- **D** = 3/4" Port Angle Dual Check Valve (ASSE 1024)
- **L** = Angle Lockwing Plug Valve
- **J** = 3/4" & 1" Port Angle Lockwing Ball Valve
- **M** = 1" Port Angle Dual Check Valve (ASSE 1024)
- **W** = Standard Port Angle Lockwing Ball Valve
- **X** = Flanged Tubing with Meter Nut

For other special meter connections, contact factory.

Type of connection Inlet and Outlet

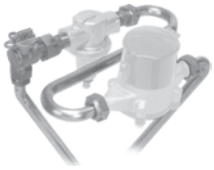
5/8", 5/8" x 3/4", 3/4" Meters
- **I** = FNPT Integral (3/4")
- **P** = MNPT Integral (3/4", 1")

1" Meters
- **I** = FNPT Integral (1")
- **P** = MNPT Integral (1", 1 1/4" or 1 1/2")

Size Inlet & Outlet
- **3** = 3/4"
- **4** = 1"
- **5** = 1 1/4"
- **6** = 1 1/2"

For Tandem Series

758 Series Horizontal Tandem Setter



Example 758-207QNPP 33
Tandem setters are supplied with adapters and "S" tube. Please specify device length and threads when ordering.
12" minimum height on 1" tandem

- **A** = 3/4" & 1" Port Angle Single Check Valve
- **F** = 3/4" Port Angle Dual Check Valve (ASSE 1024)
- **G** = Angle Lockwing Plug Valve
- **K** = 3/4" & 1" Port Angle Lockwing Ball Valve
- **N** = Flanged Tubing with Meter Nut
- **P** = 1" Port Angle Dual Check Valve (ASSE 1024)
- **Q** = Standard Port Angle Lockwing Ball Valve
- **Z** = Brass Elbow

NOTE: Unless specified all tandem components have meter nuts without support lip.

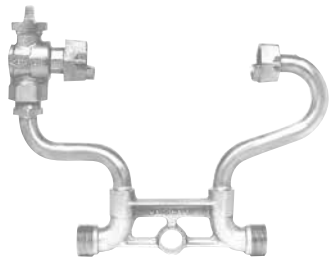
- Standard device for 5/8", 5/8" x 3/4", 3/4" = 4"- 5" Long FNPT x FNPT
- Standard device for 1" = 5"- 6" Long FNPT x FNPT

OPTIONS
- Assemblies shipped with two 1/8" EPDM rubber meter gaskets.
- Insert stiffeners are required on all flexible plastic connections.
- **Not all combinations available, contact factory with your requirements.**
- **MOST METER SETTERS ARE MADE TO ORDER AND ARE NOT RETURNABLE.**
- **Please verify with the factory that the model number you have configured is available and meets your requirements.**

728 Series

FOR 5/8", 5/8" X 3/4", 3/4", OR 1" METERS

Horizontal Style, Integral NPT Inlet x Integral NPT Outlet



5/8" Meter Size	Carton PCS/WT	Price
728-107WXPP 33	6/25	$167.50
728-109WXPP 33	6/28	$169.59
728-112WXPP 33	6/39	$175.32
728-115WXPP 33	6/39	$182.40
728-118WXPP 33	6/45	$206.49
728-121WXPP 33	6/48	$213.29
728-124WXPP 33	6/51	$220.63

5/8" x 3/4" Meter Size	Carton PCS/WT	Price
728-207WXPP 33	6/26	$171.11
728-209WXPP 33	6/24	$173.12
728-212WXPP 33	6/27	$178.68
728-215WXPP 33	6/39	$184.45
728-218WXPP 33	6/30	$210.33
728-221WXPP 33	6/39	$217.02
728-224WXPP 33	6/33	$224.39

3/4" Meter Size	Carton PCS/WT	Price
728-307WXPP 33	6/26	$203.48
728-309WXPP 33	6/27	$203.48
728-312WXPP 33	6/30	$209.46
728-315WXPP 33	6/36	$217.43
728-318WXPP 33	6/34	$252.88
728-321WXPP 33	6/39	$264.65
728-324WXPP 33	6/42	$272.86

1" Meter Size	Carton PCS/WT	Price
728-410WXPP 44	3/19	$350.37
728-412WXPP 44	3/19	$357.59
728-415WXPP 44	3/30	$366.36
728-418WXPP 44	3/33	$418.32
728-421WXPP 44	3/36	$437.21
728-424WXPP 44	3/39	$442.94

Inlet Option Adders (Price per end):

5/8", 5/8" x 3/4", or 3/4" Meters

Option	Size	List	Size	List
P - MNPT (Integral)	3/4"	N/C	1"	N/C
I - FNPT Integral	3/4"	$ 4.77		

1" Meters

Option	Size	List	Size	List	Size	List
P - MNPT (Integral)	1"	N/C	1 1/4"	$ 6.70	1 1/2"	$ 13.38
I - FNPT Integral	1"	N/C				

Single Setter (with Saddle Nut)		1	2	3	4
Options - add or subtract from base setter model		5/8"	5/8" x 3/4"	3/4"	1"
Standard Ball Valve	W	$67.55	$67.55	$67.55	$135.55
Full Port Ball Valve	J	$123.36	$123.36	$123.36	$185.83
Plug Valve	L	$55.59	$55.59	$55.59	$85.23
Single Check Valve	C	$61.33	$61.33	$61.33	$73.72
Dual Check - ASSE	D	$123.48	$123.48	$123.48	$117.10
Dual Check - ASSE - Full Port	M	N/A	N/A	N/A	$214.32
Dual Check - Cascading (* adds x992 to end of model)	D*	$112.68	$112.68	$112.68	$117.11
Meter Swivel Nut	X	N/C	N/C	N/C	N/C
Additional height in 3" increments		$7.55	$7.55	$10.42	$12.10

Tandem Setter (less Saddle Nut) Change model from 728 series to 758 series		1	2	3	4
Options - add or subtract from base setter model		5/8"	5/8" x 3/4"	3/4"	1"
Standard Ball Valve	Q	$67.55	$67.55	$67.55	$135.55
Full Port Ball Valve	K	$123.36	$123.36	$123.36	$185.83
Plug Valve	G	$55.59	$55.59	$55.59	$85.23
Single Check Valve	A	$61.33	$61.33	$61.33	$73.72
Dual Check - ASSE	F	$123.48	$123.48	$123.48	$117.10
Dual Check - ASSE - Full Port	P	N/A	N/A	N/A	$214.32
Dual Check - Cascading (* adds x992 to end of model)	F*	$112.68	$112.68	$112.68	$117.11
Meter Swivel Nut	N	N/C	N/C	N/C	N/C
Tandem adder	7" - 9"	$133.04	$142.14	$172.81	-
	12"	$133.04	$142.14	$173.91	$259.54
	15"	$116.96	$126.01	$157.84	$259.54
	18" - 21"	$120.74	$129.90	$161.71	$259.54
	24" & Above	$120.74	$129.90	$161.71	$272.43

Tandem Setters or resetters include (2) 74619 connections and "S" tube with meter swivel nuts

Contact Factory for the following:

1. Handles for ball valves
2. Test cap on check valves
3. 360º turn valve cap (less check)

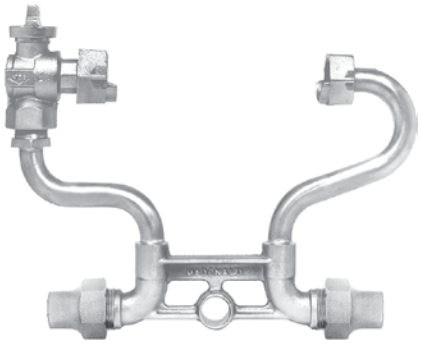
NOTES:

- 12" minimum height for 1" setters with dual check.
- Horizontal bracing eye, wire seal hole and lockwing are standard.
- **N/C** = No additional charge.

729 Series

FOR 5/8", 5/8" X 3/4", 3/4", OR 1" METERS

Horizontal Style, Integral Flare Inlet x Integral Flare Outlet



To order 729 Series Model No. **729-207WXCC 33** above means:

729	-	2	07	WX	CC		33
Series	Style	Meter Size	Meter Height	Inlet and Outlet Valves	Type of connection Inlet and Outlet	Blank Space	Size Inlet & Outlet

Style
– = Standard

Meter Size
1 = 5/8"
2 = 5/8" x 3/4"
3 = 3/4"
4 = 1"

18" & Taller includes Brace Support Bar

Meter Height
07 = 7"
09 = 9"
10 = 10"
Standard 1" Meter
12 = 12"
15 = 15"
18 = 18"
21 = 21"
24 = 24"
27 = 27"
Additional heights available, contact factory

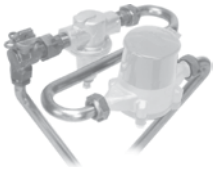
Inlet and Outlet Valves
C = 3/4" & 1" Port Angle Single Check Valve
D = 3/4" Port Angle Dual Check Valve (ASSE 1024)
L = Angle Lockwing Plug Valve
J = 3/4" & 1" Port Angle Lockwing Ball Valve
M = 1" Port Angle Dual Check Valve (ASSE 1024)
W = Standard Port Angle Lockwing Ball Valve
X = Flanged Tubing with Meter Nut
For other special meter connections, contact factory.

Type of connection Inlet and Outlet
5/8", 5/8" x 3/4", 3/4" Meters
C = Copper Flare Integral (3/4")
1" Meters
C = Copper Flare Integral (1")

Size Inlet & Outlet
3 = 3/4"
4 = 1"

For Tandem Series

759 Series Horizontal Tandem Setter



Example 759-207QNCC 33
Tandem setters are supplied with adapters and "S" tube. Please specify device length and threads when ordering.
12" minimum height on 1" tandem

A = 3/4" & 1" Port Angle Single Check Valve
F = 3/4" Port Angle Dual Check Valve (ASSE 1024)
G = Angle Lockwing Plug Valve
K = 3/4" & 1" Port Angle Lockwing Ball Valve
N = Flanged Tubing with Meter Nut
P = 1" Port Angle Dual Check Valve (ASSE 1024)
Q = Standard Port Angle Lockwing Ball Valve
Z = Brass Elbow

NOTE: Unless specified all tandem components have meter nuts without support lip.

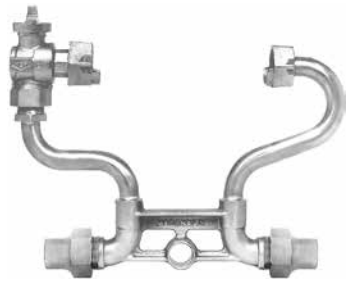
- Standard device for 5/8", 5/8" x 3/4", 3/4" = 4"- 5" Long FNPT x FNPT
- Standard device for 1" = 5"- 6" Long FNPT x FNPT

OPTIONS
- Assemblies shipped with two 1/8" EPDM rubber meter gaskets.
- Insert stiffeners are required on all flexible plastic connections.
- **Not all combinations available, contact factory with your requirements.**
- **MOST METER SETTERS ARE MADE TO ORDER AND ARE NOT RETURNABLE.**
- **Please verify with the factory that the model number you have configured is available and meets your requirements.**

729 Series

FOR 5/8”, 5/8” X 3/4”, 3/4”, OR 1” METERS

Horizontal Style, Integral Flare Inlet x Integral Flare Outlet



5/8" Meter Size	Carton PCS/WT	Price
729-107WXCC 33	6/24	$192.51
729-109WXCC 33	6/27	$194.76
729-112WXCC 33	6/30	$200.50
729-115WXCC 33	6/33	$207.59
729-118WXCC 33	6/33	$231.67
729-121WXCC 33	6/36	$238.43
729-124WXCC 33	6/39	$245.84

5/8" x 3/4" Meter Size	Carton PCS/WT	Price
729-207WXCC 33	6/36	$196.28
729-209WXCC 33	6/39	$198.28
729-212WXCC 33	6/36	$203.86
729-215WXCC 33	6/36	$211.00
729-218WXCC 33	6/33	$235.49
729-221WXCC 33	6/39	$242.20
729-224WXCC 33	6/42	$249.60

3/4" Meter Size	Carton PCS/WT	Price
729-307WXCC 33	6/27	$228.67
729-309WXCC 33	6/30	$228.67
729-312WXCC 33	6/33	$234.60
729-315WXCC 33	6/36	$242.62
729-318WXCC 33	6/39	$278.07
729-321WXCC 33	6/42	$289.81
729-324WXCC 33	6/45	$298.37

1" Meter Size	Carton PCS/WT	Price
729-410WXCC 44	3/21	$385.49
729-412WXCC 44	3/24	$292.71
729-415WXCC 44	3/27	$401.48
729-418WXCC 44	3/30	$453.47
729-421WXCC 44	3/33	$472.36
729-424WXCC 44	3/36	$478.09

Single Setter (with Saddle Nut)		1	2	3	4
Options - add or subtract from base setter model		**5/8”**	**5/8” x 3/4”**	**3/4”**	**1”**
Standard Ball Valve	**W**	$67.55	$67.55	$67.55	$135.55
Full Port Ball Valve	**J**	$123.36	$123.36	$123.36	$185.83
Plug Valve	**L**	$55.59	$55.59	$55.59	$85.23
Single Check Valve	**C**	$61.33	$61.33	$61.33	$73.72
Dual Check - ASSE	**D**	$123.48	$123.48	$123.48	$117.10
Dual Check - ASSE - Full Port	**M**	N/A	N/A	N/A	$214.32
Dual Check - Cascading (* adds x992 to end of model)	**D***	$112.68	$112.68	$112.68	$117.11
Meter Swivel Nut	**X**	N/C	N/C	N/C	N/C
Additional height in 3” increments		$7.55	$7.55	$10.42	$12.10

Tandem Setter (less Saddle Nut) Change model from 729 series to 759 series		1	2	3	4
Options - add or subtract from base setter model		**5/8”**	**5/8” x 3/4”**	**3/4”**	**1”**
Standard Ball Valve	**Q**	$67.55	$67.55	$67.55	$135.55
Full Port Ball Valve	**K**	$123.36	$123.36	$123.36	$185.83
Plug Valve	**G**	$55.59	$55.59	$55.59	$85.23
Single Check Valve	**A**	$61.33	$61.33	$61.33	$73.72
Dual Check - ASSE	**F**	$123.48	$123.48	$123.48	$117.10
Dual Check - ASSE - Full Port	**P**	N/A	N/A	N/A	$214.32
Dual Check - Cascading (* adds x992 to end of model)	**F***	$112.68	$112.68	$112.68	$117.11
Meter Swivel Nut	**N**	N/C	N/C	N/C	N/C
Tandem adder	**7” - 9”**	$133.04	$142.14	$172.81	-
	12”	$133.04	$142.14	$173.91	$259.54
	15”	$116.96	$126.01	$157.84	$259.54
	18” - 21”	$120.74	$129.90	$161.71	$259.54
	24” & Above	$120.74	$129.90	$161.71	$272.43

Tandem Setters or resetters include (2) 74619 connections and “S” tube with meter swivel nuts

Contact Factory for the following:

1. Handles for ball valves
2. Test cap on check valves
3. 360º turn valve cap (less check)

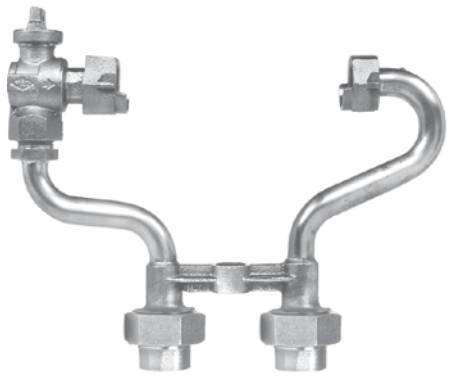
NOTES:

- 12” minimum height for 1” setters with dual check.
- Horizontal bracing eye, wire seal hole and lockwing are standard.
- **N/C** = No additional charge.

730 Series

FOR 5/8", 5/8" X 3/4", 3/4", OR 1" METERS

Vertical Style, Double Purpose Union Inlet x Double Purpose Union Outlet
Setters normally supplied with Union Nut Connection Inlet/Outlet



To order 730 Series Model No. **730-2--WXDD 33** above means:

730	-	2	--	WX (Inlet Outlet)	DD (Inlet Outlet)		33
Series	Style	Meter Size	Meter Height	Inlet and Outlet Valves	Type of connection Inlet and Outlet	Blank Space	Size Inlet & Outlet

Style
- – = Standard

Meter Size
- **1** = 5/8"
- **2** = 5/8" x 3/4"
- **3** = 3/4"
- **4** = 1"

18" & Taller includes Brace Support Bar

Meter Height
- -- = 7"
- **09** = 9"
- -- = 10"

Standard 1" Meter
- **12** = 12"
- **15** = 15"
- **18** = 18"
- **21** = 21"
- **24** = 24"
- **27** = 27"

Additional heights available, contact factory

Inlet and Outlet Valves
- **C** = 3/4" & 1" Port Angle Single Check Valve
- **D** = 3/4" Port Angle Dual Check Valve (ASSE 1024)
- **L** = Angle Lockwing Plug Valve
- **J** = 3/4" & 1" Port Angle Lockwing Ball Valve
- **M** = 1" Port Angle Dual Check Valve (ASSE 1024)
- **W** = Standard Port Angle Lockwing Ball Valve
- **X** = Flanged Tubing with Meter Nut

For other special meter connections, contact factory.

Type of connection Inlet and Outlet

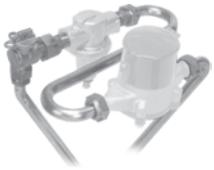
5/8", 5/8" x 3/4", 3/4" Meters
- **C** = Copper Flare Union (3/4" or 1")
- **D** = Double Purpose Union (Flare or FNPT) (3/4")
- **F** = FNPT Union (1/2" or 1")
- **G** = "G" CTS McGrip Union (3/4")
- **H** = "H" CTS HandyLoc Union (3/4")
- **J** = C903 Union (3/4")
- **L** = Less Double Purpose Nut, Connection & Gasket (3/4")
- **M** = MNPT Union (3/4", 1")
- **Q** = "Q" CTS McQuik Union (3/4")
- **S** = Solder Union (3/4" or 1")
- **T** = "T" CTS Union (3/4" or 1")
- **2** = "-22" CTS MacPak Union (3/4" or 1")
- **3** = "-33" PEP MacPak Union (3/4")
- **4** = "-44" PVC MacPak Union (3/4")
- **5** = "-55" IP MacPak Union (3/4")

1" Meters
- **D** = Double Purpose Union (Flare or FNPT) (1")
- **J** = C903 Compression Union (1")
- **L** = Less Double Purpose Nut, Connection & Gasket (1")
- **M** = MNPT Union (1" or 1 1/4")
- **Q** = "Q" CTS McQuik Union (1")
- **S** = Solder Union (1")
- **T** = "T" CTS Union (1")
- **2** = "-22" CTS MacPak Union (1")

Size Inlet & Outlet
- **1** = 1/2"
- **3** = 3/4"
- **4** = 1"

For Tandem Series

750R Series Horizontal Tandem Setter



Example 750R2--QNDD 33
Tandem setters are supplied with adapters and "S" tube. Please specify device length and threads when ordering.
12" minimum height on 1" tandem

- **A** = 3/4" & 1" Port Angle Single Check Valve
- **F** = 3/4" Port Angle Dual Check Valve (ASSE 1024)
- **G** = Angle Lockwing Plug Valve
- **K** = 3/4" & 1" Port Angle Lockwing Ball Valve
- **N** = Flanged Tubing with Meter Nut
- **P** = 1" Port Angle Dual Check Valve (ASSE 1024)
- **Q** = Standard Port Angle Lockwing Ball Valve
- **Z** = Brass Elbow

NOTE: Unless specified all tandem components have meter nuts without support lip.

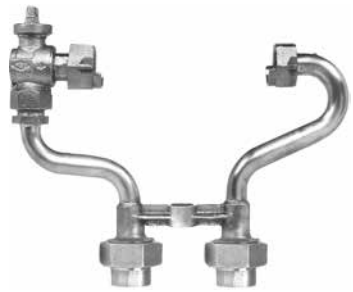
- Standard device for 5/8", 5/8" x 3/4", 3/4" = 4"- 5" Long FNPT x FNPT
- Standard device for 1" = 5"- 6" Long FNPT x FNPT

OPTIONS
- Assemblies shipped with two 1/8" EPDM rubber meter gaskets.
- Insert stiffeners are required on all flexible plastic connections.
- **Not all combinations available, contact factory with your requirements.**
- **MOST METER SETTERS ARE MADE TO ORDER AND ARE NOT RETURNABLE.**
- **Please verify with the factory that the model number you have configured is available and meets your requirements.**

730 Series

FOR 5/8", 5/8" X 3/4", 3/4", OR 1" METERS

Vertical Style, Double Purpose Union Inlet x Double Purpose Union Outlet
Setters normally supplied with Union Nut Connection Inlet/Outlet



5/8" Meter Size	Carton PCS/WT	Price	5/8" x 3/4" Meter Size	Carton PCS/WT	Price	3/4" Meter Size	Carton PCS/WT	Price	1" Meter Size	Carton PCS/WT	Price
730-1--WXDD 33	6/27	$181.63	730-2--WXDD 33	6/27	$181.63	730-3--WXDD 33	6/32	$209.33	730-4--WXDD 44	3/26	$343.54

Inlet / Outlet Option Adders (Price per end):

5/8", 5/8" x 3/4", or 3/4" Meters

Option	Size	List	Size	List
C - Copper flare union	3/4"	$21.66	1"	$38.97
D - Double Purpose union (Flare or FNPT)	3/4"	N/C		
F - FNPT union	1/2"	$11.23	1"	$10.10
G - "G" CTS union	3/4"	$15.47		
H - "H" CTS HandyLoc union	3/4"	$19.04		
J - C903 type union	3/4"	$42.15		
L - Less end connection	3/4"	$ -15.84		
M - MNPT union	3/4"	N/C	1"	$10.10
Q - "Q" CTS Union	3/4"	$15.47		
S - Solder union	3/4"	N/C	1"	$5.24
T - "T" CTS union	3/4"	$15.47	1"	$34.76
2 - "-22" CTS union	3/4"	$15.47	1"	$34.76
3 - "-33" PEP union	3/4"	$44.65		
4 - "-44" PVC union	3/4"	$44.65		
5 - "-55" IP union	3/4"	$44.65		

1" Meters

Option	Size	List
D - Double Purpose union (Flare or FNPT)	1"	N/C
J - C903 type union	1"	$36.71
L - Less end connection	1"	$ -25.38
M - MNPT union	1"	N/C
Q - "Q" CTS Union	1"	$28.08
S - Solder union	1"	N/C
T - "T" CTS union	1"	$28.08
2 - "-22" CTS union	1"	$28.08

Single Setter (with Saddle Nut)		1	2	3	4
Options - add or subtract from base setter model		5/8"	5/8" x 3/4"	3/4"	1"
Standard Ball Valve	W	$67.55	$67.55	$67.55	$135.55
Full Port Ball Valve	J	$123.36	$123.36	$123.36	$185.83
Plug Valve	L	$55.59	$55.59	$55.59	$85.23
Single Check Valve	C	$61.33	$61.33	$61.33	$73.72
Dual Check - ASSE	D	$123.48	$123.48	$123.48	$117.10
Dual Check - ASSE - Full Port	M	N/A	N/A	N/A	$214.32
Dual Check - Cascading (* adds x992 to end of model)	D*	$112.68	$112.68	$112.68	$117.11
Meter Swivel Nut	X	N/C	N/C	N/C	N/C
Additional height in 3" increments		$7.55	$7.55	$10.42	$12.10

Tandem Setter (less Saddle Nut) Change model from 730 series to 750R series		1	2	3	4
Options - add or subtract from base setter model		5/8"	5/8" x 3/4"	3/4"	1"
Standard Ball Valve	Q	$67.55	$67.55	$67.55	$135.55
Full Port Ball Valve	K	$123.36	$123.36	$123.36	$185.83
Plug Valve	G	$55.59	$55.59	$55.59	$85.23
Single Check Valve	A	$61.33	$61.33	$61.33	$73.72
Dual Check - ASSE	F	$123.48	$123.48	$123.48	$117.10
Dual Check - ASSE - Full Port	P	N/A	N/A	N/A	$214.32
Dual Check - Cascading (* adds x992 to end of model)	F*	$112.68	$112.68	$112.68	$117.11
Meter Swivel Nut	N	N/C	N/C	N/C	N/C
Tandem adder	7" - 9"	$133.04	$142.14	$172.81	-
	12"	$133.04	$142.14	$173.91	$259.54
	15"	$116.96	$126.01	$157.84	$259.54
	18" - 21"	$120.74	$129.90	$161.71	$259.54
	24" & Above	$120.74	$129.90	$161.71	$272.43

Tandem Setters or resetters include (2) 74619 connections and "S" tube with meter swivel nuts

Contact Factory for the following:

1. Handles for ball valves
2. Test cap on check valves
3. 360° turn valve cap (less check)

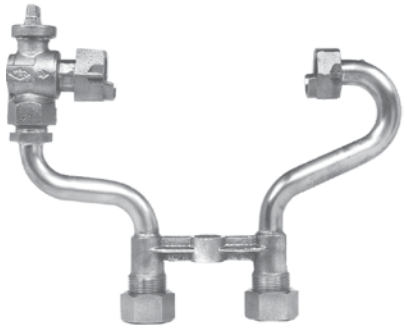
NOTES:

- 12" minimum height for 1" setters with dual check.
- Horizontal bracing eye, wire seal hole and lockwing are standard.
- **N/C** = No additional charge.

731 Series

FOR 5/8", 5/8" X 3/4", 3/4", OR 1" METERS

Vertical Style, Integral CTS, PEP or C903 Compression Inlet & Outlet



To order 731 Series Model No. **731-2--WXTT 33** above means:

731	-	2	--	WX	TT		33
Series	Style	Meter Size	Meter Height	Inlet and Outlet Valves	Type of connection Inlet and Outlet	Blank Space	Size Inlet & Outlet

Style
– = Standard

Meter Size
1 = 5/8"
2 = 5/8" x 3/4"
3 = 3/4"
4 = 1"

18" & Taller includes Brace Support Bar

Meter Height
-- = 7"
09 = 9"
-- = 10"
Standard 1" Meter
12 = 12"
15 = 15"
18 = 18"
21 = 21"
24 = 24"
27 = 27"

Additional heights available, contact factory

Inlet and Outlet Valves
C = 3/4" & 1" Port Angle Single Check Valve
D = 3/4" Port Angle Dual Check Valve (ASSE 1024)
L = Angle Lockwing Plug Valve
J = 3/4" & 1" Port Angle Lockwing Ball Valve
M = 1" Port Angle Dual Check Valve (ASSE 1024)
W = Standard Port Angle Lockwing Ball Valve
X = Flanged Tubing with Meter Nut

For other special meter connections, contact factory.

Type of connection Inlet and Outlet

5/8", 5/8" x 3/4", 3/4" Meters
B = "-3G" PEP McGrip Integral (3/4")
G = "G" CTS McGrip Integral (3/4", 1")
H = "H" CTS PE Handyloc Integral (3/4", 1")
J = C903 Integral (3/4", 1")
Q = "Q" CTS McQuik Integral (3/4", 1")
T = "T" CTS Integral (3/4", 1")
Y = "-3H" PEP Handyloc Integral (3/4")
Z = "-3Q" PEP McQuik Integral (3/4")

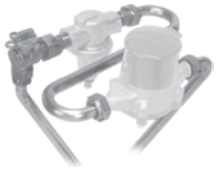
1" Meters
G = "G" CTS McGrip Integral (1")
H = "H" CTS PE Handyloc Integral (1")
J = C903 Integral (1")
Q = "Q" CTS McQuik Integral (1")
T = "T" CTS Integral (1")

Blank Space

Size Inlet & Outlet
3 = 3/4"
4 = 1"

For Tandem Series

751R Series Horizontal Tandem Setter



Example 751R207QNTT 33
Tandem setters are supplied with adapters and "S" tube. Please specify device length and threads when ordering.
12" minimum height on 1" tandem

- Standard device for 5/8", 5/8" x 3/4", 3/4" = 4"- 5" Long FNPT x FNPT
- Standard device for 1" = 5"- 6" Long FNPT x FNPT

A = 3/4" & 1" Port Angle Single Check Valve
F = 3/4" Port Angle Dual Check Valve (ASSE 1024)
G = Angle Lockwing Plug Valve
K = 3/4" & 1" Port Angle Lockwing Ball Valve
N = Flanged Tubing with Meter Nut
P = 1" Port Angle Dual Check Valve (ASSE 1024)
Q = Standard Port Angle Lockwing Ball Valve
Z = Brass Elbow

NOTE: Unless specified all tandem components have meter nuts without support lip.

OPTIONS
- Assemblies shipped with two 1/8" EPDM rubber meter gaskets.
- Insert stiffeners are required on all flexible plastic connections.
- **Not all combinations available, contact factory with your requirements.**
- **MOST METER SETTERS ARE MADE TO ORDER AND ARE NOT RETURNABLE.**
- **Please verify with the factory that the model number you have configured is available and meets your requirements.**

731 Series

FOR 5/8”, 5/8” X 3/4”, 3/4”, OR 1” METERS

Vertical Style, Integral CTS, PEP or C903 Compression Inlet & Outlet



5/8" Meter Size	Carton PCS/WT	Price	5/8" x 3/4" Meter Size	Carton PCS/WT	Price	3/4" Meter Size	Carton PCS/WT	Price	1" Meter Size	Carton PCS/WT	Price
731-1--WXTT 33	6/25	$166.29	731-2--WXTT 33	6/27	$166.29	731-3--WXTT 33	6/30	$216.50	731-4--WXTT 44	3/26	$320.85

Inlet / Outlet Option Adders (Price per end):

5/8", 5/8" x 3/4", or 3/4" Meters

Option	Size	List	Size	List
B - “-3G” PEP Grip	3/4"	N/C		
G - “G” CTS Grip	3/4"	N/C	1"	$17.74
H - “H” CTS HandyLoc	3/4”	$3.57	1”	$22.49
J - C903 type	3/4"	$26.69	1"	$36.71
Q - "Q" CTS	3/4"	N/C	1"	$17.73
T - "T" CTS	3/4"	N/C	1"	$17.73
Y - “-3H” Pep HandyLoc	3/4”	$4.77		
Z - "-3Q" PEP pipe	3/4"	N/C		

1" Meters

Option	Size	List
G - “G” CTS Grip	1"	N/C
H - “H” CTS HandyLoc	1”	$4.77
J - C903 type	1"	$36.71
Q - "Q" CTS	1"	N/C
T - "T" CTS	1"	N/C

Single Setter (with Saddle Nut)		1	2	3	4
Options - add or subtract from base setter model		5/8”	5/8” x 3/4”	3/4”	1”
Standard Ball Valve	W	$67.55	$67.55	$67.55	$135.55
Full Port Ball Valve	J	$123.36	$123.36	$123.36	$185.83
Plug Valve	L	$55.59	$55.59	$55.59	$85.23
Single Check Valve	C	$61.33	$61.33	$61.33	$73.72
Dual Check - ASSE	D	$123.48	$123.48	$123.48	$117.10
Dual Check - ASSE - Full Port	M	N/A	N/A	N/A	$214.32
Dual Check - Cascading (* adds x992 to end of model)	D*	$112.68	$112.68	$112.68	$117.11
Meter Swivel Nut	X	N/C	N/C	N/C	N/C
Additional height in 3” increments		$7.55	$7.55	$10.42	$12.10

Tandem Setter (less Saddle Nut) Change model from 731 series to 751R series		1	2	3	4
Options - add or subtract from base setter model		5/8”	5/8” x 3/4”	3/4”	1”
Standard Ball Valve	Q	$67.55	$67.55	$67.55	$135.55
Full Port Ball Valve	K	$123.36	$123.36	$123.36	$185.83
Plug Valve	G	$55.59	$55.59	$55.59	$85.23
Single Check Valve	A	$61.33	$61.33	$61.33	$73.72
Dual Check - ASSE	F	$123.48	$123.48	$123.48	$117.10
Dual Check - ASSE - Full Port	P	N/A	N/A	N/A	$214.32
Dual Check - Cascading (* adds x992 to end of model)	F*	$112.68	$112.68	$112.68	$117.11
Meter Swivel Nut	N	N/C	N/C	N/C	N/C
Tandem adder	7” - 9”	$133.04	$142.14	$172.81	-
	12”	$133.04	$142.14	$173.91	$259.54
	15”	$116.96	$126.01	$157.84	$259.54
	18” - 21”	$120.74	$129.90	$161.71	$259.54
	24” & Above	$120.74	$129.90	$161.71	$272.43

Tandem Setters or resetters include (2) 74619 connections and “S” tube with meter swivel nuts

Contact Factory for the following:

1. Handles for ball valves
2. Test cap on check valves
3. 360º turn valve cap (less check)

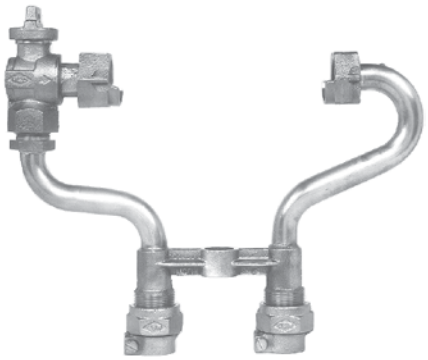
NOTES:

- 12” minimum height for 1” setters with dual check.
- Horizontal bracing eye, wire seal hole and lockwing are standard.
- **N/C** = No additional charge.

732 Series

FOR 5/8", 5/8" X 3/4", 3/4", OR 1" METERS

Vertical Style, Integral -22 CTS, -33 PEP-7, -44 PVC, or -55 IP Compression Inlet & Outlet



To order 732 Series Model No. **732-2--WX22 33** above means:

732	-	2	--	WX	22		33
Series	Style	Meter Size	Meter Height	Inlet and Outlet Valves	Type of connection Inlet and Outlet	Blank Space	Size Inlet & Outlet

Style
– = Standard

Meter Size
1 = 5/8"
2 = 5/8" x 3/4"
3 = 3/4"
4 = 1"

18" & Taller includes Brace Support Bar

Meter Height
-- = 7"
09 = 9"
-- = 10"
Standard 1" Meter
12 = 12"
15 = 15"
18 = 18"
21 = 21"
24 = 24"
27 = 27"

Additional heights available, contact factory

Inlet and Outlet Valves
C = 3/4" & 1" Port Angle Single Check Valve
D = 3/4" Port Angle Dual Check Valve (ASSE 1024)
L = Angle Lockwing Plug Valve
J = 3/4" & 1" Port Angle Lockwing Ball Valve
M = 1" Port Angle Dual Check Valve (ASSE 1024)
W = Standard Port Angle Lockwing Ball Valve
X = Flanged Tubing with Meter Nut

For other special meter connections, contact factory.

Type of connection Inlet and Outlet

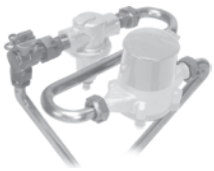
5/8", 5/8" x 3/4", 3/4" Meters
2 = "-22" CTS MacPak Integral (3/4", 1")
3 = "-33" PEP MacPak Integral (3/4")
4 = "-44" PVC MacPak Integral (3/4")
5 = "-55" IP MacPak Integral (3/4")

1" Meters
2 = "-22" CTS MacPak Integral (1")

Size Inlet & Outlet
3 = 3/4"
4 = 1"

For Tandem Series

752R Series Horizontal Tandem Setter



Example 752R207QN22 33
Tandem setters are supplied with adapters and "S" tube. Please specify device length and threads when ordering.
12" minimum height on 1" tandem

A = 3/4" & 1" Port Angle Single Check Valve
F = 3/4" Port Angle Dual Check Valve (ASSE 1024)
G = Angle Lockwing Plug Valve
K = 3/4" & 1" Port Angle Lockwing Ball Valve
N = Flanged Tubing with Meter Nut
P = 1" Port Angle Dual Check Valve (ASSE 1024)
Q = Standard Port Angle Lockwing Ball Valve
Z = Brass Elbow

NOTE: Unless specified all tandem components have meter nuts without support lip.

- Standard device for 5/8", 5/8" x 3/4", 3/4" = 4"- 5" Long FNPT x FNPT
- Standard device for 1" = 5"- 6" Long FNPT x FNPT

OPTIONS
- Assemblies shipped with two 1/8" EPDM rubber meter gaskets.
- Insert stiffeners are required on all flexible plastic connections.
- **Not all combinations available, contact factory with your requirements.**
- **MOST METER SETTERS ARE MADE TO ORDER AND ARE NOT RETURNABLE.**
- **Please verify with the factory that the model number you have configured is available and meets your requirements.**

732 Series

FOR 5/8”, 5/8” X 3/4”, 3/4”, OR 1” METERS

Vertical Style, Integral -22 CTS, -33 PEP-7, -44 PVC, or -55 IP Compression Inlet & Outlet



5/8" Meter Size	Carton PCS/WT	Price	5/8" x 3/4" Meter Size	Carton PCS/WT	Price	3/4" Meter Size	Carton PCS/WT	Price	1" Meter Size	Carton PCS/WT	Price
732-1--WX22 33		$166.29	732-2--WX22 33	6/24	$166.29	732-3--WX22 33	6/27	$216.05	732-4--WX22 44	3/18	$320.85

Inlet / Outlet Option Adders (Price per end):

5/8", 5/8" x 3/4", or 3/4" Meters

Option	Size	List	Size	List
2 - "-22" CTS	3/4"	N/C	1"	$17.73
3 - "-33" PEP	3/4"	N/C		
4 - "-44" PVC	3/4"	N/C		
5 - "-55" IP	3/4"	N/C		

1" Meters

Option	Size	List
2 - "-22" CTS	1"	N/C

Single Setter (with Saddle Nut)		1	2	3	4
Options - add or subtract from base setter model		5/8”	5/8” x 3/4”	3/4”	1”
Standard Ball Valve	W	$67.55	$67.55	$67.55	$135.55
Full Port Ball Valve	J	$123.36	$123.36	$123.36	$185.83
Plug Valve	L	$55.59	$55.59	$55.59	$85.23
Single Check Valve	C	$61.33	$61.33	$61.33	$73.72
Dual Check - ASSE	D	$123.48	$123.48	$123.48	$117.10
Dual Check - ASSE - Full Port	M	N/A	N/A	N/A	$214.32
Dual Check - Cascading (* adds x992 to end of model)	D*	$112.68	$112.68	$112.68	$117.11
Meter Swivel Nut	X	N/C	N/C	N/C	N/C
Additional height in 3” increments		$7.55	$7.55	$10.42	$12.10

Tandem Setter (less Saddle Nut) Change model from 732 series to 752R series		1	2	3	4
Options - add or subtract from base setter model		5/8”	5/8” x 3/4”	3/4”	1”
Standard Ball Valve	Q	$67.55	$67.55	$67.55	$135.55
Full Port Ball Valve	K	$123.36	$123.36	$123.36	$185.83
Plug Valve	G	$55.59	$55.59	$55.59	$85.23
Single Check Valve	A	$61.33	$61.33	$61.33	$73.72
Dual Check - ASSE	F	$123.48	$123.48	$123.48	$117.10
Dual Check - ASSE - Full Port	P	N/A	N/A	N/A	$214.32
Dual Check - Cascading (* adds x992 to end of model)	F*	$112.68	$112.68	$112.68	$117.11
Meter Swivel Nut	N	N/C	N/C	N/C	N/C
Tandem adder	7” - 9”	$133.04	$142.14	$172.81	-
	12”	$133.04	$142.14	$173.91	$259.54
	15”	$116.96	$126.01	$157.84	$259.54
	18” - 21”	$120.74	$129.90	$161.71	$259.54
	24” & Above	$120.74	$129.90	$161.71	$272.43

Tandem Setters or resetters include (2) 74619 connections and “S” tube with meter swivel nuts

Contact Factory for the following:

1. Handles for ball valves
2. Test cap on check valves
3. 360º turn valve cap (less check)

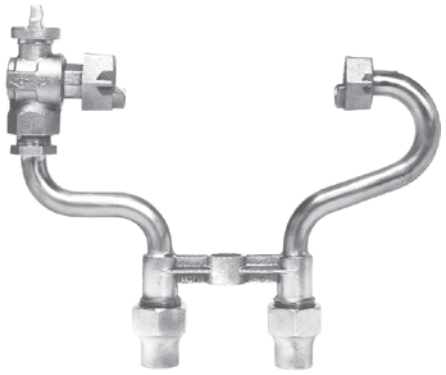
NOTES:

- 12” minimum height for 1” setters with dual check.
- Horizontal bracing eye, wire seal hole and lockwing are standard.
- **N/C** = No additional charge.

737 Series

FOR 5/8", 5/8" X 3/4", 3/4", OR 1" METERS

Vertical Style, Integral Flare Inlet x Integral Flare Outlet



To order 737 Series Model No. **737-2--WXCC 33** above means:

737	-	2	--	WX	CC		33
Series	Style	Meter Size	Meter Height	Inlet and Outlet Valves	Type of connection Inlet and Outlet	Blank Space	Size Inlet & Outlet

Style
- = Standard

Meter Size
- **1** = 5/8"
- **2** = 5/8" x 3/4"
- **3** = 3/4"
- **4** = 1"

18" & Taller includes Brace Support Bar

Meter Height
- **--** = 7"
- **09** = 9"
- **--** = 10"

Standard 1" Meter
- **12** = 12"
- **15** = 15"
- **18** = 18"
- **21** = 21"
- **24** = 24"
- **27** = 27"

Additional heights available, contact factory

Inlet and Outlet Valves
- **C** = 3/4" & 1" Port Angle Single Check Valve
- **D** = 3/4" Port Angle Dual Check Valve (ASSE 1024)
- **L** = Angle Lockwing Plug Valve
- **J** = 3/4" & 1" Port Angle Lockwing Ball Valve
- **M** = 1" Port Angle Dual Check Valve (ASSE 1024)
- **W** = Standard Port Angle Lockwing Ball Valve
- **X** = Flanged Tubing with Meter Nut

For other special meter connections, contact factory.

Type of connection Inlet and Outlet

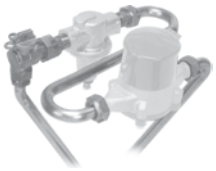
5/8", 5/8" x 3/4", 3/4" Meters
- **C** = Copper Flare Integral (3/4" or 1")

1" Meters
- **C** = Copper Flare Integral (1")

Size Inlet & Outlet
- **3** = 3/4"
- **4** = 1"

For Tandem Series

759R Series Horizontal Tandem Setter



Example 759R207QNCC 33
Tandem setters are supplied with adapters and "S" tube. Please specify device length and threads when ordering.
12" minimum height on 1" tandem

- **A** = 3/4" & 1" Port Angle Single Check Valve
- **F** = 3/4" Port Angle Dual Check Valve (ASSE 1024)
- **G** = Angle Lockwing Plug Valve
- **K** = 3/4" & 1" Port Angle Lockwing Ball Valve
- **N** = Flanged Tubing with Meter Nut
- **P** = 1" Port Angle Dual Check Valve (ASSE 1024)
- **Q** = Standard Port Angle Lockwing Ball Valve
- **Z** = Brass Elbow

NOTE: Unless specified all tandem components have meter nuts without support lip.

- Standard device for 5/8", 5/8" x 3/4", 3/4" = 4"- 5" Long FNPT x FNPT
- Standard device for 1" = 5"- 6" Long FNPT x FNPT

OPTIONS
- Assemblies shipped with two 1/8" EPDM rubber meter gaskets.
- Insert stiffeners are required on all flexible plastic connections.
- **Not all combinations available, contact factory with your requirements.**
- **MOST METER SETTERS ARE MADE TO ORDER AND ARE NOT RETURNABLE.**
- **Please verify with the factory that the model number you have configured is available and meets your requirements.**

737 Series

FOR 5/8”, 5/8” X 3/4”, 3/4”, OR 1” METERS

Vertical Style, Integral Flare Inlet x Integral Flare Outlet



5/8" Meter Size	Carton PCS/WT	Price	5/8" x 3/4" Meter Size	Carton PCS/WT	Price	3/4" Meter Size	Carton PCS/WT	Price	1" Meter Size	Carton PCS/WT	Price
737-1--WXCC 33	6/24	$164.88	737-2--WXCC 33	6/28	$164.88	737-3--WXCC 33	6/28	$192.78	737-4--WXCC 44	3/24	$328.81

Inlet Option Adders (Price per end):

5/8" or 5/8" x 3/4" Meters

Option	Size	List	Size	List
C - Copper Flare	3/4"	N/C	1"	$9.00

1" Meters

Option	Size	List
C - Copper Flare	1"	N/C

Single Setter (with Saddle Nut)		1	2	3	4
Options - add or subtract from base setter model		5/8”	5/8” x 3/4”	3/4”	1”
Standard Ball Valve	W	$67.55	$67.55	$67.55	$135.55
Full Port Ball Valve	J	$123.36	$123.36	$123.36	$185.83
Plug Valve	L	$55.59	$55.59	$55.59	$85.23
Single Check Valve	C	$61.33	$61.33	$61.33	$73.72
Dual Check - ASSE	D	$123.48	$123.48	$123.48	$117.10
Dual Check - ASSE - Full Port	M	N/A	N/A	N/A	$214.32
Dual Check - Cascading (* adds x992 to end of model)	D*	$112.68	$112.68	$112.68	$117.11
Meter Swivel Nut	X	N/C	N/C	N/C	N/C
Additional height in 3” increments		$7.55	$7.55	$10.42	$12.10

Tandem Setter (less Saddle Nut) Change model from 737 series to 759R series		1	2	3	4
Options - add or subtract from base setter model		5/8”	5/8” x 3/4”	3/4”	1”
Standard Ball Valve	Q	$67.55	$67.55	$67.55	$135.55
Full Port Ball Valve	K	$123.36	$123.36	$123.36	$185.83
Plug Valve	G	$55.59	$55.59	$55.59	$85.23
Single Check Valve	A	$61.33	$61.33	$61.33	$73.72
Dual Check - ASSE	F	$123.48	$123.48	$123.48	$117.10
Dual Check - ASSE - Full Port	P	N/A	N/A	N/A	$214.32
Dual Check - Cascading (* adds x992 to end of model)	F*	$112.68	$112.68	$112.68	$117.11
Meter Swivel Nut	N	N/C	N/C	N/C	N/C
Tandem adder	7” - 9”	$133.04	$142.14	$172.81	-
	12”	$133.04	$142.14	$173.91	$259.54
	15”	$116.96	$126.01	$157.84	$259.54
	18” - 21”	$120.74	$129.90	$161.71	$259.54
	24” & Above	$120.74	$129.90	$161.71	$272.43

Tandem Setters or resetters include (2) 74619 connections and “S” tube with meter swivel nuts

Contact Factory for the following:

1. Handles for ball valves
2. Test cap on check valves
3. 360º turn valve cap (less check)

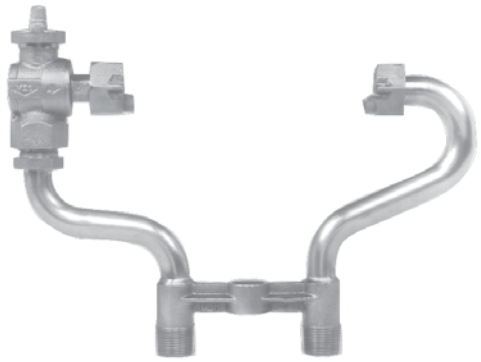
NOTES:

- 12" minimum height for 1" setters with dual check.
- Horizontal bracing eye, wire seal hole and lockwing are standard.
- **N/C** = No additional charge.

738 Series

FOR 5/8", 5/8" X 3/4", 3/4", OR 1" METERS

Vertical Style, Integral MNPT Inlet x Integral MNPT Outlet



To order 738 Series Model No. **738-2--WXPP 33** above means:

738	-	2	--	WX	PP		33
Series	Style	Meter Size	Meter Height	Inlet and Outlet Valves	Type of connection Inlet and Outlet	Blank Space	Size Inlet & Outlet

Style
- = Standard

Meter Size
- **1** = 5/8"
- **2** = 5/8" x 3/4"
- **3** = 3/4"
- **4** = 1"

18" & Taller includes Brace Support Bar

Meter Height
- -- = 7"
- **09** = 9"
- -- = 10"

Standard 1" Meter
- **12** = 12"
- **15** = 15"
- **18** = 18"
- **21** = 21"
- **24** = 24"
- **27** = 27"

Additional heights available, contact factory

Inlet and Outlet Valves
- **C** = 3/4" & 1" Port Angle Single Check Valve
- **D** = 3/4" Port Angle Dual Check Valve (ASSE 1024)
- **L** = Angle Lockwing Plug Valve
- **J** = 3/4" & 1" Port Angle Lockwing Ball Valve
- **M** = 1" Port Angle Dual Check Valve (ASSE 1024)
- **W** = Standard Port Angle Lockwing Ball Valve
- **X** = Flanged Tubing with Meter Nut

For other special meter connections, contact factory.

Type of connection Inlet and Outlet

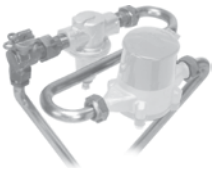
5/8", 5/8" x 3/4", 3/4" Meters
- **P** = Male Iron Pipe Integral (3/4")

1" Meters
- **P** = Male Iron Pipe Integral (1")

Size Inlet & Outlet
- **3** = 3/4"
- **4** = 1"

For Tandem Series

758R Series Horizontal Tandem Setter



Example 758R207QNPP 33
Tandem setters are supplied with adapters and "S" tube. Please specify device length and threads when ordering.
12" minimum height on 1" tandem

- **A** = 3/4" & 1" Port Angle Single Check Valve
- **F** = 3/4" Port Angle Dual Check Valve (ASSE 1024)
- **G** = Angle Lockwing Plug Valve
- **K** = 3/4" & 1" Port Angle Lockwing Ball Valve
- **N** = Flanged Tubing with Meter Nut
- **P** = 1" Port Angle Dual Check Valve (ASSE 1024)
- **Q** = Standard Port Angle Lockwing Ball Valve Rated at 300 PSIG
- **Z** = Brass Elbow

NOTE: Unless specified all tandem components have meter nuts without support lip.

- Standard device for 5/8", 5/8" x 3/4", 3/4" = 4"- 5" Long FNPT x FNPT
- Standard device for 1" = 5"- 6" Long FNPT x FNPT

OPTIONS
- Assemblies shipped with two 1/8" EPDM rubber meter gaskets.
- Insert stiffeners are required on all flexible plastic connections.
- **Not all combinations available, contact factory with your requirements.**
- **MOST METER SETTERS ARE MADE TO ORDER AND ARE NOT RETURNABLE.**
- **Please verify with the factory that the model number you have configured is available and meets your requirements.**

738 Series

FOR 5/8”, 5/8” X 3/4”, 3/4”, OR 1” METERS

Vertical Style, Integral MNPT Inlet x Integral MNPT Outlet



5/8" Meter Size	Carton PCS/WT	Price
738-1--WXPP 33	6/22	$188.87

5/8" x 3/4" Meter Size	Carton PCS/WT	Price
738-2--WXPP 33	6/23	$188.87

3/4" Meter Size	Carton PCS/WT	Price
738-3--WXPP 33	6/30	$212.59

1" Meter Size	Carton PCS/WT	Price
738-4--WXPP 44	3/22	$353.41

Inlet Option Adders (Price per end):

5/8", 5/8" x 3/4" or 3/4” Meters

Option	Size	List
P - Male iron pipe thread	3/4"	N/C

1" Meters

Option	Size	List
P - Male iron pipe thread	1"	N/C

Single Setter (with Saddle Nut)		1	2	3	4
Options - add or subtract from base setter model		5/8”	5/8” x 3/4”	3/4”	1”
Standard Ball Valve	W	$67.55	$67.55	$67.55	$135.55
Full Port Ball Valve	J	$123.36	$123.36	$123.36	$185.83
Plug Valve	L	$55.59	$55.59	$55.59	$85.23
Single Check Valve	C	$61.33	$61.33	$61.33	$73.72
Dual Check - ASSE	D	$123.48	$123.48	$123.48	$117.10
Dual Check - ASSE - Full Port	M	N/A	N/A	N/A	$214.32
Dual Check - Cascading (* adds x992 to end of model)	D*	$112.68	$112.68	$112.68	$117.11
Meter Swivel Nut	X	N/C	N/C	N/C	N/C
Additional height in 3” increments		$7.55	$7.55	$10.42	$12.10

Tandem Setter (less Saddle Nut) Change model from 738 series to 758R series		1	2	3	4
Options - add or subtract from base setter model		5/8”	5/8” x 3/4”	3/4”	1”
Standard Ball Valve	Q	$67.55	$67.55	$67.55	$135.55
Full Port Ball Valve	K	$123.36	$123.36	$123.36	$185.83
Plug Valve	G	$55.59	$55.59	$55.59	$85.23
Single Check Valve	A	$61.33	$61.33	$61.33	$73.72
Dual Check - ASSE	F	$123.48	$123.48	$123.48	$117.10
Dual Check - ASSE - Full Port	P	N/A	N/A	N/A	$214.32
Dual Check - Cascading (* adds x992 to end of model)	F*	$112.68	$112.68	$112.68	$117.11
Meter Swivel Nut	N	N/C	N/C	N/C	N/C
Tandem adder	7” - 9”	$133.04	$142.14	$172.81	-
	12”	$133.04	$142.14	$173.91	$259.54
	15”	$116.96	$126.01	$157.84	$259.54
	18” - 21”	$120.74	$129.90	$161.71	$259.54
	24” & Above	$120.74	$129.90	$161.71	$272.43

Tandem Setters or resetters include (2) 74619 connections and “S” tube with meter swivel nuts

Contact Factory for the following:

1. Handles for ball valves
2. Test cap on check valves
3. 360º turn valve cap (less check)

NOTES:

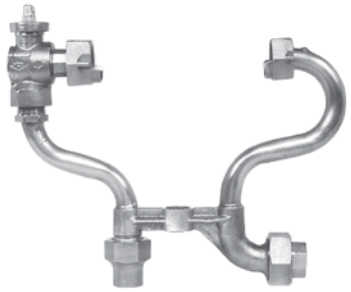
- 12" minimum height for 1" setters with dual check.
- Horizontal bracing eye, wire seal hole and lockwing are standard.
- **N/C** = No additional charge.

739 Series

FOR 5/8", 5/8" X 3/4", 3/4", OR 1" METERS

Vertical/Horizontal Style, Multiple Combinations

- Not all combinations are available, contact factory



Flare Integral *Double Purpose Outlet**

To order 739 Series Model No. **739-2--WXCD 33** above means:

739	-	2	--	WX (INLET OUTLET)	CD (INLET OUTLET)		33
Series	Style	Meter Size	Meter Height	Inlet and Outlet Valves	Type of connection Inlet and Outlet	Blank Space	Size Inlet & Outlet

Style
- – = Standard

Meter Size
- **1** = 5/8"
- **2** = 5/8" x 3/4"
- **3** = 3/4"
- **4** = 1"

18" & Taller includes Brace Support Bar

Meter Height
- -- = 7"
- **09** = 9"
- -- = 10"

Standard 1" Meter
- **12** = 12"
- **15** = 15"
- **18** = 18"
- **21** = 21"
- **24** = 24"
- **27** = 27"

Additional heights available, contact factory

Inlet and Outlet Valves
- **C** = 3/4" & 1" Port Angle Single Check Valve
- **D** = 3/4" Port Angle Dual Check Valve (ASSE 1024)
- **L** = Angle Lockwing Plug Valve
- **J** = 3/4" & 1" Port Angle Lockwing Ball Valve
- **M** = 1" Port Angle Dual Check Valve (ASSE 1024)
- **W** = Standard Port Angle Lockwing Ball Valve
- **X** = Flanged Tubing with Meter Nut

For other special meter connections, contact factory.

Type of connection Inlet and Outlet

5/8", 5/8" x 3/4", 3/4" Meters

Integral Inlet x Double Purpose Outlet*
- **C** = Copper Flare Integral (3/4")
- **T** = "T" CTS Integral (3/4")
- **2** = "-2"2 CTS MacPak Integral (3/4")

Double Purpose Inlet* x Integral Outlet
- **Q** = "Q" CTS McQuik Integral (3/4")
- **G** = "G" CTS McGrip Integral (3/4")
- **H** = "H" CTS PE Handyloc Integral (3/4")
- **T** = "T" CTS Integral (3/4")
- **2** = "-22" CTS MacPak Integral (3/4")

Integral Inlet / Outlet
- **C** = Copper Flare Integral (3/4")
- **T** = "T" CTS Integral (3/4")
- **2** = "-22" CTS MacPak Integral (3/4")

Double Purpose Options
- **C** = Copper Flare Union (3/4" or 1")
- **D** = Double Purpose Union (Flare or FNPT) (3/4")
- **F** = FNPT Union (1/2" or 1")
- **G** = "G" CTS McGrip Union (3/4")
- **J** = C903 Union (3/4")
- **M** = MNPT Union (3/4", 1" or 1 1/4")
- **Q** = "Q" CTS McQuik Union (3/4")
- **S** = Solder Union (3/4" or 1")
- **T** = "T" CTS Union (3/4", 1" or 1 1/4")
- **2** = "-22" CTS MacPak Union (3/4", 1" or 1 1/4")
- **3** = "-33" PEP MacPak Union (3/4" or 1")
- **4** = "-44" PVC MacPak Union (3/4" or 1")
- **5** = "-55" IP MacPak Union (3/4" or 1")

1" Meters

Integral Inlet x Double Purpose Outlet*
- **C** = Copper Flare Integral (1")
- **G** = "G" CTS McGrip Integral (1")
- **H** = "H" CTS PE Handyloc Integral (1")
- **Q** = "Q" CTS McQuik Integral (1")
- **T** = "T" CTS Integral (1")
- **2** = "-22" CTS MacPak Integral (1")

Double Purpose Inlet* x Integral Outlet
- **Q** = "Q" CTS McQuik Integral (1")
- **G** = "G" CTS McGrip Integral (1")
- **H** = "H" CTS PE Handyloc Integral (1")
- **T** = "T" CTS Integral (1")
- **2** = "-22" CTS MacPak Integral (1")

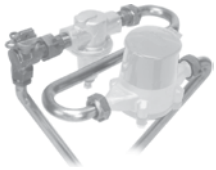
Integral Inlet / Outlet
- **G** = "G" CTS McGrip Integral (1" or 1 1/4" x 1")
- **H** = "H" CTS Handyloc Integral (1" or 1 1/4" x 1")
- **Q** = "Q" CTS McQuik Integral (1" or 1 1/4" x 1")
- **T** = "T" CTS Integral (1" or 1 1/4" x 1")
- **2** = "-22" CTS MacPak Integral (1" or 1 1/4" x 1")

Double Purpose Options
- **D** = Double Purpose Union (Flare or FNPT) (1")
- **M** = MNPT Union (1" or 1 1/4")
- **S** = Solder Union (1")

Size Inlet & Outlet
- **1** = 1/2"
- **3** = 3/4"
- **4** = 1"
- **5** = 1 1/4"

For Tandem Series

759 Series Horizontal Tandem Setter



Example 759-207QNCD 33
Tandem setters are supplied with adapters and "S" tube. Please specify device length and threads when ordering.
12" minimum height on 1" tandem

- **A** = 3/4" & 1" Port Angle Single Check Valve
- **F** = 3/4" Port Angle Dual Check Valve (ASSE 1024)
- **G** = Angle Lockwing Plug Valve
- **K** = 3/4" & 1" Port Angle Lockwing Ball Valve
- **N** = Flanged Tubing with Meter Nut
- **P** = 1" Port Angle Dual Check Valve (ASSE 1024)
- **Q** = Standard Port Angle Lockwing Ball Valve
- **Z** = Brass Elbow

NOTE: Unless specified all tandem components have meter nuts without support lip.

- Standard device for 5/8", 5/8" x 3/4", 3/4" = 4"- 5" Long FNPT x FNPT
- Standard device for 1" = 5"- 6" Long FNPT x FNPT

OPTIONS
- Assemblies shipped with two 1/8" EPDM rubber meter gaskets.
- Insert stiffeners are required on all flexible plastic connections.
- **Not all combinations available, contact factory with your requirements.**
- **MOST METER SETTERS ARE MADE TO ORDER AND ARE NOT RETURNABLE.**
- **Please verify with the factory that the model number you have configured is available and meets your requirements.**

739 Series

FOR 5/8", 5/8" X 3/4", 3/4", OR 1" METERS

Vertical/Horizontal Style, Multiple Combinations

- Not all combinations are available, contact factory



5/8" Meter Size	Carton PCS/WT	Price
739-107WXDD 33	6/43	$190.36

5/8" x 3/4" Meter Size	Carton PCS/WT	Price
739-207WXDD 33	6/31	$190.36

3/4" Meter Size	Carton PCS/WT	Price
739-307WXDD 33	6/32	$190.36

1" Meter Size	Carton PCS/WT	Price
739-410WXDD 44		$359.67

Inlet / Outlet Option Adders (Price per end):

5/8", 5/8" x 3/4", or 3/4" Meters

Option	Size	List	Size	List
C - Copper flare union	3/4"	$21.66	1"	$38.97
D - Double Purpose Union (Flare or FNPT)	3/4"	N/C		
F - FNPT union	1/2"	$11.23	1"	$10.10
G - "G" CTS union	3/4"	$15.47		
H - "H" CTS HandyLoc union	3/4"	$19.04		
J - C903 type union	3/4"	$42.15		
L - Less end connection	3/4"	$-15.84		
M - MNPT union	3/4"	N/C	1"	$10.10
Q - "Q" CTS union	3/4"	$15.47		
S - Solder union	3/4"	N/C	1"	$5.24
T - "T" CTS union	3/4"	$15.47	1"	$34.76
2 - "-22" CTS union	3/4"	$15.47	1"	$34.76
3 - "-33" PEP union	3/4"	$44.65		
4 - "-44" PVC union	3/4"	$44.65		
5 - "-55" IP union	3/4"	$44.65		

1" Meters

Option	Size	List
D - Double Purpose Union (Flare or FNPT)	1"	N/C
J - C903 type union	1"	$36.71
L - Less end connection	1"	$-25.38
M - MNPT union	1"	N/C
Q - "Q" CTS union	1"	$28.08
S - Solder union	1"	N/C
T - "T" CTS union	1"	$28.08
2 - "-22" CTS union	1"	$28.08

Inlet / Outlet Option Adders (Price per end):

5/8", 5/8" x 3/4", or 3/4" Meters

Option	Size	List	Size	List	Size	List
2 - "-22" CTS	3/4"	$5.40	1"	$1.30	1 1/4"	$43.05
3 - "-33" PEP	3/4"	N/C	1"	$10.10		
4 - "-44" PVC	3/4"	N/C	1"	$10.10		
5 - "-55" IP	3/4"	N/C	1"	$10.10		
Flare	3/4"	$7.63				

1" Meters

Option	Size	List	Size	List
2 - "-22" CTS	1"	N/C	1 1/4"	$11.82
3 - "-33" PEP	1"	$14.56		
4 - "-44" PVC	1"	$14.56		
5 - "-55" IP	1"	$14.56		

Single Setter (with Saddle Nut)

Options - add or subtract from base setter model		1 5/8"	2 5/8" x 3/4"	3 3/4"	4 1"
Standard Ball Valve	W	$67.55	$67.55	$67.55	$135.55
Full Port Ball Valve	J	$123.36	$123.36	$123.36	$185.83
Single Check Valve	C	$55.59	$55.59	$55.59	$85.23
Plug Valve	L	$61.33	$61.33	$61.33	$73.72
Dual Check - ASSE	D	$123.48	$123.48	$123.48	$117.10
Dual Check - ASSE - Full Port	M	N/A	N/A	N/A	$214.32
Dual Check - Cascading (* adds x992 to end of model)	D*	$112.68	$112.68	$112.68	$117.11
Meter Swivel Nut	X	N/C	N/C	N/C	N/C
Additional height in 3" increments		$7.55	$7.55	$10.42	$12.10

Tandem Setter (less Saddle Nut)
Change model from 739 series to 759R series

Options - add or subtract from base setter model		1 5/8"	2 5/8" x 3/4"	3 3/4"	4 1"
Standard Ball Valve	Q	$67.55	$67.55	$67.55	$135.55
Full Port Ball Valve	K	$123.36	$123.36	$123.36	$185.83
Single Check Valve	A	$55.59	$55.59	$55.59	$85.23
Plug Valve	G	$61.33	$61.33	$61.33	$73.72
Dual Check - ASSE	F	$123.48	$123.48	$123.48	$117.10
Dual Check - ASSE - Full Port	P	N/A	N/A	N/A	$214.32
Dual Check - Cascading (* adds x992 to end of model)	F*	$112.68	$112.68	$112.68	$117.11
Meter Swivel Nut	N	N/C	N/C	N/C	N/C
Tandem adder	7" - 9"	$133.04	$142.14	$172.81	-
	12"	$133.04	$142.14	$173.91	$259.54
	15"	$116.96	$126.01	$157.84	$259.54
	18" - 21"	$120.74	$129.90	$161.71	$259.54
	24" & Above	$120.74	$129.90	$161.71	$272.43

Tandem Setters or resetters include (2) 74619 connections and "S" tube with meter swivel nuts

Contact Factory for the following:

1. Handles for ball valves
2. Test cap on check valves
3. 360º turn valve cap (less check)

NOTES:

- 12" minimum height for 1" setters with dual check.
- Horizontal bracing eye, wire seal hole and lockwing are standard.
- **N/C** = No additional charge.

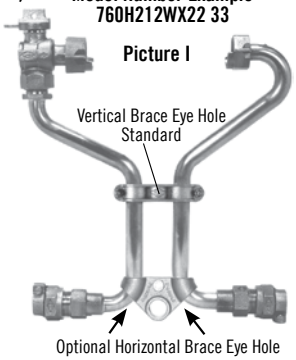
760, 761, 762, 763 Series

FOR 5/8", 5/8" X 3/4", 3/4", OR 1" METERS

Horizontal "F" Series (Flexible)

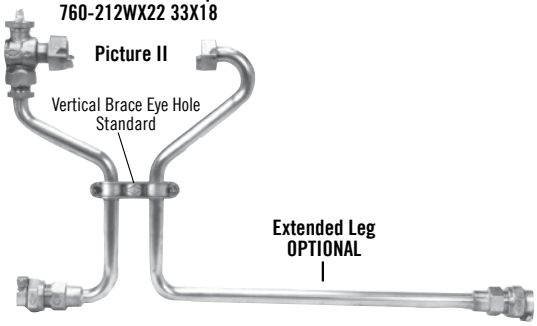
Model Number Example
760H212WX22 33

Picture I



Model Number Example
760-212WX22 33X18

Picture II



To order 760 Series Model No. **760-212WX22 33x18** above means:

760	-	2	12	WX	22		33	18
Series	Style	Meter Size	Meter Height	Inlet and Outlet Valves	Type of connection Inlet and Outlet	Blank Space	Size Inlet & Outlet	Extended Leg

Style
- – = Standard
- **H** = Horizontal Brace Eye (3/4" or 1")

Meter Size
- **1** = 5/8"
- **2** = 5/8" x 3/4"
- **3** = 3/4"
- **4** = 1"

Meter Height
- **12** = 12" Minimum for 5/8", 5/8" x 3/4", 3/4" Meter
- **15** = 15" Minimum for 1" Meter
- **18** = 18"
- **21** = 21"
- **24** = 24"
- **27** = 27"

18" & Taller includes Brace Support Bar

Additional heights available, contact factory

Inlet and Outlet Valves
- **C** = 3/4" & 1" Port Angle Single Check Valve
- **D** = 3/4" Port Angle Dual Check Valve (ASSE 1024)
- **L** = Angle Lockwing Plug Valve
- **J** = 3/4" & 1" Port Angle Lockwing Ball Valve
- **M** = 1" Port Angle Dual Check Valve (ASSE 1024)
- **W** = Standard Port Angle Lockwing Ball Valve
- **X** = Flanged Tubing with Meter Nut

For other special meter connections, contact factory.

Type of connection Inlet and Outlet

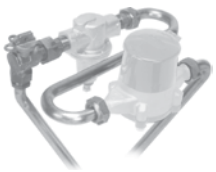
5/8", 5/8" x 3/4", 3/4" Meters
- **B** = "-3G" PEP McGrip Integral (3/4" or 1")
- **C** = Copper Flare Integral (3/4" or 1")
- **D** = Double Purpose Union (Flare or FNPT) (3/4")
- **F** = FNPT Union (1/2" or 1")
- **G** = "G" CTS McGrip Integral (3/4" or 1")
- **H** = "H" CTS PE Handyloc Integral (3/4"or 1")
- **J** = C903 Integral (3/4" or 1")
- **M** = MNPT Union (3/4", 1")
- **P** = MNPT Integral (3/4" or 1")
- **Q** = "Q" CTS McQuik Integral (3/4" or 1")
- **S** = Solder Union (3/4" or 1")
- **T** = "T" CTS Integral (3/4" or 1")
- **Y** = "-3H" PEP Handyloc Integral (3/4"or 1")
- **Z** = "-3Q" PEP McQuik Integral (3/4")
- **2** = "-22" CTS MacPak Integral (3/4" or 1")
- **3** = "-33" PEP MacPak Integral (3/4")
- **4** = "-44" PVC MacPak Integral (3/4")
- **5** = "-55" IP MacPak Integral (3/4")

1" Meters
- **B** = "-3G" PEP McGrip Union (1")
- **C** = Copper Flare Integral (1")
- **D** = Double Purpose Union (Flare or FNPT) 1")
- **G** = "G" CTS McGrip Union (1")
- **H** = "H" CTS PE Handyloc Integral (1")
- **J** = C903 Integral (1")
- **I** = FNPT Integral (1")
- **M** = MNPT Union (1" or 1 1/4)
- **P** = MNPT Integral (1")
- **Q** = "Q" CTS McQuik Integral (1")
- **S** = Solder Union (1")
- **T** = "T" CTS Integral (1")
- **Y** = "-3H PEP Handyloc Integral (1")
- **Z** = "-3Q" PEP McQuik Integral (1")
- **2** = "-22" CTS MacPak Integral (1")
- **3** = "-33" PEP MacPak Integral (1")
- **4** = "-44" PVC MacPak Integral (1")
- **5** = "-55" IP MacPak Integral (1")

For Tandem Series

761 Series Horizontal Tandem Setter

763 Series Vertical Horizontal Tandem



Example 761-207QNDD 33
Tandem setters are supplied with adapters and "S" tube. Please specify device length and threads when ordering.
12" minimum height on 1" tandem

- Standard device for 5/8", 5/8" x 3/4", 3/4" = 4"- 5" Long FNPT x FNPT
- Standard device for 1" = 5"- 6" Long FNPT x FNPT

- **A** = 3/4" & 1" Port Angle Single Check Valve
- **F** = 3/4" Port Angle Dual Check Valve (ASSE 1024)
- **G** = Angle Lockwing Plug Valve
- **K** = 3/4" & 1" Port Angle Lockwing Ball Valve
- **N** = Flanged Tubing with Meter Nut
- **P** = 1" Port Angle Dual Check Valve (ASSE 1024)
- **Q** = Standard Port Angle Lockwing Ball Valve
- **Z** = Brass Elbow

NOTE: Unless specified all tandem components have meter nuts without support lip.

OPTIONS
- Assemblies shipped with two 1/8" EPDM rubber meter gaskets.
- Insert stiffeners are required on all flexible plastic connections.
- **Not all combinations available, contact factory with your requirements.**
- **MOST METER SETTERS ARE MADE TO ORDER AND ARE NOT RETURNABLE.**
- **Please verify with the factory that the model number you have configured is available and meets your requirements.**

760, 761, 762, 763 Series

FOR 5/8”, 5/8” X 3/4”, 3/4”, OR 1” METERS

Horizontal “F” Style (Flexible)

5/8" Meter Size	Carton PCS/WT	Price
760-112WXPP 33	6/27	$209.23
760-115WXPP 33	6/30	$214.16
760-118WXPP 33	6/33	$238.71
760-121WXPP 33	6/36	$247.77
760-124WXPP 33	6/39	$255.14

5/8" x 3/4" Meter Size	Carton PCS/WT	Price
760-212WXPP 33	6/27	$213.83
760-215WXPP 33	6/30	$218.76
760-218WXPP 33	6/33	$243.25
760-221WXPP 33	6/36	$252.28
760-224WXPP 33	6/39	$259.61

3/4" Meter Size	Carton PCS/WT	Price
760-312WXPP 33	6/27	$245.90
760-315WXPP 33	6/30	$255.45
760-318WXPP 33	6/33	$277.76
760-321WXPP 33	6/36	$287.63
760-324WXPP 33	6/39	$297.71

1" Meter Size	Carton PCS/WT	Price
760-415WXPP 44	3/24	$368.03
760-418WXPP 44	3/29	$405.32
760-421WXPP 44	3/30	$423.19
760-424WXPP 44	3/33	$434.00

Connection Option Adders (Price per end):

5/8", 5/8" x 3/4", or 3/4" Meters

Option	Size	List	Size	List
B - “-3G” PEP Grip	3/4"	N/C	1"	$13.29
C - Copper flare union	3/4"	$6.61	1"	$19.89
D - Double Purpose (Flare or FNPT)	3/4"	$15.79		
F - FNPT union	1/2”	$32.35	1”	$38.83
G - “G” CTS Grip	3/4"	N/C	1"	$17.74
I - FNPT Integral		N/C		
J - C903	3/4"	$26.69	1"	$36.71
M - MNPT union	3/4”	$15.79	1”	$22.56
P - MNPT (Integral)	3/4”	N/C	1”	$25.45
Q - "Q" CTS	3/4"	$12.85	1"	$30.00
S - Solder union	3/4”	$30.39	1”	$38.65
T - "T" CTS	3/4"	$12.85	1”	$30.00
Y - “-3H” Pep HandyLoc	3/4”	$4.77	1”	$20.46
Z - “-3Q” PEP	3/4”	$16.93	1”	$38.65
2 - "-22" CTS	3/4"	$12.85	1"	$30.00
3 - "-33" PEP	3/4"	$16.93	1”	$38.55
4 - "-44" PVC	3/4"	$16.93	1”	$38.55
5 - "-55" IP	3/4"	$16.93	1”	$38.55

1" Meters

Option	Size	List	Size	List
B - “-3G” PEP Grip	1”	$14.48		
C - Copper flare union	1”	$14.01		
D - Double Purpose (Flare or FNPT)	1”	$29.52		
G - “G” CTS Grip	1”	N/C		
I - FNPT Integral	1”	N/C		
J - C903	1”	$38.90		
M - MNPT union	1”	$29.52		
P - MNPT (Integral)	1”	N/C		
Q - "Q" CTS	1”	$19.16	1 1/4”	$6.70
S - Solder union	1”	N/C		
T - "T" CTS	1”	$19.16		
Y - “-3H” Pep HandyLoc	1”	$21.71		
Z - “-3Q” PEP	1”	$37.10		
2 - "-22" CTS	1”	$19.16		
3 - "-33" PEP	1”	$37.10		
4 - "-44" PVC	1”	$37.10		
5 - "-55" IP	1”	$37.10		

Single Setter (with Saddle Nut)

Options - add or subtract from base setter model		1 5/8”	2 5/8” x 3/4”	3 3/4”	4 1”
Standard Ball Valve	W	$67.55	$67.55	$67.55	$135.55
Full Port Ball Valve	J	$123.36	$123.36	$123.36	$185.83
Single Check Valve	C	$55.59	$55.59	$55.59	$85.23
Plug Valve	L	$61.33	$61.33	$61.33	$73.72
Dual Check - ASSE	D	$123.48	$123.48	$123.48	$117.10
Dual Check - ASSE - Full Port	M	N/A	N/A	N/A	$214.32
Dual Check - Cascading (* adds x992 to end of model)	D*	$112.68	$112.68	$112.68	$117.11
Meter Swivel Nut	X	N/C	N/C	N/C	N/C
Additional height in 3” increments		$7.55	$7.55	$10.42	$12.10

Adder for Horizontal Brace eye (H) in Place of Dash (-):
3/4” - $ 18.17
1” - $ 24.25

Tandem Setter (less Saddle Nut)
Change model from 760 or 762 series to 761 or 763 series

Options - add or subtract from base setter model		1 5/8”	2 5/8” x 3/4”	3 3/4”	4 1”
Standard Ball Valve	Q	$67.55	$67.55	$67.55	$135.55
Full Port Ball Valve	K	$123.36	$123.36	$123.36	$185.83
Single Check Valve	A	$55.59	$55.59	$55.59	$85.23
Plug Valve	G	$61.33	$61.33	$61.33	$73.72
Dual Check - ASSE	F	$123.48	$123.48	$123.48	$117.10
Dual Check - ASSE - Full Port	P	N/A	N/A	N/A	$214.32
Dual Check - Cascading (* adds x992 to end of model)	F*	$112.68	$112.68	$112.68	$117.11
Meter Swivel Nut	N	N/C	N/C	N/C	N/C
Tandem adder	7” - 9”	$133.04	$142.14	$172.81	-
	12”	$133.04	$142.14	$173.91	$259.54
	15”	$116.96	$126.01	$157.84	$259.54
	18” - 21”	$120.74	$129.90	$161.71	$259.54
	24” & Above	$120.74	$129.90	$161.71	$272.43

Option	5/8” OR 5/8” x 3/4”	3/4”	1”
9” Leg	$12.45	-	$19.45
12” Leg	$16.44	$21.22	$26.90
15” Leg	$21.41	$27.90	$34.38
18” Leg	$25.86	$33.64	$40.65
24” Leg	$32.89	-	$50.42

Tandem Setters or resetters include (2) 74619 connections and “S” tube with meter swivel nuts

Contact Factory for the following:

1. Handles for ball valves
2. Test cap on check valves
3. 360º turn valve cap (less check)

NOTES:
- 12" minimum height for 1" setters with dual check.
- Vertical bracing eye, wire seal hole and lockwing are standard.
- **N/C** = No additional charge.

764 Series

FOR 5/8", 5/8" X 3/4", 3/4", OR 1" METERS

Low Rise Horizontal "F" Style (Flexible)



To order 764 Series Model No. **764-204WDPP 33** above means:

764	-	2	04	WD (INLET OUTLET)	PP (INLET OUTLET)		33
Series	Style	Meter Size	Meter Height	Inlet and Outlet Valves	Type of connection Inlet and Outlet	Blank Space	Size Inlet & Outlet

Style
- = Standard

Meter Size
- **1** = 5/8"
- **2** = 5/8" x 3/4"
- **3** = 3/4"
- **4** = 1"

18" & Taller includes Brace Support Bar

Meter Height
- **04** = 4"
- **06** = 6"
- **07** = 7"
- **09** = 9"
- **10** = 10"

Standard 1" Meter
- **12** = 12"
- **15** = 15"
- **18** = 18"
- **21** = 21"
- **24** = 24"
- **27** = 27"

Additional heights available, contact factory

Inlet and Outlet Valves
- **C** = 3/4" & 1" Port Angle Single Check Valve
- **D** = 3/4" Port Angle Dual Check Valve (ASSE 1024)
- **L** = Angle Lockwing Plug Valve
- **J** = 3/4" & 1" Port Angle Lockwing Ball Valve
- **M** = 1" Port Angle Dual Check Valve (ASSE 1024)
- **W** = Standard Port Angle Lockwing Ball Valve
- **X** = Flanged Tubing with Meter Nut

For other special meter connections, contact factory.

Type of connection Inlet and Outlet

5/8", 5/8" x 3/4", 3/4" Meters
- **B** = "-3G" PEP McGrip Integral (3/4" or 1")
- **C** = Copper Flare Integral (3/4" or 1")
- **D** = Double Purpose Union (Flare or FNPT) (3/4")
- **F** = FNPT Union (1/2" or 1")
- **G** = "G" CTS McGrip Integral (3/4" or 1")
- **H** = "H" CTS PE Handyloc Integral (3/4"or 1")
- **J** = C903 Integral (3/4" or 1")
- **M** = MNPT Union (3/4",1")
- **P** = MNPT Integral (3/4" or 1")
- **Q** = "Q" CTS McQuik Integral (3/4" or 1")
- **S** = Solder Union (3/4" or 1")
- **T** = "T" CTS Integral (3/4" or 1")
- **Y** = "-3H" PEP Handyloc Integral (3/4"or 1")
- **Z** = "-3Q" PEP McQuik Integral (3/4")
- **2** = "-22" CTS MacPak Integral (3/4" or 1")
- **3** = "-33" PEP MacPak Integral (3/4")
- **4** = "-44" PVC MacPak Integral (3/4")
- **5** = "-55" IP MacPak Integral (3/4")

1" Meters
- **B** = "-3G" PEP McGrip Union (1")
- **C** = Copper Flare Integral (1")
- **D** = Double Purpose Union (Flare or FNPT) 1")
- **G** = "G" CTS McGrip Integral (1")
- **H** = "H" CTS PE Handyloc Integral (1")
- **I** = FNPT Integral (1")
- **J** = C903 Integral (1")
- **M** = MNPT Union (1" or 1 1/4")
- **P** = MNPT Integral (1")
- **Q** = "Q" CTS McQuik Integral (1")
- **S** = Solder Union (1")
- **T** = "T" CTS Integral (1")
- **Y** = "-3H" PEP Handyloc Integral (1")
- **Z** = "-3Q" PEP McQuik Integral (1")
- **2** = "-22" CTS MacPak Integral (1")
- **3** = "-33" PEP MacPak Integral (1")
- **4** = "-44" PVC MacPak Integral (1")
- **5** = "-55" IP MacPak Integral (1")

Size Inlet & Outlet
- **1** = 1/2"
- **3** = 3/4"
- **4** = 1"

OPTIONS
- Assemblies shipped with two 1/8" EPDM rubber meter gaskets.
- Insert stiffeners are required on all flexible plastic connections.
- **Not all combinations available, contact factory with your requirements.**
- **MOST METER SETTERS ARE MADE TO ORDER AND ARE NOT RETURNABLE.**
- **Please verify with the factory that the model number you have configured is available and meets your requirements.**

764 Series

FOR 5/8”, 5/8” X 3/4”, 3/4”, OR 1” METERS

Low Rise Horizontal “F” Style (Flexible)



5/8" Meter Size	Carton PCS/WT	Price
764-104WWPP 33	6/30	$276.79

5/8" x 3/4" Meter Size	Carton PCS/WT	Price
764-204WWPP 33	6/36	$281.41

3/4" Meter Size	Carton PCS/WT	Price
764-304WWPP 33	6/42	$313.45

1" Meter Size	Carton PCS/WT	Price
764-406WWPP 44	3/30	$503.56

Connection Option Adders (Price per end):

5/8", 5/8" x 3/4", or 3/4" Meters

Option	Size	List	Size	List
B - “-3G” PEP Grip	3/4"	N/C	1"	$13.29
C - Copper flare union	3/4"	$6.61	1"	$19.89
D - Double Purpose (Flare or FNPT)	3/4"	$15.79		
F - FNPT union	1/2”	$32.35	1”	$38.83
G - “G” CTS Grip	3/4"	N/C	1"	$17.74
I - FNPT Integral		N/C		
J - C903	3/4"	$26.69	1"	$36.71
M - MNPT union	3/4”	$15.79	1”	$22.56
P - MNPT (Integral)	3/4”	N/C		
Q - "Q" CTS	3/4"	$12.85	1"	$30.00
S - Solder union	3/4”	$30.39	1”	$38.65
T - "T" CTS	3/4"	$12.85	1”	$30.00
Y - “-3H” Pep HandyLoc	3/4”	$4.77	1”	$20.46
Z - “-3Q” PEP	3/4”	$16.93	1”	$38.65
2 - "-22" CTS	3/4"	$12.85	1"	$30.00
3 - "-33" PEP	3/4"	$16.93	1”	$38.55
4 - "-44" PVC	3/4"	$16.93	1”	$38.55
5 - "-55" IP	3/4"	$16.93	1”	$38.55

1" Meters

Option	Size	List	Size	List
B - “-3G” PEP Grip	1”	$14.48		
C - Copper flare integral	1”	$14.01		
D - Double Purpose (Flare or FNPT)	1”	$29.52		
G - “G” CTS Grip	1”	N/C		
I - FNPT Integral	1”	N/C		
J - C903	1”	$38.90		
M - MNPT union	1”	$29.52		
P - MNPT (Integral)	1”	N/C		
Q - "Q" CTS	1”	$19.16	1 1/4”	$6.70
S - Solder union	1”	N/C		
T - "T" CTS	1”	$19.16		
Y - “-3H” Pep HandyLoc	1”	$21.71		
Z - “-3Q” PEP	1”	$37.10		
2 - "-22" CTS	1”	$19.16		
3 - "-33" PEP	1”	$37.10		
4 - "-44" PVC	1”	$37.10		
5 - "-55" IP	1”	$37.10		

Single Setter (with Saddle Nut)		1	2	3	4
Options - add or subtract from base setter model		5/8”	5/8” x 3/4”	3/4”	1”
Standard Ball Valve	W	$67.55	$67.55	$67.55	$135.55
Full Port Ball Valve	J	$123.36	$123.36	$123.36	$185.83
Single Check Valve	C	$55.59	$55.59	$55.59	$85.23
Plug Valve	L	$61.33	$61.33	$61.33	$73.72
Dual Check - ASSE	D	$123.48	$123.48	$123.48	$117.10
Dual Check - ASSE - Full Port	M	N/A	N/A	N/A	$214.32
Dual Check - Cascading (* adds x992 to end of model)	D*	$112.68	$112.68	$112.68	$117.11
Meter Swivel Nut	X	N/C	N/C	N/C	N/C
Additional height in 3” increments		$7.55	$7.55	$10.42	$12.10

Contact Factory for the following:

1. Handles for ball valves
2. Test cap on check valves
3. 360º turn valve cap (less check)

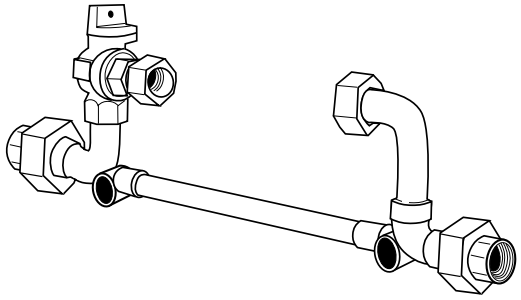
NOTES:

- 12" minimum height for 1" setters with dual check.
- Horizontal bracing eye, wire seal hole and lockwing are standard.
- **N/C** = No additional charge.

770 Series

FOR 5/8”, 5/8” X 3/4”, 3/4”, OR 1” METERS

Horizontal “L” Style, Multiple Combinations



To order 770 Series Model No. **770-2--QNDD 33** above means:

770	-	2	--	QN	DD		33
Series	Style	Meter Size	Meter Height	Inlet and Outlet Valves	Type of connection Inlet and Outlet	Blank Space	Size Inlet & Outlet

Style
- = Standard

Meter Size
1 = 5/8"
2 = 5/8" x 3/4"
3 = 3/4"
4 = 1”

Inlet and Outlet Valves
A = 3/4” & 1” Port Angle Single Check Valve
F = 3/4” Port Angle Dual Check Valve (ASSE 1024)
G = Angle Lockwing Plug Valve
K = 3/4” & 1” Port Angle Lockwing Ball Valve
N = Flanged Tubing with Meter Nut
P = 1” Port Angle Dual Check Valve (ASSE 1024)
Q = Standard Port Angle Lockwing Ball Valve
Z = Brass Elbow

NOTE: Unless specified all tandem components have meter nuts without support lip.

Size Inlet & Outlet
3 = 3/4"
4 = 1"

5/8”, 5/8” x 3/4”, 3/4” Meters

Inlet & Outlet Connections
C = Copper Flare Union (3/4” Integral or 1” Union)
D = Double Purpose Union (Flare or FNPT) (3/4”)
F = FNPT Union (1/2” or 1”)
G = “G” CTS McGrip Integral (3/4”)
H = “H” CTS PE Handyloc Integral (3/4”)
M = MNPT Union (3/4”, 1”)
Q = “Q” CTS McQuik Integral (3/4”)
S = Solder Union (3/4” or 1”)
T = “T” CTS Integral (3/4” or 1” union)
2 = “-22” CTS MacPak Integral (3/4” or 1” union)
3 = “-33” PEP MacPak Union (3/4”)
4 = “-44” PVC MacPak Union (3/4”)
5 = “-55” IP MacPak Union (3/4”)

1” Meters

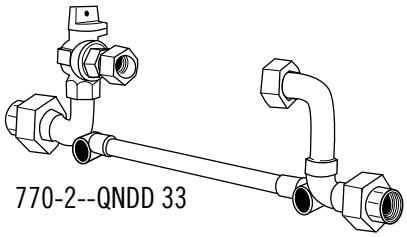
Inlet & Outlet Connections
C = Copper Flare Integral (1”)
D = Double Purpose Union (Flare or FNPT) (1”)
G = “G” CTS McGrip Integral (1”)
H = “H” CTS PE Handyloc Integral (1”)
M = MNPT Union (1” or 1 1/4”)
P = MNPT Integral
Q = “Q” CTS McQuik Integral (1”)
S = Solder Union
T = “T” CTS Integral (1”)
2 = “-22” CTS MacPak Integral (1”)

OPTIONS
- Assemblies shipped with two 1/8" EPDM rubber meter gaskets.
- Insert stiffeners are required on all flexible plastic connections.
- **Not all combinations available, contact factory with your requirements.**
- **MOST METER SETTERS ARE MADE TO ORDER AND ARE NOT RETURNABLE.**
- **Please verify with the factory that the model number you have configured is available and meets your requirements.**

770 Series

FOR 5/8”, 5/8” X 3/4”, 3/4”, OR 1” METERS

Horizontal “L” Style, Multiple Combinations



770-2--QNDD 33

5/8" Meter Size	Carton PCS/WT	Price	5/8" x 3/4" Meter Size	Carton PCS/WT	Price	3/4" Meter Size	Carton PCS/WT	Price	1" Meter Size	Carton PCS/WT	Price
770-1--QNDD 33	6/27	$183.61	770-2--QNDD 33	6/33	$188.99	770-3--QNDD 33		$202.37	770-4--QNDD 44	3/26	$356.80

Inlet Option Adders (Price per end):

5/8", 5/8" x 3/4", or 3/4" Meters

Option	Size	List	Size	List
C - Copper flare 3/4” Integral or 1” union	3/4"	$21.66	1"	$38.97
D - Double Purpose (Flare or FNPT)	3/4"	N/C		
F - FNPT union	1/2”	$11.23	1”	$10.10
G - “G” CTS 3/4” Integral	3/4”	$15.47		
M - MNPT union	3/4”	N/C	1”	$10.10
P - MNPT Integral	3/4”	$-6.38		
Q - "Q" CTS	3/4"	$15.47		
S - Solder union	3/4”	N/C	1”	$5.24
T - "T" CTS 3/4” Integral / 1” union	3/4"	$15.47	1”	$34.76
2 - "-22" CTS 3/4” Integral / 1” union	3/4"	$15.47	1"	$34.76
3 - "-33" PEP union	3/4"	$44.65		
4 - "-44" PVC union	3/4"	$44.65		
5 - "-55" IP union	3/4"	$44.65		

Outlet Option Adders (Price per end):

5/8”, 5/8” x 3/4”, or 3/4” Meters

Option	Size	List	Size	List
C - Copper flare 3/4” Integral	3/4"	$21.66	1"	$38.97
D - Double Purpose (Flare or FNPT)	3/4"	N/C		
F - FNPT union	1/2”	$11.23	1”	$10.10
G - “G” CTS 3/4” Integral	3/4”	$15.47		
M - MNPT union	3/4”	N/C	1”	$10.10
P - MNPT Integral	3/4”	$-6.38		
Q - "Q" CTS	3/4"	$15.47		
S - Solder union	3/4”	N/C	1”	$5.24
T - "T" CTS 3/4” Integral / 1” union	3/4"	$15.47	1”	$34.76
2 - "-22" CTS 3/4” Integral / 1” union	3/4"	$15.47	1"	$34.76
3 - "-33" PEP union	3/4"	$44.65		
4 - "-44" PVC union	3/4"	$44.65		
5 - "-55" IP union	3/4"	$44.65		

Inlet Option Adders (Price per end):

1" Meters

Option	Size	List
C - Copper flare Integral	1”	N/C
D - Double Purpose (Flare or FNPT)	1”	N/C
G - “G” CTS Integral	1”	N/C
H - “H” CTS Handylock Integral	1”	$4.77
P - MNPT Integral	1”	N/C
S - Solder union	1”	N/C
2 - "-22" CTS Integral	1”	N/C
T - Integral	1”	N/C
Q - Integral	1”	N/C
M - MNPT union	1”	N/C

Outlet Option Adders (Price per end):

1" Meters

Option	Size	List
C - Copper flare Integral	1”	N/C
D - Double Purpose (Flare or FNPT)	1”	N/C
G - “G” CTS Integral	1”	N/C
H - “H” CTS Handylock Integral	1”	$4.77
P - MNPT Integral	1”	N/C
S - Solder union	1”	N/C
2 - "-22" CTS Integral	1”	N/C
T - Integral	1”	N/C
Q - Integral	1”	N/C
M - MNPT union	1”	N/C

Single Setter (less Saddle Nut)		1	2	3	4
Options - add or subtract from base setter model		**5/8”**	**5/8” x 3/4”**	**3/4”**	**1”**
Standard Ball Valve	**Q**	$67.55	$67.55	$67.55	$135.55
Full Port Ball Valve	**K**	$123.36	$123.36	$123.36	$185.83
Single Check Valve	**A**	$55.59	$55.59	$55.59	$85.23
Plug Valve	**G**	$61.33	$61.33	$61.33	$73.72
Dual Check - ASSE	**F**	$123.48	$123.48	$123.48	$117.10
Dual Check - ASSE - Full Port	**P**	N/A	N/A	N/A	$214.32
Dual Check - Cascading (* adds x992 to end of model)	**F***	$112.68	$112.68	$112.68	$117.11
Meter Swivel Nut	**N**	N/C	N/C	N/C	N/C

Contact Factory for the following:

1. Handles for ball valves
2. Test cap on check valves
3. 360º turn valve cap (less check)

NOTES:
- Horizontal bracing eye, wire seal hole and lockwing are standard.
- **N/C** = No additional charge.

770 Series

FOR 5/8", 5/8" X 3/4", OR 3/4" METERS

Adjustable Height

A.Y. McDonald now offers an adjustable height meter setter. Adjustable 5/8", 5/8" x 3/4", or 3/4" meter setters are available with all standard inlet/outlet valves and meter nut options. Inlet and outlet end connections include 3/4" CTS, MNPT Union or Integral, Double Purpose (FNPT/Flare), Flare 1" CTS Union. Height can be field adjusted from 9" to 12" on one model and 18" to 30" on another model. Use adjustable meter setters for setting 5/8", 5/8" x 3/4", or 3/4" meters in meter pits. Allows user to stock one setter for various bury depths. Includes a rigid cross tube to keep the service in alignment. Note: not all valve/end connection combinations available, contact factory with your specific requirements.



To order 770 Series Model No. **770-2 09-13WDQQ 33** above means:

770	-	2	09-13	WD	QQ		33
Series	Style	Meter Size	Meter Height Range	Inlet and Outlet Valves	Type of connection Inlet and Outlet	Blank Space	Size Inlet & Outlet

Style
– = Standard

Meter Size
1 = 5/8"
2 = 5/8" x 3/4"
3 = 3/4"

Meter Height Range
09 - 12"
09 - 13"
18 - 30"
18 - 31"

Other heights available, contact factory

Inlet and Outlet Valves (INLET OUTLET)
C = 3/4" Port Angle Single Check Valve
D = 3/4" Port Angle Dual Check Valve (ASSE 1024)
L = Angle Lockwing Plug Valve
J = 3/4" Port Angle Lockwing Ball Valve
W = Standard Port Angle Lockwing Ball Valve

Type of connection Inlet and Outlet (INLET OUTLET)
5/8", 5/8" x 3/4", 3/4" Meters
Inlet & Outlet Connections
C = Copper Flare (3/4" Integral or 1" Union)
D = Double Purpose Union (Flare or FNPT) (3/4")
F = FNPT Union (1/2" or 1")
G = "G" CTS McGrip Integral (3/4")
H = "H" CTS PE Handyloc Integral (3/4")
M = MNPT Union (3/4", 1")
Q = "Q" CTS McQuik Integral (3/4")
S = Solder Union (3/4" or 1")
T = "T" CTS Integral (3/4" or 1" union)
2 = "-22" CTS MacPak Integral (3/4" or 1" union)
3 = "-33" PEP MacPak Union (3/4")
4 = "-44" PVC MacPak Union (3/4")
5 = "-55" IP MacPak Union (3/4")

Size Inlet & Outlet
3 = 3/4"
4 = 1"

OPTIONS
- Assemblies shipped with two 1/8" EPDM rubber meter gaskets.
- Insert stiffeners are required on all flexible plastic connections.
- **Not all combinations available, contact factory with your requirements.**
- **MOST METER SETTERS ARE MADE TO ORDER AND ARE NOT RETURNABLE.**
- **Please verify with the factory that the model number you have configured is available and meets your requirements.**

Adjustable Height 9" - 12"

5/8" Meter Size	Carton PCS/WT	Price	5/8" x 3/4" Meter Size	Carton PCS/WT	Price	3/4" Meter Size	Carton PCS/WT	Price
770-109-12WDDD 33	6/60	$381.24	770-209-12WDDD 33	6/60	$381.24	770-309-12WDDD 33	6/60	$381.24

Adjustable Height 9" - 13"

5/8" Meter Size	Carton PCS/WT	Price	5/8" x 3/4" Meter Size	Carton PCS/WT	Price	3/4" Meter Size	Carton PCS/WT	Price
770-109-13WZQQ 33	6/60	$262.10	770-209-13WZQQ 33	6/60	$262.10	770-309-13WZQQ 33	6/60	$262.10

Adjustable Height 18" - 30"

5/8" Meter Size	Carton PCS/WT	Price	5/8" x 3/4" Meter Size	Carton PCS/WT	Price	3/4" Meter Size	Carton PCS/WT	Price
770-118-30WDQQ 33	6/72	$512.29	770-218-30WDQQ 33	6/72	$512.29	770-318-30WDQQ 33	6/72	$512.29

Adjustable Height 18" - 31"

5/8" Meter Size	Carton PCS/WT	Price	5/8" x 3/4" Meter Size	Carton PCS/WT	Price	3/4" Meter Size	Carton PCS/WT	Price
770-118-31WZQD 33	6/72	$387.20	770-218-31WZQD 33	6/72	$387.20	770-318-31WZQD 33	6/72	$387.20

770 Series

FOR 5/8”, 5/8” X 3/4”, OR 3/4” METERS

Adjustable Height

A.Y. McDonald now offers an adjustable height meter setter. Adjustable 5/8”, 5/8” x 3/4”, or 3/4” meter setters are available with all standard inlet/outlet valves and meter nut options. Inlet and outlet end connections include 3/4” CTS, MNPT Union or Integral, Double Purpose (FNPT/Flare), Flare 1” CTS Union. Height can be field adjusted from 9” to 12” on one model and 18” to 30” on another model. Use adjustable meter setters for setting 5/8”, 5/8” x 3/4”, or 3/4” meters in meter pits. Allows user to stock one setter for various bury depths. Includes a rigid cross tube to keep the service in alignment. Note: not all valve/end connection combinations available, contact factory with your specific requirements.

Inlet Option Adders (Price per end):

5/8", 5/8" x 3/4", or 3/4" Meters

Option	Size	List	Size	List
C - Copper flare 3/4” Integral or 1” union	3/4"	$21.66	1"	$38.97
D - Double Purpose (Flare or FNPT)	3/4"	N/C		
F - FNPT union	1/2”	$11.23	1”	$10.10
G - “G” CTS Integral	3/4”	$15.47		
M - MNPT union	3/4”	N/C	1”	$10.10
P - MNPT Integral	3/4”	$-6.38		
Q - "Q" CTS Integral	3/4"	$15.47		
S - Solder union	3/4”	N/C	1”	$5.24
T - "T" CTS 3/4” Integral or 1” union	3/4"	$15.47	1”	$34.76
2 - "-22" CTS 3/4” Integral or 1” union	3/4"	$15.47	1"	$34.76
3 - "-33" PEP union	3/4"	$44.65		
4 - "-44" PVC union	3/4"	$44.65		
5 - "-55" IP union	3/4"	$44.65		

Outlet Option Adders (Price per end):

5/8”, 5/8” x 3/4”, or 3/4” Meters

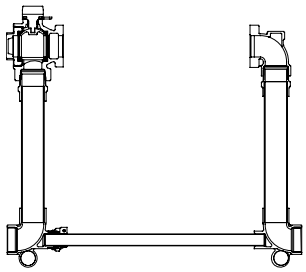
Option	Size	List	Size	List
C - Copper flare 3/4” Integral or 1” union	3/4"	$21.66	1"	$38.97
D - Double Purpose (Flare or FNPT)	3/4"	N/C		
F - FNPT union	1/2”	$11.23	1”	$10.10
G - “G” CTS Integral	3/4”	$15.47		
M - MNPT union	3/4”	N/C	1”	$10.10
P - MNPT Integral	3/4”	$-6.38		
Q - "Q" CTS Integral	3/4"	$15.47		
S - Solder union	3/4”	N/C	1”	$5.24
T - "T" CTS 3/4” Integral or 1” union	3/4"	$15.47	1”	$34.76
2 - "-22" CTS 3/4” Integral or 1” union	3/4"	$15.47	1"	$34.76
3 - "-33" PEP union	3/4"	$44.65		
4 - "-44" PVC union	3/4"	$44.65		
5 - "-55" IP union	3/4"	$44.65		

Single Setter (less Saddle Nut)		1	2	3
Options - add or subtract from base setter model		**5/8”**	**5/8” x 3/4”**	**3/4”**
Standard Ball Valve	**Q**	$67.55	$67.55	$67.55
Full Port Ball Valve	**K**	$123.36	$123.36	$123.36
Single Check Valve	**A**	$55.59	$55.59	$55.59
Plug Valve	**G**	$61.33	$61.33	$61.33
Dual Check - ASSE	**F**	$123.48	$123.48	$123.48
Dual Check - ASSE - Full Port	**P**	N/A	N/A	N/A
Dual Check - Cascading (* adds x992 to end of model)	**F***	$112.68	$112.68	$112.68

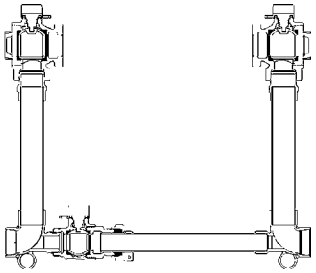
Contact Factory for the following:

1. Handles for ball valves
2. Test cap on check valves
3. 360º turn valve cap (less check)

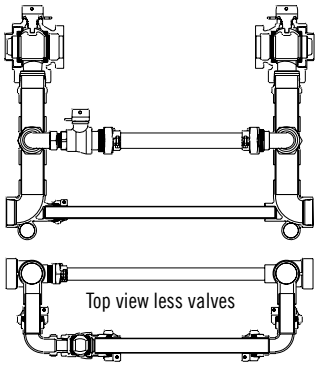
NOTES:
- Horizontal bracing eye, wire seal hole and lockwing are standard.
- **N/C** = No additional charge.



No Bypass (–)



Low Bypass (B)



Offset High Bypass (R)

How To Order: Model number 720-612WNFF 660 means...

A	B	A	C	D	A		A	B
720	-	6	12	WN	FF		66	0

Series
718, 720, 721, 722, 723, 724, 725, 726, 730, 731, 732, 739

Tandem Series
750, 751, 752, 753, 754, 755, 756

Bypass
– = Standard
B = Low bypass
R = High Offset Bypass

Meter Size
6 = 1 1/2"
7 = 2"

Meter Height
12 = 12"
15 = 15"
18 = 18"
21 = 21"
24 = 24"
27 = 27"
For additional Heights, Contact the Factory.

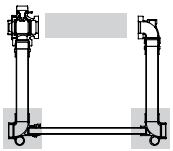
Service Inlet and Outlet connection
F = FNPT Integral
G = "G" CTS McGrip Integral
Q = "Q" CTS McQuik Integral
T = "T" CTS Integral.
2 = "22" CTS MacPak Integral

Blank

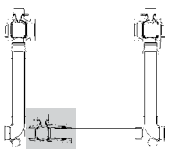
Service Inlet & Outlet Size
6 = 1 1/2"
7 = 2"

Bypass Size
0 = No bypass
5 = 1 1/4" - Standard
6 = 1 1/2"
7 = 2"

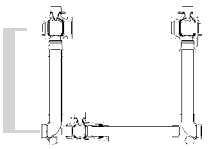
Meter Inlet & Outlet
D = Full Port Angle Dual Check Valve (ASSE 1024)
E = Angle Dual Check Valve with 1" tap in cap with 1" NPT plug assembly
F = Angle Dual Check Valve with 1 1/2" tap in cap with 1 1/2" NPT plug assembly
G = Angle Dual Check Valve with 2" tap in cap with 2" NPT plug assembly
N = Flanged elbow
W = Full Port Angle Lockwing Ball Valve
K = Telescoping Meter Flange Valve - 2" only



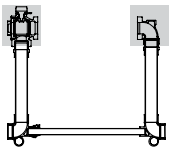
For A - Pick your:
- Series
- Meter Size
- Service Inlet and Outlet Connection
- Service Inlet & Outlet Size
- Tandem Series



For B - Choose Your By-Pass
- Bypass
- Bypass Size
- Note: Meter Setters with Flanged Elbows are not available with a By-Pass



For C - Choose Your Meter Setter Height
- Meter Height



For D - Choose Your Meter Valves
- Meter Inlet & Outlet

NOTE: 2" meter setters can be easily converted to 1 1/2" meter setters by cutting 4" out of 1" cross tube and/or bypass cross tube. Order 720A76 adapter kit to convert bottom inlet and outlet connections from 2" FNPT to 1 1/2" FNPT. Two bushings are provided with each kit, thread sealant should be used.

- Not all combinations available. Contact factory.

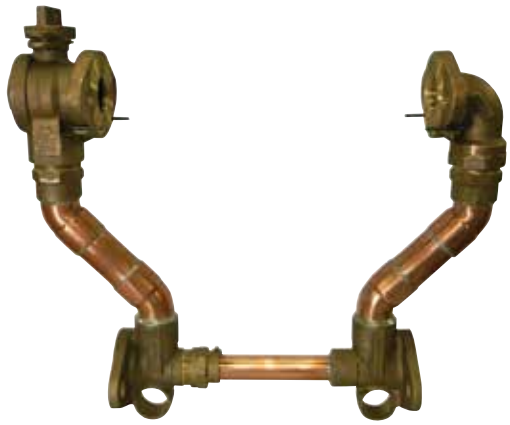
*Insert stiffeners are **required** on all flexible plastic connections.

** NON-STOCK ITEM. CONTACT FACTORY FOR MINIMUM ORDER QTYS & DELIVERY (components to assemble may be stock items) Contact Factory.

718 Series

1 1/2" & 2" METERS

Horizontal Style Resetter



Meter Flange Inlet x Meter Flange Outlet

Model	Meter & Service Size	Carton PCS/WT	Price
718-615WN	1 1/2"	1/40	$1,877.42
718-715WN	2"	1/39	$2,074.84

ADDER FOR TANDEM SETTER (IF APPLICABLE)

NOTE: FOR 718 SERIES THE 718 BECOMES 758

	1 1/2"	2"
TANDEM SETTER	$824.08	$865.33

NOTE: METER SETTERS WITH FLANGED ELBOWS ARE NOT AVAILABLE WITH A BYPASS

Model Description	Size	List Price Adder 1 1/2"	2"
NO BYPASS	N/A	$ 0.00	$ 0.00
LOW INLINE BYPASS	1 1/4"	$126.89	$126.89
LOW INLINE BYPASS	1 1/2"	$384.65	$384.65
HIGH OFFSET BYPASS	1 1/4"	$721.21	$755.93
HIGH OFFSET BYPASS	1 1/2"	$978.97	$1,013.69

NOTE: ADD FOR EACH VALVE ADDED TO METER SETTER

Height	List Price Adder 1 1/2"	2"
15"	$ 0.00	$ 0.00
18"	$48.06	$ 0.00
21"	$96.12	$55.91
24"	$144.18	$118.37
27"	$192.24	$177.56

Description Meter Inlet & Outlet	List Price Adder 1 1/2"	2"
BALL VALVE	$242.74	$248.70
DUAL CHECK	$357.24	$259.77
TELESCOPING METER FLANGE		$44.98

NOTE: ADD FOR EACH VALVE ADDED TO METER SETTER

720 Series No-Rise

1 1/2" & 2" METERS

Horizontal Style, Multiple Options Inlet/Outlet



To order 720 Series: Model No. **720R600WWFP 666** above means:

720	R	6	00	WW	FP		66	6
				INLET OUTLET	INLET OUTLET			
Series	Style	Meter Size	Meter Height	Inlet and Outlet Valves	Type of connection Inlet and Outlet	Blank Space	Size Inlet & Outlet	Bypass Size

Style
R = Offset Right Bypass

Meter Size
6 = 1 1/2"
7 = 2"

Meter Height
00 = No Rise Standard

Inlet and Outlet Valves
Series 720
D = Full Port Inline Dual Check Valve (ASSE 1024)
W = Full Port Lockwing Ball Valve
K = Telescoping Meter Flange Valve - 2" only

For other special meter connections, contact factory.

Type of connection Inlet and Outlet
F = FNPT Integral
G = "G" CTS McGrip Integral
P = MNPT Integral
Q = "Q" CTS McQuik Integral
T = "T" CTS Integral
2 = "-22" CTS MacPak Integral

Size Inlet & Outlet
6 = 1 1/2"
7 = 2"

Bypass Size
6 = 1 1/2"
7 = 2"

FNPT Inlet x FNPT Outlet

Model	Meter & Service Size	Carton PCS/WT	Price
720R600WWFF 666	1 1/2"	1/33	$1,173.36
720R700WWFF 777	2"	1/46	$1,629.52

Inlet / Outlet Option Adders (Price Per End)
1 1/2" & 2" Meters

Options	Size	List	Size	List
F	1 1/2"	NC	2"	NC
G	1 1/2"	$ 41.97	2"	$ 90.29
P	1 1/2"	NC	2"	NC
Q	1 1/2"	$ 41.97	2"	$ 90.29
T	1 1/2"	$ 41.97	2"	$ 90.29
-22	1 1/2"	$ 41.97	2"	$ 90.29

Description Meter Inlet & Outlet	Add or Substract from Base Model Above 1 1/2"	2"
BALL VALVE	$242.74	$248.70
DUAL CHECK	$357.24	$259.77
TELESCOPING METER FLANGE BALL VALVE		$44.98

NOTE: ADD FOR EACH VALVE ADDED TO METER SETTER

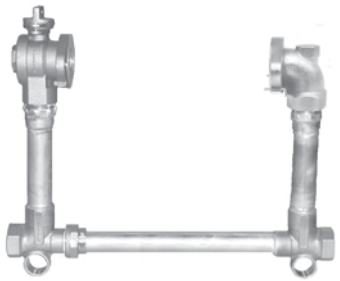
OPTIONS

- For dual check in bypass, contact factory.
- Ball valve available with attached brass handle
- Standard flange to flange lay lengths available -
  Spacing - 13.25 = 1 1/2" Meter
  - 17.25 = 2" Meter
- Assemblies shipped with two 1/8" EPDM rubber meter gaskets, and meter support brackets (assembly required)
- **Not all combinations available, contact factory with your requirements.**
- **MOST METER SETTERS ARE MADE TO ORDER AND ARE NOT RETURNABLE.**
- **Please verify with the factory that the model number you have configured is available and meets your requirements.**

720 Horizontal Series

1 1/2" & 2" METERS

Horizontal Style, FNPT Inlet and Outlet



To order 720 Series: Model No. **720-612WNFF 660** above means:

720	-	6	12	WN	FF		66	0
Series	Style	Meter Size	Meter Height	Inlet and Outlet Valves	Type of connection Inlet and Outlet	Blank Space	Size Inlet & Outlet	Bypass Size

Style
- – = No Bypass
- **B** = Low Bypass
- ***R** = High Right Offset Bypass

* = minimal height

All setter with bypass require outlet valve

Meter Size
- **6** = 1 1/2"
- **7** = 2"

Meter Height
- ***12** = 12"
- **15** = 15"
- **18** = 18"
- **21** = 21"
- **24** = 24"
- **27** = 27"

Additional heights available, contact factory

Inlet and Outlet Valves
- **D** = Full Port Angle Dual Check Valve (ASSE 1024)
- **N** = Flanged Elbow
- **W** = Full Port Angle Lockwing Ball Valve
- **K** = Telescoping Meter Flange Valve - 2" only

For other special meter connections, contact factory.

Type of connection Inlet and Outlet
- **F** = FNPT Integral

Size Inlet & Outlet
- **6** = 1 1/2"
- **7** = 2"

Bypass Size
- **0** = No Bypass
- **5** = 1 1/4"
- **6** = 1 1/2"
- **7** = 2"

For Tandem Series

750 Series Horizontal Tandem Setter



Example 750-618WNFF 660
Tandem setters are supplied with flange adapters and Flange x Flange "S" tube. Please specify device length and threads when ordering.

FNPT Inlet x FNPT Outlet

Model	Meter & Service Size	Carton PCS/WT	Price
720-612WNFF 660	1 1/2"	1/26	$1,291.61
720-712WNFF 770	2"	1/40	$1,484.81

ADDER FOR TANDEM SETTER (IF APPLICABLE)

NOTE: FOR 720 TO 750 SERIES REPLACE THE 2 WITH A 5, EXAMPLE 750

	1 1/2"	2"
TANDEM SETTER	$ 824.08	$ 865.33

NOTE: METER SETTERS WITH FLANGED ELBOWS ARE NOT AVAILABLE WITH A BYPASS

Model Description	Size	List Price Adder 1 1/2"	2"
BYPASS	N/A	$ 0.00	$ 0.00
LOW INLINE BYPASS	1 1/4"	$126.89	$126.89
LOW INLINE BYPASS	1 1/2"	$384.65	$384.65
LOW INLINE BYPASS	2"		$384.65
HIGH OFFSET BYPASS	1 1/4"	$721.21	$755.93
HIGH OFFSET BYPASS	1 1/2"	$978.97	$1,010.41

Height	List Price Adder 1 1/2"	2"
12"	$ 0.00	$ 0.00
15"	$42.80	$59.27
18"	$85.61	$118.55
21"	$128.42	$177.81
24"	$171.22	$237.08
27"	$214.03	$296.36

- Over 27" add $42.80 for every 3" above 27" - 1 1/2" size
- Over 27" add $59.27 for every 3" above 27" - 2" size

Description Meter Inlet & Outlet	List Price Adder 1 1/2"	2"
BALL VALVE	$242.74	$248.70
DUAL CHECK	$357.24	$259.77
TELESCOPING METER FLANGE	*One side only*	$44.98

NOTE: ADD FOR EACH VALVE ADDED TO METER SETTER

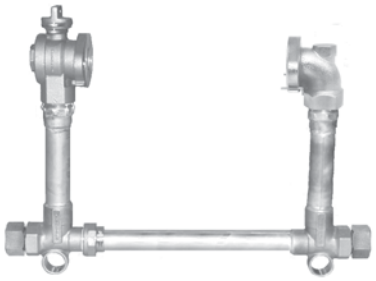
OPTIONS

- Bypass available with inline or accessible or angle dual check - Adder $ 337.15
- Angle dual check available with 1", 1 1/2" or 2" tap in cap - with or without plug - Adder: without plug $ 21.69, with plug $ 79.81
- Ball valve available with attached brass handle - Adder $ 18.84
- Special flange to flange lay lengths available
- Assemblies shipped with two 1/8" EPDM rubber meter gaskets, and meter support brackets (assembly required)
- **Not all combinations available, contact factory with your requirements.**
- **MOST METER SETTERS ARE MADE TO ORDER AND ARE NOT RETURNABLE.**
- **Please verify with the factory that the model number you have configured is available and meets your requirements.**

721 Horizontal Series

1 1/2" & 2" METERS

Horizontal Style, Integral G, Q, & T CTS Compression Inlet and Outlet



To order 721 Series: Model No. **721-612WNTT 660** above means:

721	-	6	12	WN (Inlet / Outlet)	TT (Inlet / Outlet)		66	0
Series	Style	Meter Size	Meter Height	Inlet and Outlet Valves	Type of connection Inlet and Outlet	Blank Space	Size Inlet & Outlet	Bypass Size

Style
- – = No Bypass
- **B** = Low Bypass
- ***R** = High Right Offset Bypass

* = minimal height

All setter with bypass require outlet valve

Meter Size
- **6** = 1 1/2"
- **7** = 2"

Meter Height
- ***12** = 12"
- **15** = 15"
- **18** = 18"
- **21** = 21"
- **24** = 24"
- **27** = 27"

Additional heights available, contact factory

Inlet and Outlet Valves
- **D** = Full Port Angle Dual Check Valve (ASSE 1024)
- **N** = Flanged Elbow
- **W** = Full Port Angle Lockwing Ball Valve
- **K** = Telescoping Meter Flange Valve - 2" only

For other special meter connections, contact factory.

Type of connection Inlet and Outlet
- **G** = "G" CTS McGrip Integral
- **Q** = "Q" CTS McQuik Integral
- **T** = "T" CTS Integral

Size Inlet & Outlet
- **6** = 1 1/2"
- **7** = 2"

Bypass Size
- **0** = No Bypass
- **5** = 1 1/4"
- **6** = 1 1/2"
- **7** = 2"

2" - contact factory

For Tandem Series

751 Series Horizontal Tandem Setter



Example 751-618WNTT 660
Tandem setters are supplied with flange adapters and Flange x Flange "S" tube required. Please specify device length and threads when ordering.

Compression Inlet x Integral Compression Outlet

Model	Meter & Service Size	Carton PCS/WT	Price
721-612WNGG 660	1 1/2"	1/25	$1,375.53
721-712WNGG 770	2"	1/40	$1,665.39
721-612WNQQ 660	1 1/2"	1/25	$1,375.53
721-712WNQQ 770	2"	1/40	$1,665.39
721-612WNTT 660	1 1/2"	1/25	$1,375.53
721-712WNTT 770	2"	1/40	$1,665.39

ADDER FOR TANDEM SETTER (IF APPLICABLE)

NOTE: FOR 720 TO 726 SERIES REPLACE THE 2 WITH A 5, EXAMPLE 750

	1 1/2"	2"
TANDEM SETTER	$824.08	$865.33

NOTE: METER SETTERS WITH FLANGED ELBOWS ARE NOT AVAILABLE WITH A BYPASS

Model Description	Size	List Price Adder 1 1/2"	List Price Adder 2"
BYPASS	N/A	$ 0.00	$ 0.00
LOW INLINE BYPASS	1 1/4"	$126.89	$126.89
LOW INLINE BYPASS	1 1/2"	$384.65	$384.65
LOW INLINE BYPASS	2"		$384.65
HIGH OFFSET BYPASS	1 1/4"	$721.21	$755.93
HIGH OFFSET BYPASS	1 1/2"	$978.97	$1,010.41

Height	List Price Adder 1 1/2"	List Price Adder 2"
12"	$ 0.00	$ 0.00
15"	$42.80	$59.27
18"	$85.61	$118.55
21"	$128.42	$177.81
24"	$171.22	$237.08
27"	$214.03	$296.36

- Over 27" add $42.80 for every 3" above 27" - 1 1/2" size
- Over 27" add $59.27 for every 3" above 27" - 2" size

Description Meter Inlet & Outlet	List Price Adder 1 1/2"	List Price Adder 2"
BALL VALVE	$242.74	$248.70
DUAL CHECK	$357.24	$259.77
TELESCOPING METER FLANGE	*One side only*	$44.98

NOTE: ADD FOR EACH VALVE ADDED TO METER SETTER

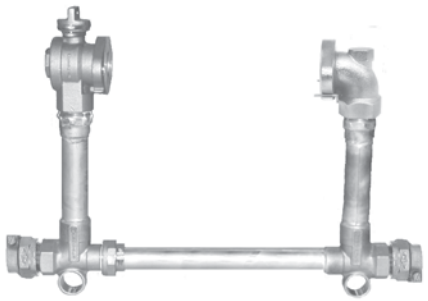
OPTIONS

- Bypass available with inline or accessible or angle dual check - Adder $ 337.15
- Angle dual check available with 1", 1 1/2" or 2" tap in cap - with or without plug - Adder: without plug $ 21.69, with plug $ 79.81
- Ball valve available with attached brass handle - Adder $ 18.84
- Special flange to flange lay lengths available
- Assemblies shipped with two 1/8" EPDM rubber meter gaskets, and meter support brackets (assembly required)
- **Not all combinations available, contact factory with your requirements.**
- **MOST METER SETTERS ARE MADE TO ORDER AND ARE NOT RETURNABLE.**
- **Please verify with the factory that the model number you have configured is available and meets your requirements.**

722 Horizontal Series

1 1/2" & 2" METERS

Horizontal Style, Integral -22 CTS Compression Inlet and Outlet



To order 722 Series: Model No. **722-612WN22 660** above means:

722	-	6	12	WN	22		66	0
Series	Style	Meter Size	Meter Height	Inlet and Outlet Valves (INLET OUTLET)	Type of connection Inlet and Outlet (INLET OUTLET)	Blank Space	Size Inlet & Outlet	Bypass Size

Style
- – = No Bypass
- **B** = Low Bypass
- ***R** = High Right Offset Bypass

* = minimal height

All setter with bypass require outlet valve

Meter Size
- **6** = 1 1/2"
- **7** = 2"

Meter Height
- ***12** = 12"
- **15** = 15"
- **18** = 18"
- **21** = 21"
- **24** = 24"
- **27** = 27"

Additional heights available, contact factory

Inlet and Outlet Valves
- **D** = Full Port Angle Dual Check Valve (ASSE 1024)
- **N** = Flanged Elbow
- **W** = Full Port Angle Lockwing Ball Valve
- **K** = Telescoping Meter Flange Valve - 2" only

For other special meter connections, contact factory.

Type of connection Inlet and Outlet
- **2** = "-22" CTS MacPak Compression Integral

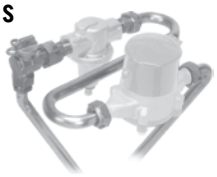
Size Inlet & Outlet
- **6** = 1 1/2"
- **7** = 2"

Bypass Size
- **0** = No Bypass
- **5** = 1 1/4"
- **6** = 1 1/2"
- **7** = 2"

2" - contact factory

For Tandem Series

752 Series Horizontal Tandem Setter



Example 752-618WN22 660
Tandem setters are supplied with flange adapters and Flange x Flange "S" tube required. Please specify device length and threads when ordering.

Mac Pak Compression Inlet x Mac Pak Compression Outlet

Model	Meter & Service Size	Carton PCS/WT	Price
722-612WN22 660	1 1/2"	1/25	$1,375.53
722-712WN22 770	2"	1/40	$1,665.39

ADDER FOR TANDEM SETTER (IF APPLICABLE)

NOTE: FOR 720 TO 726 SERIES REPLACE THE 2 WITH A 5, EXAMPLE 750

	1 1/2"	2"
TANDEM SETTER	$824.08	$865.33

NOTE: METER SETTERS WITH FLANGED ELBOWS ARE NOT AVAILABLE WITH A BYPASS

Model Description	Size	List Price Adder 1 1/2"	2"
BYPASS	N/A	$ 0.00	$ 0.00
LOW INLINE BYPASS	1 1/4"	$126.89	$126.89
LOW INLINE BYPASS	1 1/2"	$384.65	$384.65
LOW INLINE BYPASS	2"		$384.65
HIGH OFFSET BYPASS	1 1/4"	$721.21	$755.93
HIGH OFFSET BYPASS	1 1/2"	$978.97	$1,010.41

Height	List Price Adder 1 1/2"	2"
12"	$ 0.00	$ 0.00
15"	$42.80	$59.27
18"	$85.61	$118.55
21"	$128.42	$177.81
24"	$171.22	$237.08
27"	$214.03	$296.36

- Over 27" add $42.80 for every 3" above 27" - 1 1/2" size
- Over 27" add $59.27 for every 3" above 27" - 2" size

Description Meter Inlet & Outlet	List Price Adder 1 1/2"	2"
BALL VALVE	$242.74	$248.70
DUAL CHECK	$357.24	$259.77
TELESCOPING METER FLANGE	*One side only*	$44.98

NOTE: ADD FOR EACH VALVE ADDED TO METER SETTER

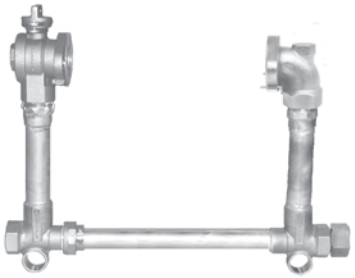
OPTIONS

- Bypass available with inline or accessible or angle dual check - Adder $ 337.15
- Angle dual check available with 1", 1 1/2" or 2" tap in cap - with or without plug - Adder: without plug $ 21.69, with plug $ 79.81
- Ball valve available with attached brass handle - Adder $ 18.84
- Special flange to flange lay lengths available
- Assemblies shipped with two 1/8" EPDM rubber meter gaskets, and meter support brackets (assembly required)
- **Not all combinations available, contact factory with your requirements.**
- **MOST METER SETTERS ARE MADE TO ORDER AND ARE NOT RETURNABLE.**
- **Please verify with the factory that the model number you have configured is available and meets your requirements.**

723 Horizontal Series

1 1/2" & 2" METERS

Horizontal Style, FNPT Inlet and Integral G, Q, & T CTS Compression Outlet



To order 723 Series: Model No. **723-612WNFT 660** above means:

723	-	6	12	WN	FT		66	0
				INLET OUTLET	INLET OUTLET			
Series	Style	Meter Size	Meter Height	Inlet and Outlet Valves	Type of connection Inlet and Outlet	Blank Space	Size Inlet & Outlet	Bypass Size

Style
- – = No Bypass
- **B** = Low Bypass
- ***R** = High Right Offset Bypass

* = minimal height

All setter with bypass require outlet valve

Meter Size
- **6** = 1 1/2"
- **7** = 2"

Meter Height
- ***12** = 12"
- **15** = 15"
- **18** = 18"
- **21** = 21"
- **24** = 24"
- **27** = 27"

Additional heights available, contact factory

Inlet and Outlet Valves
- **D** = Full Port Angle Dual Check Valve (ASSE 1024)
- **N** = Flanged Elbow
- **W** = Full Port Angle Lockwing Ball Valve
- **K** = Telescoping Meter Flange Valve - 2" only

For other special meter connections, contact factory.

Type of connection Inlet and Outlet

Inlet Connections
- **F** = FNPT Integral

Outlet Connections
- **G** = "G" CTS McGrip Integral
- **Q** = "Q" CTS McQuik Integral
- **T** = "T" CTS Integral

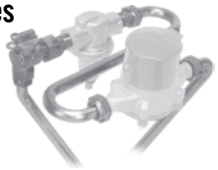
Size Inlet & Outlet
- **6** = 1 1/2"
- **7** = 2"

Bypass Size
- **0** = No Bypass
- **5** = 1 1/4"
- **6** = 1 1/2"
- **7** = 2"

2" - contact factory

For Tandem Series

753 Series Horizontal Tandem Setter



Example 753-618WNTT 660
Tandem setters are supplied with flange adapters and Flange x Flange "S" tube required. Please specify device length and threads when ordering.

FNPT Inlet x Integral Compression Outlet

Model	Meter & Service Size	Carton PCS/WT	Price
723-612WNFG 660	1 1/2"	1/25	$1,333.56
723-712WNFG 770	2"	1/40	$1,576.22
723-612WNFQ 660	1 1/2"	1/25	$1,333.56
723-712WNFQ 770	2"	1/40	$1,576.22
723-612WNFT 660	1 1/2"	1/25	$1,333.56
723-712WNFT 770	2"	1/40	$1,576.22

ADDER FOR TANDEM SETTER (IF APPLICABLE)

NOTE: FOR 720 TO 726 SERIES REPLACE THE 2 WITH A 5, EXAMPLE 750

	1 1/2"	2"
TANDEM SETTER	$824.08	$865.33

NOTE: METER SETTERS WITH FLANGED ELBOWS ARE NOT AVAILABLE WITH A BYPASS

Model Description	Size	List Price Adder 1 1/2"	2"
BYPASS	N/A	$ 0.00	$ 0.00
LOW INLINE BYPASS	1 1/4"	$126.89	$126.89
LOW INLINE BYPASS	1 1/2"	$384.65	$384.65
LOW INLINE BYPASS	2"		$384.65
HIGH OFFSET BYPASS	1 1/4"	$721.21	$755.93
HIGH OFFSET BYPASS	1 1/2"	$978.97	$1,010.41

Height	List Price Adder 1 1/2"	2"
12"	$ 0.00	$ 0.00
15"	$42.80	$59.27
18"	$85.61	$118.55
21"	$128.42	$177.81
24"	$171.22	$237.08
27"	$214.03	$296.36

- Over 27" add $42.80 for every 3" above 27" - 1 1/2" size

- Over 27" add $59.27 for every 3" above 27" - 2" size

Description Meter Inlet & Outlet	List Price Adder 1 1/2"	2"
BALL VALVE	$242.74	$248.70
DUAL CHECK	$357.24	$259.77
TELESCOPING METER FLANGE	*One side only*	$44.98

NOTE: ADD FOR EACH VALVE ADDED TO METER SETTER

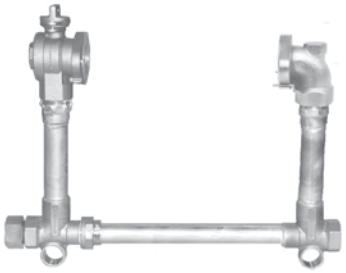
OPTIONS

- Bypass available with inline or accessible or angle dual check - Adder $ 337.15
- Angle dual check available with 1", 1 1/2" or 2" tap in cap - with or without plug - Adder: without plug $ 21.69, with plug $ 79.81
- Ball valve available with attached brass handle - Adder $ 18.84
- Special flange to flange lay lengths available
- Assemblies shipped with two 1/8" EPDM rubber meter gaskets, and meter support brackets (assembly required)
- **Not all combinations available, contact factory with your requirements.**
- **MOST METER SETTERS ARE MADE TO ORDER AND ARE NOT RETURNABLE.**
- **Please verify with the factory that the model number you have configured is available and meets your requirements.**

724 Horizontal Series

1 1/2" & 2" METERS

Horizontal Style, Integral G, Q, & T CTS Compression Inlet and FNPT Outlet



To order 724 Series: Model No. **724-612WNTF 660** above means:

724	-	6	12	WN (Inlet / Outlet)	TF (Inlet / Outlet)		66	0
Series	Style	Meter Size	Meter Height	Inlet and Outlet Valves	Type of connection Inlet and Outlet	Blank Space	Size Inlet & Outlet	Bypass Size

Style
- – = No Bypass
- **B** = Low Bypass
- ***R** = High Right Offset Bypass

* = minimal height

All setter with bypass require outlet valve

Meter Size
- **6** = 1 1/2"
- **7** = 2"

Meter Height
- ***12** = 12"
- **15** = 15"
- **18** = 18"
- **21** = 21"
- **24** = 24"
- **27** = 27"

Additional heights available, contact factory

Inlet and Outlet Valves
- **D** = Full Port Angle Dual Check Valve (ASSE 1024)
- **N** = Flanged Elbow
- **W** = Full Port Angle Lockwing Ball Valve
- **K** = Telescoping Meter Flange Valve - 2" only

For other special meter connections, contact factory.

Type of connection Inlet and Outlet

Inlet Connections
- **G** = "G" CTS McGrip Integral
- **Q** = "Q" CTS McQuik Integral
- **T** = "T" CTS Integral

Outlet Connections
- **F** = FNPT Integral

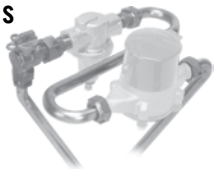
Size Inlet & Outlet
- **6** = 1 1/2"
- **7** = 2"

Bypass Size
- **0** = No Bypass
- **5** = 1 1/4"
- **6** = 1 1/2"
- **7** = 2"

2" - contact factory

For Tandem Series

754 Series Horizontal Tandem Setter



Example 754-618WNTF 660
Tandem setters are supplied with flange adapters and Flange x Flange "S" tube required. Please specify device length and threads when ordering.

Integral Compression Inlet x FNPT Outlet

Model	Meter & Service Size	Carton PCS/WT	Price
724-612WNGF 660	1 1/2"	1/25	$1,333.56
724-712WNGF 770	2"	1/40	$1,576.22
724-612WNQF 660	1 1/2"	1/25	$1,333.56
724-712WNQF 770	2"	1/40	$1,576.22
724-612WNTF 660	1 1/2"	1/25	$1,333.56
724-712WNTF 770	2"	1/40	$1,576.22

ADDER FOR TANDEM SETTER (IF APPLICABLE)

NOTE: FOR 720 TO 726 SERIES REPLACE THE 2 WITH A 5, EXAMPLE 750

	1 1/2"	2"
TANDEM SETTER	$824.08	$865.33

NOTE: METER SETTERS WITH FLANGED ELBOWS ARE NOT AVAILABLE WITH A BYPASS

Model Description	Size	List Price Adder 1 1/2"	2"
BYPASS	N/A	$ 0.00	$ 0.00
LOW INLINE BYPASS	1 1/4"	$126.89	$126.89
LOW INLINE BYPASS	1 1/2"	$384.65	$384.65
LOW INLINE BYPASS	2"		$384.65
HIGH OFFSET BYPASS	1 1/4"	$721.21	$755.93
HIGH OFFSET BYPASS	1 1/2"	$978.97	$1,010.41

Height	List Price Adder 1 1/2"	2"
12"	$ 0.00	$ 0.00
15"	$42.80	$59.27
18"	$85.61	$118.55
21"	$128.42	$177.81
24"	$171.22	$237.08
27"	$214.03	$296.36

- Over 27" add $42.80 for every 3" above 27" - 1 1/2" size
- Over 27" add $59.27 for every 3" above 27" - 2" size

Description Meter Inlet & Outlet	List Price Adder 1 1/2"	2"
BALL VALVE	$242.74	$248.70
DUAL CHECK	$357.24	$259.77
TELESCOPING METER FLANGE	*One side only*	$44.98

NOTE: ADD FOR EACH VALVE ADDED TO METER SETTER

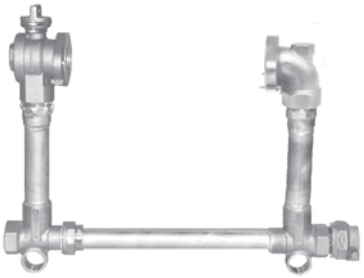
OPTIONS

- Bypass available with inline or accessible or angle dual check - Adder $ 337.15
- Angle dual check available with 1", 1 1/2" or 2" tap in cap - with or without plug - Adder: without plug $ 21.69, with plug $ 79.81
- Ball valve available with attached brass handle - Adder $ 18.84
- Special flange to flange lay lengths available
- Assemblies shipped with two 1/8" EPDM rubber meter gaskets, and meter support brackets (assembly required)
- **Not all combinations available, contact factory with your requirements.**
- **MOST METER SETTERS ARE MADE TO ORDER AND ARE NOT RETURNABLE.**
- **Please verify with the factory that the model number you have configured is available and meets your requirements.**

725 Horizontal Series

1 1/2" & 2" METERS

Horizontal Style, FNPT Inlet and Integral -22 CTS Compression Outlet



To order 725 Series: Model No. **725-612WNF2 660** above means:

725	-	6	12	WN	F2		66	0
Series	Style	Meter Size	Meter Height	Inlet and Outlet Valves	Type of connection Inlet and Outlet	Blank Space	Size Inlet & Outlet	Bypass Size

Style
- – = No Bypass
- **B** = Low Bypass
- ***R** = High Right Offset Bypass

* = minimal height

All setter with bypass require outlet valve

Meter Size
- **6** = 1 1/2"
- **7** = 2"

Meter Height
- ***12** = 12"
- **15** = 15"
- **18** = 18"
- **21** = 21"
- **24** = 24"
- **27** = 27"

Additional heights available, contact factory

Inlet and Outlet Valves
- **D** = Full Port Angle Dual Check Valve (ASSE 1024)
- **N** = Flanged Elbow
- **W** = Full Port Angle Lockwing Ball Valve
- **K** = Telescoping Meter Flange Valve - 2" only

For other special meter connections, contact factory.

Type of connection Inlet and Outlet

Inlet Connections
F = FNPT Integral

Outlet Connections
2 = "-22" CTS MacPak Integral

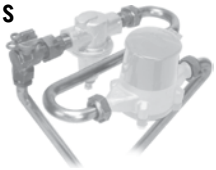
Size Inlet & Outlet
- **6** = 1 1/2"
- **7** = 2"

Bypass Size
- **0** = No Bypass
- **5** = 1 1/4"
- **6** = 1 1/2"
- **7** = 2"

2" - contact factory

For Tandem Series

755 Series Horizontal Tandem Setter



Example 755-618WNF2 660
Tandem setters are supplied with flange adapters and Flange x Flange "S" tube required. Please specify device length and threads when ordering.

FNPT Inlet x Mac Pak Compression Outlet

Model	Meter & Service Size	Carton PCS/WT	Price
725-612WNF2 660	1 1/2"	1/25	$1,333.56
725-712WNF2 770	2"	1/40	$1,576.22

ADDER FOR TANDEM SETTER (IF APPLICABLE)

NOTE: FOR 720 TO 726 SERIES REPLACE THE 2 WITH A 5, EXAMPLE 750

	1 1/2"	2"
TANDEM SETTER	$824.08	$865.33

NOTE: METER SETTERS WITH FLANGED ELBOWS ARE NOT AVAILABLE WITH A BYPASS

Model Description	Size	List Price Adder 1 1/2"	2"
NBYPASS	N/A	$ 0.00	$ 0.00
LOW INLINE BYPASS	1 1/4"	$126.89	$126.89
LOW INLINE BYPASS	1 1/2"	$384.65	$384.65
LOW INLINE BYPASS	2"		$384.65
HIGH OFFSET BYPASS	1 1/4"	$721.21	$755.93
HIGH OFFSET BYPASS	1 1/2"	$978.97	$1,010.41

Height	List Price Adder 1 1/2"	2"
12"	$ 0.00	$ 0.00
15"	$42.80	$59.27
18"	$85.61	$118.55
21"	$128.42	$177.81
24"	$171.22	$237.08
27"	$214.03	$296.36

- Over 27" add $42.80 for every 3" above 27" - 1 1/2" size
- Over 27" add $59.27 for every 3" above 27" - 2" size

Description Meter Inlet & Outlet	List Price Adder 1 1/2"	2"
BALL VALVE	$242.74	$248.70
DUAL CHECK	$357.24	$259.77
TELESCOPING METER FLANGE	*One side only*	$44.98

NOTE: ADD FOR EACH VALVE ADDED TO METER SETTER

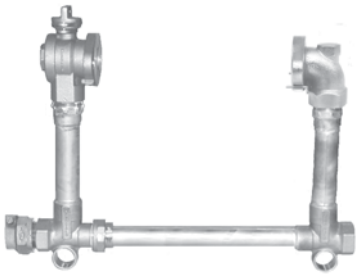
OPTIONS

- Bypass available with inline or accessible or angle dual check - Adder $ 337.15
- Angle dual check available with 1", 1 1/2" or 2" tap in cap - with or without plug - Adder: without plug $ 21.69, with plug $ 79.81
- Ball valve available with attached brass handle - Adder $ 18.84
- Special flange to flange lay lengths available
- Assemblies shipped with two 1/8" EPDM rubber meter gaskets, and meter support brackets (assembly required)
- **Not all combinations available, contact factory with your requirements.**
- **MOST METER SETTERS ARE MADE TO ORDER AND ARE NOT RETURNABLE.**
- **Please verify with the factory that the model number you have configured is available and meets your requirements.**

726 Series

1 1/2" & 2" METERS

Horizontal Style, Integral -22 CTS Compression Inlet and FNPT Outlet



To order 726 Series: Model No. **726-612WN2F 660** above means:

726	-	6	12	WN (Inlet / Outlet)	2F (Inlet / Outlet)		66	0
Series	Style	Meter Size	Meter Height	Inlet and Outlet Valves	Type of connection Inlet and Outlet	Blank Space	Size Inlet & Outlet	Bypass Size

Style
- – = No Bypass
- **B** = Low Bypass
- ***R** = High Right Offset Bypass

* = minimal height

All setter with bypass require outlet valve

Meter Size
- **6** = 1 1/2"
- **7** = 2"

Meter Height
- ***12** = 12"
- **15** = 15"
- **18** = 18"
- **21** = 21"
- **24** = 24"
- **27** = 27"

Additional heights available, contact factory

Inlet and Outlet Valves
- **D** = Full Port Angle Dual Check Valve (ASSE 1024)
- **N** = Flanged Elbow
- **W** = Full Port Angle Lockwing Ball Valve
- **K** = Telescoping Meter Flange Valve - 2" only

For other special meter connections, contact factory.

Type of connection Inlet and Outlet

Inlet Connections
2 = "-22" CTS MacPak Integral

Outlet Connections
F = FNPT Integral

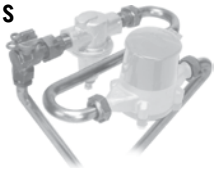
Size Inlet & Outlet
- **6** = 1 1/2"
- **7** = 2"

Bypass Size
- **0** = No Bypass
- **5** = 1 1/4"
- **6** = 1 1/2"
- **7** = 2"

2" - contact factory

For Tandem Series

756 Series Horizontal Tandem Setter



Example 756-618WN2F 660
Tandem setters are supplied with flange adapters and Flange x Flange "S" tube required. Please specify device length and threads when ordering.

FNPT Inlet x Mac Pak Compression Outlet

Model	Meter & Service Size	Carton PCS/WT	Price
726-612WN2F 660	1 1/2"	1/25	$1,333.56
726-712WN2F 770	2"	1/40	$1,576.22

ADDER FOR TANDEM SETTER (IF APPLICABLE)
NOTE: FOR 720 TO 726 SERIES REPLACE THE 2 WITH A 5, EXAMPLE 750

	1 1/2"	2"
TANDEM SETTER	$824.08	$865.33

NOTE: METER SETTERS WITH FLANGED ELBOWS ARE NOT AVAILABLE WITH A BYPASS

Model Description	Size	List Price Adder 1 1/2"	2"
BYPASS	N/A	$ 0.00	$ 0.00
LOW INLINE BYPASS	1 1/4"	$126.89	$126.89
LOW INLINE BYPASS	1 1/2"	$384.65	$384.65
LOW INLINE BYPASS	2"		$384.65
HIGH OFFSET BYPASS	1 1/4"	$721.21	$755.93
HIGH OFFSET BYPASS	1 1/2"	$978.97	$1,010.41

Height	List Price Adder 1 1/2"	2"
12"	$ 0.00	$ 0.00
15"	$42.80	$59.27
18"	$85.61	$118.55
21"	$128.42	$177.81
24"	$171.22	$237.08
27"	$214.03	$296.36

Description Meter Inlet & Outlet	List Price Adder 1 1/2"	2"
BALL VALVE	$242.74	$248.70
DUAL CHECK	$357.24	$259.77
TELESCOPING METER FLANGE	*One side only*	$44.98

NOTE: ADD FOR EACH VALVE ADDED TO METER SETTER

- Over 27" add $42.80 for every 3" above 27" - 1 1/2" size
- Over 27" add $59.27 for every 3" above 27" - 2" size

OPTIONS

- Bypass available with inline or accessible or angle dual check - Adder $ 337.15
- Angle dual check available with 1", 1 1/2" or 2" tap in cap - with or without plug - Adder: without plug $ 21.69, with plug $ 79.81
- Ball valve available with attached brass handle - Adder $ 18.84
- Special flange to flange lay lengths available
- Assemblies shipped with two 1/8" EPDM rubber meter gaskets, and meter support brackets (assembly required)
- **Not all combinations available, contact factory with your requirements.**
- **MOST METER SETTERS ARE MADE TO ORDER AND ARE NOT RETURNABLE.**
- **Please verify with the factory that the model number you have configured is available and meets your requirements.**

730 Series

1 1/2" & 2" METERS

Vertical Style, FNPT Inlet and Outlet



To order 730 Series: Model No. **730-608WNFF 660** above means:

730	-	6	08	WN	FF		66	0
Series	Style	Meter Size	Meter Height	Inlet and Outlet Valves	Type of connection Inlet and Outlet	Blank Space	Size Inlet & Outlet	Bypass Size

Style
- – = No Bypass
- **B** = Low Bypass
- ***R** = High Right Offset Bypass

* = minimal height

All setter with bypass require outlet valve

Meter Size
- **6** = 1 1/2"
- **7** = 2"

Meter Height
- **08** = 8"
- ***12** = 12"
- **15** = 15"
- **18** = 18"
- **21** = 21"
- **24** = 24"
- **27** = 27"

Additional heights available, contact factory

Inlet and Outlet Valves
- **D** = Full Port Angle Dual Check Valve (ASSE 1024)
- **N** = Flanged Elbow
- **W** = Full Port Angle Lockwing Ball Valve
- **K** = Telescoping Meter Flange Valve - 2" only

For other special meter connections, contact factory.

Type of connection Inlet and Outlet
- **F** = FNPT Integral

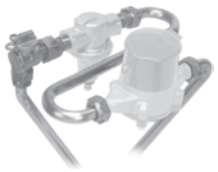
Size Inlet & Outlet
- **6** = 1 1/2"
- **7** = 2"

Bypass Size
- **0** = No Bypass
- **5** = 1 1/4"
- **6** = 1 1/2"
- **7** = 2"

2" - contact factory

For Tandem Series

Contact Factory



Tandem setters are supplied with flange adapters and Flange x Flange "S" tube required. Please specify device length and threads when ordering.

FNPT Inlet x FNPT Outlet

Model	Meter & Service Size	Carton PCS/WT	Price
730-612WNFF 660	1 1/2"	1/25	$1,291.61
730-712WNFF 770	2"	1/40	$1,483.71

ADDER FOR TANDEM SETTER (IF APPLICABLE)

NOTE: FOR 730 TO 732 SERIES AND 739 SERIES CONTACT THE FACTORY

	1 1/2"	2"
TANDEM SETTER	$824.08	$865.33

NOTE: METER SETTERS WITH FLANGED ELBOWS ARE NOT AVAILABLE WITH A BYPASS

Model Description	Size	List Price Adder 1 1/2"	2"
NO BYPASS	N/A	$ 0.00	$ 0.00
LOW INLINE BYPASS	1 1/4"	$126.89	$126.89
LOW INLINE BYPASS	1 1/2"	$384.65	$384.65
LOW INLINE BYPASS	2"		$384.65
HIGH OFFSET BYPASS	1 1/4"	$721.21	$755.93
HIGH OFFSET BYPASS	1 1/2"	$978.97	$1,010.41

Height	List Price Adder 1 1/2"	2"
12"	$ 0.00	$ 0.00
15"	$42.80	$59.27
18"	$85.61	$118.55
21"	$128.42	$177.81
24"	$171.22	$237.08
27"	$214.03	$296.36

Description Meter Inlet & Outlet	List Price Adder 1 1/2"	2"
BALL VALVE	$242.74	$148.70
DUAL CHECK	$357.24	$259.77
TELESCOPING METER FLANGE	*One side only*	$44.98

NOTE: ADD FOR EACH VALVE ADDED TO METER SETTER

- Over 27" add $42.80 for every 3" above 27" - 1 1/2" size
- Over 27" add $59.27 for every 3" above 27" - 2" size

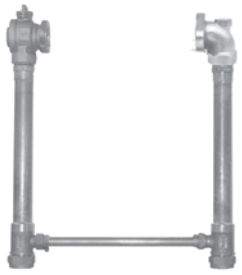
OPTIONS

- Bypass available with inline or accessible or angle dual check - Adder $ 337.15
- Angle dual check available with 1", 1 1/2" or 2" tap in cap - with or without plug - Adder: without plug $ 21.69, with plug $ 79.81
- Ball valve available with attached brass handle - Adder $ 18.84
- Special flange to flange lay lengths available
- Assemblies shipped with two 1/8" EPDM rubber meter gaskets, and meter support brackets (assembly required)
- **Not all combinations available, contact factory with your requirements.**
- **MOST METER SETTERS ARE MADE TO ORDER AND ARE NOT RETURNABLE.**
- **Please verify with the factory that the model number you have configured is available and meets your requirements.**

731 Series

1 1/2" & 2" METERS

Vertical Style, Integral G, Q, & T CTS Compression Inlet and Outlet



To order 731 Series: Model No. **731-608WNTT 660** above means:

731	-	6	08	WN	TT		66	0
Series	Style	Meter Size	Meter Height	Inlet and Outlet Valves (INLET OUTLET)	Type of connection Inlet and Outlet (INLET OUTLET)	Blank Space	Size Inlet & Outlet	Bypass Size

Style
- – = No Bypass
- **B** = Low Bypass
- ***R** = High Right Offset Bypass

* = minimal height

All setter with bypass require outlet valve

Meter Size
- **6** = 1 1/2"
- **7** = 2"

Meter Height
- **08** = 8"
- ***12** = 12"
- **15** = 15"
- **18** = 18"
- **21** = 21"
- **24** = 24"
- **27** = 27"

Additional heights available, contact factory

Inlet and Outlet Valves
- **D** = Full Port Angle Dual Check Valve (ASSE 1024)
- **N** = Flanged Elbow
- **W** = Full Port Angle Lockwing Ball Valve
- **K** = Telescoping Meter Flange Valve - 2" only

For other special meter connections, contact factory.

Type of connection Inlet and Outlet
- **G** = "G" CTS McGrip Integral
- **Q** = "Q" CTS McQuik Integral
- **T** = "T" CTS Integral

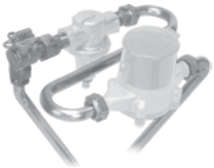
Size Inlet & Outlet
- **6** = 1 1/2"
- **7** = 2"

Bypass Size
- **0** = No Bypass
- **5** = 1 1/4"
- **6** = 1 1/2"
- **7** = 2"

2" - contact factory

For Tandem Series

Contact Factory



Tandem setters are supplied with flange adapters and Flange x Flange "S" tube required. Please specify device length and threads when ordering.

Integral Compression Inlet x FNPT Outlet

Model	Meter & Service Size	Carton PCS/WT	Price
731-612WNGG 660	1 1/2"	1/25	$1,375.53
731-712WNGG 770	2"	1/40	$1,665.42
731-612WNQQ 660	1 1/2"	1/25	$1,375.53
731-712WNQQ 770	2"	1/40	$1,665.42
731-612WNTT 660	1 1/2"	1/25	$1,375.53
731-712WNTT 770	2"	1/40	$1,665.42

ADDER FOR TANDEM SETTER (IF APPLICABLE)

NOTE: FOR 730 TO 732 SERIES AND 739 SERIES CONTACT THE FACTORY

	1 1/2"	2"
TANDEM SETTER	$824.08	$865.33

NOTE: METER SETTERS WITH FLANGED ELBOWS ARE NOT AVAILABLE WITH A BYPASS

Model Description	Size	List Price Adder 1 1/2"	2"
NO BYPASS	N/A	$ 0.00	$ 0.00
LOW INLINE BYPASS	1 1/4"	$126.89	$126.89
LOW INLINE BYPASS	1 1/2"	$384.65	$384.65
LOW INLINE BYPASS	2"		$384.65
HIGH OFFSET BYPASS	1 1/4"	$721.21	$755.93
HIGH OFFSET BYPASS	1 1/2"	$978.97	$1,010.41

Height	List Price Adder 1 1/2"	2"
12"	$ 0.00	$ 0.00
15"	$42.80	$59.27
18"	$85.61	$118.55
21"	$128.42	$177.81
24"	$171.22	$237.08
27"	$214.03	$296.36

- Over 27" add $42.80 for every 3" above 27" - 1 1/2" size

- Over 27" add $59.27 for every 3" above 27" - 2" size

Description Meter Inlet & Outlet	List Price Adder 1 1/2"	2"
BALL VALVE	$242.74	$148.70
DUAL CHECK	$357.24	$259.77
TELESCOPING METER FLANGE	*One side only*	$44.98

NOTE: ADD FOR EACH VALVE ADDED TO METER SETTER

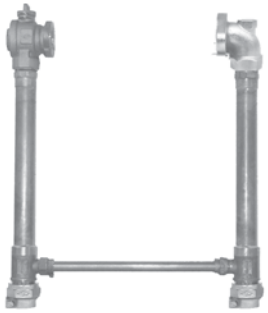
OPTIONS

- Bypass available with inline or accessible or angle dual check - Adder $ 337.15
- Angle dual check available with 1", 1 1/2" or 2" tap in cap - with or without plug - Adder: without plug $ 21.69, with plug $ 79.81
- Ball valve available with attached brass handle - Adder $ 18.84
- Special flange to flange lay lengths available
- Assemblies shipped with two 1/8" EPDM rubber meter gaskets, and meter support brackets (assembly required)
- **Not all combinations available, contact factory with your requirements.**
- **MOST METER SETTERS ARE MADE TO ORDER AND ARE NOT RETURNABLE.**
- **Please verify with the factory that the model number you have configured is available and meets your requirements.**

732 Series

1 1/2" & 2" METERS

Vertical Style, Integral -22 CTS Compression Inlet and Outlet



To order 732 Series: Model No. **732-608WN22 660** above means:

732		6	08	WN (INLET OUTLET)	22 (INLET OUTLET)		66	0
Series	Style	Meter Size	Meter Height	Inlet and Outlet Valves	Type of connection Inlet and Outlet	Blank Space	Size Inlet & Outlet	Bypass Size

Style
- – = No Bypass
- **B** = Low Bypass
- ***R** = High Right Offset Bypass

* = minimal height

All setter with bypass require outlet valve

Meter Size
- **6** = 1 1/2"
- **7** = 2"

Meter Height
- **08** = 8"
- ***12** = 12"
- **15** = 15"
- **18** = 18"
- **21** = 21"
- **24** = 24"
- **27** = 27"

Additional heights available, contact factory

Inlet and Outlet Valves
- **D** = Full Port Angle Dual Check Valve (ASSE 1024)
- **N** = Flanged Elbow
- **W** = Full Port Angle Lockwing Ball Valve
- **K** = Telescoping Meter Flange Valve - 2" only

For other special meter connections, contact factory.

Type of connection Inlet and Outlet
- **2** = "-22" CTS MacPak Integral

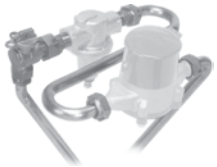
Size Inlet & Outlet
- **6** = 1 1/2"
- **7** = 2"

Bypass Size
- **0** = No Bypass
- **5** = 1 1/4"
- **6** = 1 1/2"
- **7** = 2"

2" - contact factory

For Tandem Series

Contact Factory



Tandem setters are supplied with flange adapters and Flange x Flange "S" tube required. Please specify device length and threads when ordering.

Mac Pak Compression Inlet x Mac Pak Compression Outlet

Model	Meter & Service Size	Carton PCS/WT	Price
732-612WN22 660	1 1/2"	1/29	$1,375.53
732-712WN22 770	2"	1/40	$1,665.42

ADDER FOR TANDEM SETTER (IF APPLICABLE)

NOTE: FOR 730 TO 732 SERIES AND 739 SERIES CONTACT THE FACTORY

	1 1/2"	2"
TANDEM SETTER	$824.08	$865.33

NOTE: METER SETTERS WITH FLANGED ELBOWS ARE NOT AVAILABLE WITH A BYPASS

Model Description	Size	List Price Adder 1 1/2"	List Price Adder 2"
NO BYPASS	N/A	$ 0.00	$ 0.00
LOW INLINE BYPASS	1 1/4"	$126.89	$126.89
LOW INLINE BYPASS	1 1/2"	$384.65	$384.65
LOW INLINE BYPASS	2"		$384.65
HIGH OFFSET BYPASS	1 1/4"	$721.21	$755.93
HIGH OFFSET BYPASS	1 1/2"	$978.97	$1,010.41

Height	List Price Adder 1 1/2"	List Price Adder 2"
12"	$ 0.00	$ 0.00
15"	$42.80	$59.27
18"	$85.61	$118.55
21"	$128.42	$177.81
24"	$171.22	$237.08
27"	$214.03	$296.36

- Over 27" add $42.80 for every 3" above 27" - 1 1/2" size

- Over 27" add $59.27 for every 3" above 27" - 2" size

Description Meter Inlet & Outlet	List Price Adder 1 1/2"	List Price Adder 2"
BALL VALVE	$242.74	$148.70
DUAL CHECK	$357.24	$259.77
TELESCOPING METER FLANGE	*One side only*	$44.98

NOTE: ADD FOR EACH VALVE ADDED TO METER SETTER

OPTIONS

- Bypass available with inline or accessible or angle dual check - Adder $ 337.15
- Angle dual check available with 1", 1 1/2" or 2" tap in cap - with or without plug - Adder: without plug $ 21.69, with plug $ 79.81
- Ball valve available with attached brass handle - Adder $ 18.84
- Special flange to flange lay lengths available
- Assemblies shipped with two 1/8" EPDM rubber meter gaskets, and meter support brackets (assembly required)
- **Not all combinations available, contact factory with your requirements.**
- **MOST METER SETTERS ARE MADE TO ORDER AND ARE NOT RETURNABLE.**
- **Please verify with the factory that the model number you have configured is available and meets your requirements.**

739 Series

1 1/2" & 2" METERS

Vertical/Horizontal Style



To order 739 Series: Model No. **739-608WN2F 660** above means:

739		6	08	WN (INLET OUTLET)	2F (INLET OUTLET)		66	0
Series	Style	Meter Size	Meter Height	Inlet and Outlet Valves	Type of connection Inlet and Outlet	Blank Space	Size Inlet & Outlet	Bypass Size

Style
- – = No Bypass
- **B** = Low Bypass
- ***R** = High Right Offset Bypass

* = minimal height

All setter with bypass require outlet valve

Meter Size
- **6** = 1 1/2"
- **7** = 2"

Meter Height
- **08** = 8"
- ***12** = 12"
- **15** = 15"
- **18** = 18"
- **21** = 21"
- **24** = 24"
- **27** = 27"

Additional heights available, contact factory

Inlet and Outlet Valves
- **D** = Full Port Angle Dual Check Valve (ASSE 1024)
- **N** = Flanged Elbow
- **W** = Full Port Angle Lockwing Ball Valve
- **K** = Telescoping Meter Flange Valve - 2" only

For other special meter connections, contact factory.

Type of connection Inlet and Outlet
- **F** = FNPT Integral
- **G** = "G" CTS McGrip Integral
- **Q** = "Q" CTS McQuik Integral
- **T** = "T" CTS Integral
- **2** = "-22" CTS MacPak Integral

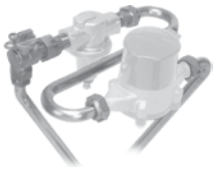
Size Inlet & Outlet
- **6** = 1 1/2"
- **7** = 2"

Bypass Size
- **0** = No Bypass
- **5** = 1 1/4"
- **6** = 1 1/2"
- **7** = 2"

2" - contact factory

For Tandem Series

Contact Factory



Tandem setters are supplied with flange adapters and Flange x Flange "S" tube required. Please specify device length and threads when ordering.

ADDER FOR TANDEM SETTER (IF APPLICABLE)

NOTE: FOR 730 TO 732 SERIES AND 739 SERIES CONTACT THE FACTORY

	1 1/2"	2"
TANDEM SETTER	$824.08	$865.33

FNPT Inlet x Integral Compression Outlet

Model	Meter & Service Size	Carton PCS/WT	Price
739-612WNFF 660	1 1/2"	1/25	$1,291.61
739-712WNFF 770	2"	1/40	$1,484.81
739-612WN22 660	1 1/2"	1/25	$1,291.61
739-712WN22 770	2"	1/40	$1,484.81
739-612WNGG 660	1 1/2"	1/25	$1,375.53
739-712WNGG 770	2"	1/40	$1,665.42
739-612WNQQ 660	1 1/2"	1/25	$1,375.53
739-712WNQQ 770	2"	1/40	$1,665.42
739-612WNTT 660	1 1/2"	1/25	$1,375.53
739-712WNTT 770	2"	1/40	$1,665.42

NOTE: METER SETTERS WITH FLANGED ELBOWS ARE NOT AVAILABLE WITH A BYPASS

Model Description	Size	List Price Adder 1 1/2"	2"
NO BYPASS	N/A	$ 0.00	$ 0.00
LOW INLINE BYPASS	1 1/4"	$126.89	$126.89
LOW INLINE BYPASS	1 1/2"	$384.65	$384.65
LOW INLINE BYPASS	2"		$384.65
HIGH OFFSET BYPASS	1 1/4"	$721.21	$755.93
HIGH OFFSET BYPASS	1 1/2"	$978.97	$1,010.41

Height	List Price Adder 1 1/2"	2"
12"	$ 0.00	$ 0.00
15"	$42.80	$59.27
18"	$85.61	$118.55
21"	$128.42	$177.81
24"	$171.22	$237.08
27"	$214.03	$296.36

- Over 27" add $42.80 for every 3" above 27" - 1 1/2" size

- Over 27" add $59.27 for every 3" above 27" - 2" size

Description Meter Inlet & Outlet	List Price Adder 1 1/2"	2"
BALL VALVE	$242.74	$148.70
DUAL CHECK	$357.24	$259.77
TELESCOPING METER FLANGE	*One side only*	$44.98

NOTE: ADD FOR EACH VALVE ADDED TO METER SETTER

OPTIONS

- Bypass available with inline or accessible or angle dual check - Adder $ 337.15
- Angle dual check available with 1", 1 1/2" or 2" tap in cap - with or without plug - Adder: without plug $ 21.69, with plug $ 79.81
- Ball valve available with attached brass handle - Adder $ 18.84
- Special flange to flange lay lengths available
- Assemblies shipped with two 1/8" EPDM rubber meter gaskets, and meter support brackets (assembly required)
- **Not all combinations available, contact factory with your requirements.**
- **MOST METER SETTERS ARE MADE TO ORDER AND ARE NOT RETURNABLE.**
- **Please verify with the factory that the model number you have configured is available and meets your requirements.**

Meter Idlers





Meter Idler - Copper

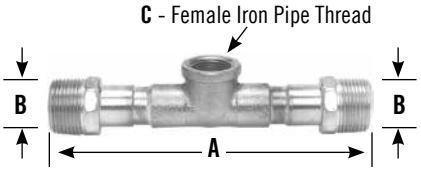
MODEL	METER	A	B	LIST PRICE
740MJ05	5/8"	7 1/2"	3/4"	$ 34.11
740MJ07	5/8" x 3/4"	7 1/2"	1"	$ 34.11
740MJ07 x 3.63	5/8" x 3/4"	5/8"	1"	$ 34.11
740MJ09	3/4"	9"	1"	$ 45.82
740MJ10	1"	10 3/4"	1 1/4"	$ 67.03
740MJ10 x 4.00	1"	4"	1 1/4"	$ 67.03
740MJ10 x 7.50	1"	7 1/2"	1 1/4"	$ 67.03
740MJ10 x 9.50	1"	9 1/2"	1 1/4"	$ 67.03
740MJ10 x 10.12	1"	10 1/8"	1 1/4"	$ 67.03
740MJ10 x 13.00	1"	13"	1 1/4"	$ 111.62
740MJ10 x 18.25	1"	18 1/4"	1 1/4"	$ 101.49
740MJ60688	1 1/2"	6 7/8"	1 1/2" Oval Flange	$ 233.75
740MJ613	1 1/2"	13"	1 1/2" Oval Flange	$ 233.75
740MJ70513	1 1/2"	5 1/8"	2" Oval Flange	$ 241.26
740MJ703	2"	3"	2" Oval Flange	$ 233.75
740MJ707	2"	7"	2" Oval Flange	$ 241.19
740MJ710	2"	10"	2" Oval Flange	$ 241.19
740MJ717	2"	17"	2" Oval Flange	$ 308.82
740MJ71562	2"	15 5/8"	2" Oval Flange	$ 308.82

Meter Idler - Brass

MODEL	METER	A	LIST PRICE
740MJB07	5/8" x 3/4"	7 1/2"	$ 48.69
740MJB09	3/4"	9"	$ 53.85

Meter Idler - PVC

MODEL	METER	A	B	LIST PRICE
40MJ05PVC	5/8"	7 1/2"	3/4"	$ 7.83
40MJ07PVC	5/8" x 3/4"	7 1/2"	1"	$ 15.73
40MJ09PVC	3/4"	9"	1"	$ 16.83
40MJ10PVC	1"	10 3/4"	1 1/4"	$ 20.67



Air Release / Vac Idler Tee

MODEL	METER	A	B	C	LIST PRICE
715AV13 x 7.50	5/8"	7 1/2"	3/4"	3/4"	$ 95.46
715AV23 x 7.50	5/8" x 3/4"	7 1/2"	1"	3/4"	$ 95.68
715AV33 x 9.00	3/4"	9"	1"	3/4"	$ 97.40
715AV44 x 10.75	1	10 3/4"	1 1/4"	1"	$ 138.06
715AV63 x 7.50	1 1/2"	7 1/2"	1 1/2" Oval Flange	3/4"	$ 270.13
715AV64 x 7.50	1 1/2"	7 1/2"	1 1/2" Oval Flange	1"	$ 275.26
715AV73 x 7.00	2"	7"	2" Oval Flange	3/4"	$ 396.91
715AV74 x 7.00	2"	7"	2" Oval Flange	1"	$ 402.54
715AV77 x 15.00 x 2.50	2"	15"	2" Oval Flange	2"	$ 512.45
715AV77 x 8.25	2"	8 1/4"	2" Oval Flange	2"	$ 444.83

Gaskets

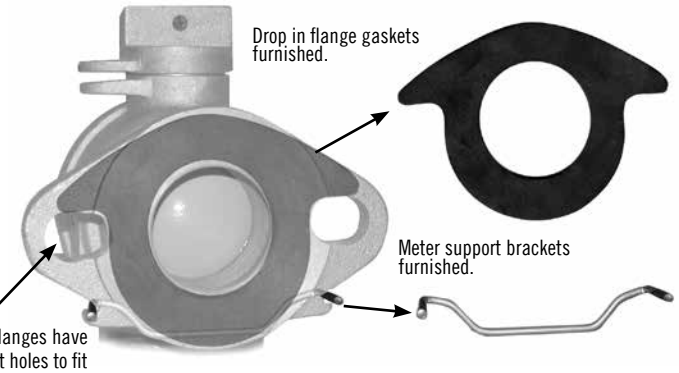


MODEL		DESCRIPTION	METER SIZE	LIST PRICE
18-G1		Rubber	5/8"	$ 0.35
18-G1F		Fiber	5/8"	$ 1.40
18-G1L		Waxed Leather	5/8"	$ 0.84
18-G2		Rubber	5/8" x 3/4" or 3/4"	$ 0.45
18-G2F		Fiber	5/8" x 3/4" or 3/4"	$ 1.49
18-G2L		Waxed Leather	5/8" x 3/4" or 3/4"	$ 0.81
18-G4		Rubber	1"	$ 0.48
18-G4F		Fiber	1"	$ 2.08
18-G4L		Waxed Leather	1"	$ 0.91



MODEL		DESCRIPTION	METER SIZE	LIST PRICE
18-G6	1 1/2"	Flange-Rubber	1 1/2"	$ 3.96
18-G7	2"	Flange-Rubber	2"	$ 4.49
4620G	1 1/2"	Round-Rubber	1 1/2"	$ 3.55
4620G	2"	Round-Rubber	2"	$ 4.02

MODEL		DESCRIPTION	METER SIZE	LIST PRICE
18-GFF6	1 1/2"	Full Flange	1 1/2"	$ 3.55
18-GFF7	2"	Full Flange	2"	$ 4.06

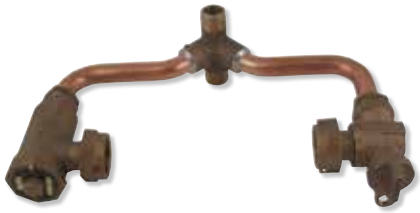












THE CUSTOMER IS THE BOSS

EST. 1856 McDonald

Copper Meter Insetters

Copper Meter Insetters

Water Works Catalog / Price List - April 2019

MORE THAN A BRAND. **WE'RE A FAMILY.**

740 Series - Union x Union

5/8", 5/8" x 3/4", 3/4" or 1" | "C" Style

The A.Y. McDonald 740 series "C Style" meter inside setting offers solder-less construction with multiple options for vertical inlet and outlet union end connection configurations and combinations.



Solderless Setting

To order "C" Style: Model No. **740-2----FF 33** above means:

740	-	2	--	--	FF		33
				INLET OUTLET	INLET OUTLET		
Series	**Style**	**Meter Size**	**Meter Height**	**Inlet and Outlet**	**Type of Connection Inlet and Outlet**	**Blank Space**	**Size Inlet & Outlet**
740 "C" Style	- = Standard	**1** = 5/8" **2** = 5/8"x 3/4" **3** = 3/4"	-- = Standard	-- = Standard			**1** = 1/2" **3** = 3/4" **4** = 1"

C = Copper flare union (3/4" or 1")
F = FNPT union (1/2", 3/4" or 1")
G = "G" CTS union (3/4")
M = MNPT union (3/4" or 1")
Q = "Q" CTS union (3/4")
S = Solder union (3/4" or 1")
T = "T" CTS union (3/4" or 1")
Y = "H CTS union (3/4")
2 = "-22" CTS MacPak union (3/4" or 1")
3 = "-33" PEP MacPak union (3/4")
4 = "-44" PVC MacPak union (3/4")
5 = "-55" IP MacPak union (3/4")

- Sealing gaskets for union ends are 40-EGSK3.

1" Meter Settings

The A.Y. McDonald 1" 740 series "C Style" meter inside setting offers multiple options for vertical inlet and outlet union end connection configurations and combinations with additional options for shut off or check valves.



To order "C" Style: Model No. **740-4----DD 44** above means:

740	-	4	--	--	DD		44
				INLET OUTLET	INLET OUTLET		
Series	**Style**	**Meter Size**	**Meter Height**	**Inlet and Outlet**	**Type of Connection Inlet and Outlet**	**Blank Space**	**Size Inlet & Outlet**
740 "C" Style	- = Standard	**4** = 1"	-- = Standard	-- = Standard			**4** = 1" **5** = 1 1/4"

D = Double purpose union (1")
G = "G" CTS union (3/4")
H = "H" CTS Handyloc (3/4)
M = MNPT union (1" & 1 1/4")
Q = "Q" CTS Union (1")
S = Solder union (1")
T = "T" CTS Union (1")
2 = "-22" CTS MacPak Union (1")

OPTIONS

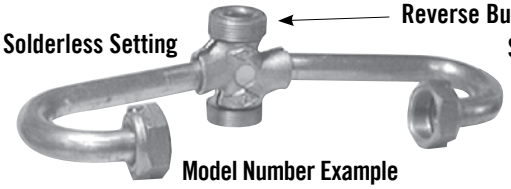
- Assemblies shipped with two meter gaskets and union gaskets.
- Insert stiffeners are required on all flexible plastic connections.
- **Not all combinations available, contact factory with your requirements.**
- **MOST METER SETTERS ARE MADE TO ORDER AND ARE NOT RETURNABLE.**
- **Please verify with the factory that the model number you have configured is available and meets your requirements.**

740 Series - Union x Union

Less End Connections and Union Nuts

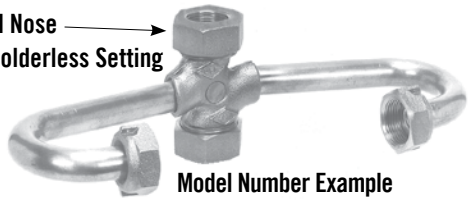
The A.Y. McDonald 740 series "C Style" meter inside setting is also available less end connections or less end connections and union nuts. These parts can be purchased separately to configure as required.

Less Nut & End Connections



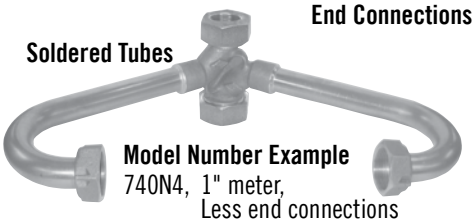
Model Number Example
40 - 1, 5/8" meter
40 - 2, 5/8" x 3/4" meter
40 - 3, 3/4" meter

Less End Connections with Union Nuts



Model Number Example
40N1, 5/8" meter
40N2, 5/8" x 3/4" meter
40N3, 3/4" meter

1" Model **Double Purpose End Connections**

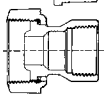
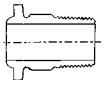
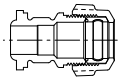
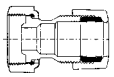
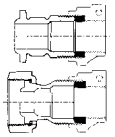


Model Number Example
740N4, 1" meter, Less end connections
740-4, 1" meter, Less union nuts & end connections

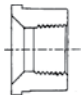
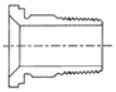
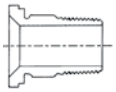
Unions

Unions for 5/8", 5/8" x 3/4", 3/4", & 1" Meter Settings - "C" Style Unions

5/8", 5/8" x 3/4", 3/4" Meters

	MODEL	DESCRIPTION
	740-3C3	3/4" Flare C-Style endpiece
	740-3C3ASY	3/4" Flare C-Style union assembly
	740-3C4ASY	1" Flare C-Style union assembly
	740-3F1	1/2" FNPT C-Style endpiece
	740-3F3	3/4" FNPT C-Style endpiece
	740-3F3ASY	3/4" FNPT C-Style union assembly
	740-3F4ASY	1" FNPT C-Style union assembly
	740-3M3	3/4" MNPT C-Style endpiece
	740-3M3ASY	3/4" MNPT C-Style union assembly
	740-3M4	1" MNPT C-Style endpiece
	740-3M4ASY	1" MNPT C-Style union assembly
	740-3Q3	3/4" Q CTS C-Style endpiece
	740-S3	3/4" Solder C-Style endpiece
	740-3S3ASY	3/4" Solder union assembly
	740-S4	1" Solder C-Style endpiece
	740-3S4ASY	1" Solder union assembly
	740-3T3	3/4" T CTS C-Style endpiece
	740-3T3ASY	3/4" T CTS C-Style union assembly
	740-3T4ASY	1" T CTS C-Style union assembly
	740-323	3/4" -22 CTS C-Style endpiece
	740-323ASY	3/4" -22 CTS C-Style union assembly
	740-324ASY	1" -22 CTS C-Style union assembly
	20-3N	Union nut for 3/4" Dual Purpose & C-Style Union

1" Meters

	MODEL	DESCRIPTION
	20-4N	1" Union nut only
	720-4D4	1" Double purpose endpiece flare or FNPT (also used on 5/8" x 3/4", 3/4" meter sets with 1" Double purpose connection)
	720-4D4ASY	1" Double purpose endpiece flare or FNPT (also used on 5/8" x 3/4", 3/4" meter sets with 1" Double purpose connection) with union nut & gasket
	720-4J4	1" C903 endpiece
	720-4J4ASY	1" C903 endpiece, union nut & gasket
	720-4M4	1" MNPT endpiece
	720-4M4ASY	1" MNPT endpiece, union nut & gasket
	720-4M5	1 1/4" MNPT endpiece
	720-4M5ASY	1 1/4" MNPT endpiece, union nut & gasket
	720-4Q4	1" Q CTS endpiece
	720-4Q4ASY	1" Q CTS endpiece, union nut & gasket
	720-4S4	1" Solder endpiece
	720-4S4ASY	1" Solder endpiece, union nut & gasket
	720-4T4	1" T CTS endpiece
	720-4T4ASY	1" T CTS endpiece, union nut & gasket
	20G4	1" Double purpose gaskets
	720-424	1" -22 CTS endpiece
	720-424ASY	1" -22 CTS endpiece, union nut & gasket

OPTIONS

- Assemblies shipped with two meter gaskets.
- Insert stiffeners are required on all flexible plastic connections.
- **Not all combinations available, contact factory with your requirements.**
- **MOST METER SETTERS ARE MADE TO ORDER AND ARE NOT RETURNABLE.**
- **Please verify with the factory that the model number you have configured is available and meets your requirements.**

740 Series - Union x Union

FOR 5/8", 5/8" X 3/4", 3/4", OR 1" METERS

"C" Style

5/8" Meter Size	Carton PCS/WT	Price
740-1----FF 33	5/18	$105.80

5/8" x 3/4" Meter Size	Carton PCS/WT	Price
740-2----FF 33	5/18	$111.37

3/4" Meter Size	Carton PCS/WT	Price
740-3----FF 33	5/18	$126.08

1" Meter Size	Carton PCS/WT	Price
740-4----DD 44	6/38	$196.99

Inlet Option Adders (Price per end):

5/8", 5/8" x 3/4", or 3/4" Meters

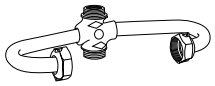
Option	Size	List	Size	List	Size	List
C - Copper flare union			3/4"	$10.15	1"	$29.84
F - Female union	1/2"	N/C	3/4"	N/C	1"	$14.85
M - Male union			3/4"	N/C	1"	$5.45
Q - "Q" CTS			3/4"	$15.46		
S - Solder union			3/4"	N/C	1"	$5.45
T - "T" CTS union			3/4"	$15.46	1"	$31.88
2 - "-22" CTS union			3/4"	$15.46	1"	$32.39
3 - "-33" PEP union			3/4"	$31.12		
4 - "-44" PVC union			3/4"	$31.12		
5 - "-55" IP union			3/4"	$32.44		

1" Meters

Option	Size	List
D - Double Purpose (Flare or FNPT)	1"	N/C
G - "G" CTS union	1"	$28.08
H - "H" CTS Handyloc	1"	$32.85
M - Male union	1"	N/C
Q - "Q" CTS union	1"	$28.08
S - Solder union	1"	N/C
T - "T" CTS union	1"	$28.08
2 - "-22" CTS MacPak union	1"	$28.08

Series 40

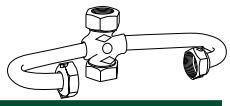
"C" Style



Model	Size	Carton PCS/WT	Price
40-1	5/8"	8/21	$55.69
40-2	5/8" x 3/4"	8/22	$60.05
40-3	3/4"	8/23	$71.53
740-4	1"	10/52	$141.35

Series 40

"C" Style



Model	Size	Carton PCS/WT	Price
40N1	5/8"	8/24	$69.19
40N2	5/8" x 3/4"	8/24	$73.50
40N3	3/4"	8/26	$85.01
740N4	1"	7/41	$169.12

Series 40 End Connections

5/8", 5/8" x 3/4" & 3/4" Meters

Model No.		Size	List
740-323	-	3/4" -22 CTS C-Style endpiece	$24.08
740-323ASY	-	3/4" -22 CTS C-Style Union Assembly	$32.78
740-324ASY	-	1" -22 CTS C-Style Union Assembly	$51.31
740-333ASY	-	3/4" -33 PEP-7 C-Style Union Assembly	$50.54
740-3C3	-	3/4" Flare C-Style endpiece	$27.06
740-3C3ASY	-	3/4" Flare C-Style Union Assembly	$35.73
740-3C4ASY	-	1" Flare C-Style Union Assembly	$49.25
740-3F1	-	1/2" FNPT C-Style endpiece	$8.65
740-3F3	-	3/4" FNPT C-Style endpiece	$8.68
740-3F3ASY	-	3/4" FNPT C-Style Union Assembly	$15.41
740-3F4ASY	-	1" FNPT C-Style Union Assembly	$29.63
740-3M3	-	3/4" MNPT C-Style endpiece	$8.68
740-3M3ASY	-	3/4" MNPT C-Style Union Assembly	$15.41
740-3M4	-	1" MNPT C-Style endpiece	$13.89
740-3M4ASY	-	1" MNPT C-Style Union Assembly	$20.66
740-3Q3	-	3/4" Q CTS C-Style endpiece	$24.08
740-3S3	-	3/4" Solder C-Style endpiece	$8.68
740-3S3ASY	-	3/4" Solder C-Style Union Assembly	$15.41
740-3S4	-	1" Solder C-Style endpiece	$13.89
740-3S4ASY	-	1" Solder C-Style Union Assembly	$20.66
740-3T3	-	3/4" T CTS C-Style endpiece	$24.08
740-3T3ASY	-	3/4" T CTS C-Style Union Assembly	$32.78
740-3T4ASY	-	1" T CTS C-Style Union Assembly	$51.31
20-3N	-	Union Nut for 3/4" DP & C-Style Unions	$6.78
40-EGSK3	-	3/4" Union Gasket	$0.48

1" Meters

Model No.		Size	List
720-424ASY	-	1" "-22" CTS Union Assembly	$39.57
720-4D4	-	1" Flare / FNPT Endpiece	$13.89
720-4D4ASY	-	1" Flare / FNPT Union Assembly	$24.75
720-4J4	-	1" C903 Endpiece	$50.61
720-4M4	-	1" MNPT endpiece	$13.89
720-4M4ASY	-	1" MNPT Union Assembly	$24.75
720-4M5	-	1 1/4" MNPT endpiece	$24.83
720-4M5ASY	-	1 1/4" MNPT Union Assembly	$35.65
720-4Q4	-	1" "Q" CTS Endpiece	$28.08
720-4Q4ASY	-	1" "Q" CTS Union Assembly	$39.57
720-4S4	-	1" Solder Endpiece	$13.89
720-4S4ASY	-	1" Solder Union Assembly	$24.75
720-4T4	-	1" "T" Endpiece	$28.08
20-4N	-	1" Union nut for 720 & 740	$10.85
20G4	-	1" Union Gasket	$0.63

OPTIONS

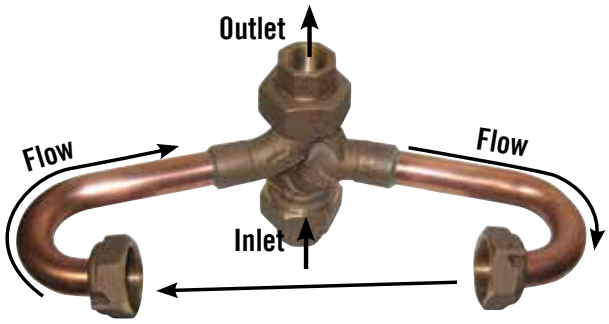
- Assemblies shipped with two meter gaskets.
- Insert stiffeners are required on all flexible plastic connections.
- **Not all combinations available, contact factory with your requirements.**
- **MOST METER SETTERS ARE MADE TO ORDER AND ARE NOT RETURNABLE.**
- **Please verify with the factory that the model number you have configured is available and meets your requirements.**

740M Series - Union x Union

5/8", 5/8" x 3/4" or 3/4" | "C" Style

The A.Y. McDonald 740M series “C Style” meter inside setting offers inlet and outlet union end connection configurations with additional options for shut off or check valves.

End connections are machined concave on the body and machined convex on the endpiece.



To order "M" Style: Model No. **740M2----FF 33** means:

740	M	2	--	--	FF		33
Series	Style	Meter Size	Meter Height	Inlet and Outlet	Type of Connection Inlet and Outlet	Blank Space	Size Inlet & Outlet
740 “C” Style	M = Standard	1 = 5/8" 2 = 5/8"x 3/4" 3 = 3/4"	-- = Standard (Blank) = Insetter less union and connections	-- = Standard - Tubes with meter nuts less saddles, no valves A = 3/4” Port Angle Single Check Valve F = 3/4” Port Angle Dual Check Valve (ASSE 1024) G = Angle Lockwing Plug Valve K = 3/4” Port Angle Lockwing Ball Valve N = Flanged Tubing with Meter Nut Q = Standard Port Angle Lockwing Ball Valve Z = Brass Elbow	C = Copper flare union (3/4" or 1”) F = FNPT union (1/2", 3/4” or 1") G = “G” CTS union (3/4”) M = MNPT union (3/4" or 1") Q = “Q” CTS union (3/4”) S = Solder union (3/4" or 1") T = “T” CTS union (3/4" or 1") Y = “H” CTS union (3/4”) 2 = “-22” CTS MacPak union (3/4" or 1") 3 = “-33” PEP MacPak union (3/4") 4 = “-44” PVC MacPak union (3/4") 5 = “-55” IP MacPak union (3/4")		1 = 1/2" 3 = 3/4" 4 = 1"

Uses same endpieces as “C” style

OPTIONS

- Assemblies shipped with two meter gaskets.
- Insert stiffeners are required on all flexible plastic connections.
- **Not all combinations available, contact factory with your requirements.**
- **MOST METER SETTERS ARE MADE TO ORDER AND ARE NOT RETURNABLE.**
- **Please verify with the factory that the model number you have configured is available and meets your requirements.**

740M Series - Union x Union

5/8", 5/8" x 3/4" or 3/4" | "C" Style

The A.Y. McDonald 740M series “C Style” meter inside setting offers inlet and outlet union end connection configurations with additional options for shut off or check valves.

5/8" Meter Size	Carton PCS/WT	Price
740M1----MM 33	8/32	$121.39

5/8" x 3/4" Meter Size	Carton PCS/WT	Price
740M2----MM 33	8/32	$121.39

3/4" Meter Size	Carton PCS/WT	Price
740M3----MM 33	8/32	$132.20

Inlet Option Adders (Price per end):

5/8", 5/8" x 3/4", or 3/4" Meters

Option	Size	List	Size	List	Size	List
C - Copper flare union			3/4"	$21.66	1"	$39.04
F - Female union	1/2”	$11.23	3/4”	N/C	1”	$10.09
M - Male union			3/4”	N/C	1”	$10.09
S - Solder union			3/4”	N/C	1”	$5.24
T - "T" CTS union			3/4"	$15.47	1”	$33.84
2 - "-22" CTS union			3/4"	$15.47	1"	$33.84
3 - "-33" PEP union			3/4"	$44.65		
4 - "-44" PVC union			3/4"	$44.65		
5 - "-55" IP union			3/4"	$44.65		

Options		5/8"	5/8" x 3/4"	3/4"
Ball Valve (add or subtract)	W for STP J for FP	$ 67.55 $ 123.36	$ 67.55 $ 123.36	$ 67.55 $ 123.36
Single poppet angle check valve		$56.46	$56.46	$56.46
ASSE approved angle dual check valve	D for STP	$123.48	$123.48	$123.48
Cascading Dual Check *Use “D X992” in model number*		$112.68	$112.68	$112.68
Plug Valves - Use "L" in model number		$55.59	$55.59	$55.59

STP = Standard **FP** = Full Port

OPTIONS

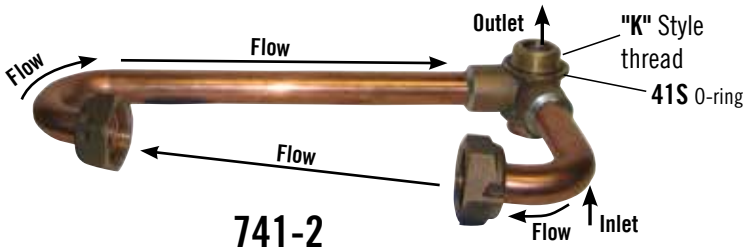
- Assemblies shipped with two meter gaskets.
- Insert stiffeners are required on all flexible plastic connections.
- **Not all combinations available, contact factory with your requirements.**
- **MOST METER SETTERS ARE MADE TO ORDER AND ARE NOT RETURNABLE.**
- **Please verify with the factory that the model number you have configured is available and meets your requirements.**

741 Series

5/8", 5/8" x 3/4" or 3/4" | Meter Settings - "K" Style

The A.Y. McDonald 741 series "K Style" meter inside setting offers left and right offset configurations along with additional options for shut off or check valves. Minimal changes to customer plumbing is required. Cut in style end connections are available to connect to varying service line materials. The special inlet and outlet thread and o-ring seal combination offers quick, leak free connections.

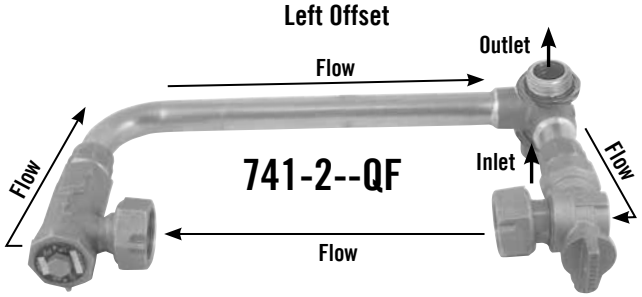
Series 741-Standard Left Offset



741-2

Can be used as left or right offset

Left Offset



Series 741 - with Angle Ball Valve and Angle Dual Check Valve

To order "K" Style: Model No. **741-2** above means:

741	-	2
Series	**Style**	**Meter Size**
741 "K" Style	- = Standard (Left) **C** = K Style insetter with 744 series tubes **D** = 7/8" tube (Not available for 5/8" meters with flange) **X** = K Style with right hand configuration (with valves only)	**1** = 5/8" **2** = 5/8"x 3/4" **3** = 3/4"

To order "K" Style: Model No. **741-2--QF** above means:

741	-	2	--	QF
				INLET OUTLET
Series	**Style**	**Meter Size**	**Meter Height**	**Inlet and Outlet Valves**
741 "K" Style	- = Standard (Left) **C** = K Style insetter with 744 series tubes **D** = 7/8" tube (Not available for 5/8" meters with flange) **X** = K Style with right hand configuration (with valves only)	**1** = 5/8" **2** = 5/8"x 3/4" **3** = 3/4"	-- = Standard **(If Blank)** = Standard settings less valve and end connections	**A** = 3/4" Port Angle Single Check Valve **F** = 3/4" Port Angle Dual Check Valve (ASSE 1024) **G** = Angle Lockwing Plug Valve **K** = 3/4" Port Angle Lockwing Ball Valve **N** = Flanged Tubing with Meter Nut **Q** = Standard Port Angle Lockwing Ball Valve **Z** = Brass Elbow

OPTIONS

- Assemblies shipped with two meter gaskets.
- Valves and Compression assemblies ordered separately.
- Inline Dual Check Backflow Valves available for 5/8", 5/8" x 3/4", and 3/4" "K" style insetters.
- Contact factory for setting the test valve soldered in tubing.
- Insert stiffeners are required on all flexible plastic connections.
- **Not all combinations available, contact factory with your requirements.**
- **MOST METER SETTERS ARE MADE TO ORDER AND ARE NOT RETURNABLE.**
- **Please verify with the factory that the model number you have configured is available and meets your requirements.**

Options		5/8"	5/8" x 3/4"	3/4"	1"
Ball Valve (add or subtract)	Q for STP K for FP	$ 67.55 $ 123.36	$ 67.55 $ 123.36	$ 67.55 $ 123.36	$ 135.55 $ 185.83
Single poppet angle check valve		$56.46	$56.46	$56.46	$73.72
ASSE approved angle dual check valve	F for STP	$123.48	$123.48	$123.48	$117.10
Cascading Dual Check *Use "D X992" in model number*		$112.68	$112.68	$112.68	$117.11
Plug Valves - Use "G" in model number		$55.59	$55.59	$55.59	$85.23

STP = Standard Port **FP** = Full Port

741 Series

FOR 5/8", 5/8" X 3/4", 3/4"

"K" Style

5/8" Meter Size	Carton PCS/WT	Price
741-1	12/27	$83.12

5/8" x 3/4" Meter Size	Carton PCS/WT	Price
741-2	12/27	$87.78

3/4" Meter Size	Carton PCS/WT	Price
741-3	12/24	$97.32

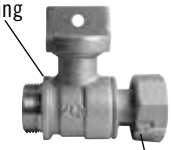
Ball Valves for K Style

Model	Valve Size	Description	List Price
761001S 3/4" x 5/8" x 3/4"	5/8"	3/4" "K" Swivel Nut x 3/4" "K" Male Thread less lockwing	$ 72.80
761001SW 3/4" x 5/8" x 3/4"	5/8"	3/4" "K" Swivel Nut x 3/4" "K" Male Thread with lockwing	$ 76.56
761011 3/4" x 5/8" x 3/4"	5/8"	3/4" FNPT x 3/4" Female "K" Thread less lockwing	$ 68.63
761011W 3/4" x 5/8" x 3/4"	5/8"	3/4" FNPT x 3/4" Female "K" Thread with lockwing	$ 73.84
761021W 3/4"	3/4"	3/4" Flare x 3/4" Female "K" Thread	$ 114.32
761021W-22 3/4" x 5/8" x 3/4"	5/8"	3/4" -22 CTS x 3/4" Female "K" Thread	$ 83.29
761021W-22 3/4"	3/4"	3/4" -22 CTS x 3/4" Female "K" Thread	$ 109.03
761021WQ 3/4" x 5/8" x 3/4"	5/8"	3/4" Q CTS x 3/4" Female "K" Thread	$ 109.03
761021WT 3/4" x 5/8" x 3/4"	5/8"	3/4" T CTS x 3/4" Female "K" Thread	$ 83.29
41S		K-Style Bottom Bar O-Ring - 25 per bag	$ 1.34
41SKBV		K-Style Swivel Ball Valve O-Ring - 25 per bag	$ 2.73



761011W

41S o-ring



761001S

41SKBV o-ring



761021W



761021WT



761021W-22

Fittings for Model 741-1, 741-2, or 741-3



747541T



747541-22, 747541-33, 747541-44



747541-55

Model	Size	Description	List Price
747541P	3/4"	MNPT x "K" Thread	$ 14.03
747541F	3/4"	FNPT x "K" Thread	$ 15.27
747541S	1/2" x 3/4"	Solder x "K" Thread	$ 16.00
747541S	3/4"	Solder x "K" Thread	$ 16.46
747541-22	3/4"	"-22" CTS x "K" Thread	$ 21.41
747541-22	1/2" x 3/4"	"-22" CTS x "K" Thread	$ 23.60
747541-22	1" x 3/4"	"-22" CTS x "K" Thread	$ 26.92
747541-22	1 1/4" x 3/4"	"-22" CTS x "K" Thread	$ 53.59
747541-22	1 3/16" x 3/4"	"-22" CTS x "K" Thread	$ 23.60
747541Q	3/4"	"Q" CTS x "K" Thread	$ 21.41
747541Q	1" x 3/4"	"Q" CTS x "K" Thread	$ 26.92
747541Q	1 1/4" x 3/4"	"Q" CTS x "K" Thread	$ 53.59

Model	Size	Description	List Price
747541T	3/4"	"T" CTS x "K" Thread	$ 21.41
747541T	1" x 3/4"	"T" CTS x "K" Thread	$ 26.92
747541T	1 1/4" x 3/4"	"T" CTS x "K" Thread	$ 53.59
747541-33	3/4"	"-33" PEP x "K" Thread	$ 28.49
747541-33	1" x 3/4"	"-33" PEP x "K" Thread	$ 51.05
747541-3Q	1" x 3/4"	"-3Q" PEP x "K" Thread	$ 51.05
747541-44	1/2" x 3/4"	"-44" PVC x "K" Thread	$ 22.91
747541-44	3/4"	"-44" PVC x "K" Thread	$ 27.43
747541-44	1" x 3/4"	"-44" PVC x "K" Thread	$ 51.13
747541-55	3/4"	"-55" IP x "K" Thread	$ 21.41
747541-55	1" x 3/4"	"-55" IP x "K" Thread	$ 37.29
47541GSKT	–	Copper spacing gasket	$ 1.30

711, 7201, 7211 Series - Inline Dual Check Backflow Preventers

Model	Valve Size	Inlet x Outlet	List Price
711-32K 33	3/4"	13/16 CTS Union x Male "K" Integral	$102.16
711-3KL 33	3/4"	Male "K" Integral x Female "K" Union	$125.71
711-3LK 33	3/4"	Female "K" Union x Male "K" Integral	$105.32
711-3LE 33	3/4"	Female "K" Union x FNPT Integral	$105.32
711-3L2 33	3/4"	Female "K" Union x -22 CTS Integral	$138.07
711-3LT 33	3/4"	Female "K" Union x T CTS Integral	$138.07
711-3LV 33	3/4"	Female "K" Union x Q CTS Integral	$138.07
711-3MK 33	3/4"	MNPT Union x Male "K" Integral	$100.80
711-3QK 33	3/4"	Male "K" Union x Male "K" Integral	$100.80
711E3LK 33	3/4	Female "K" Union x Male "K" Integral	$105.32

Model	Valve Size	Inlet x Outlet	List Price
7201C3KL 331	3/4"	Male "K" x Female "K"	$185.68
7201C3KL 331 x 001	3/4"	Male "K" x Female "K"	$196.99
7201C3KL 332	3/4"	Male "K" x Female "K"	$185.68
7201C3KL 332 x 001	3/4"	Male "K" x Female "K"	$196.99
7201C3LK 331	3/4"	Female "K" x Male "K"	$185.68
7201C3LK 331 x 001	3/4"	Female "K" x Male "K"	$196.99
7201C3LK 332	3/4"	Female "K" x Male "K"	$185.68
7201C3LK 332 x 001	3/4"	Female "K" x Male "K"	$196.99
7211E3LK 331	3/4"	Female "K" x Male "K"	$259.01
7211-3LK 331	3/4"	Female "K" x Male "K"	$235.51
7211-3LK 332	3/4"	Female "K" x Male "K"	$235.51



711-3LK 33



7211-3LK 332



7201C3KL 332

OPTIONS

- Insert stiffeners are required on all flexible plastic connections.

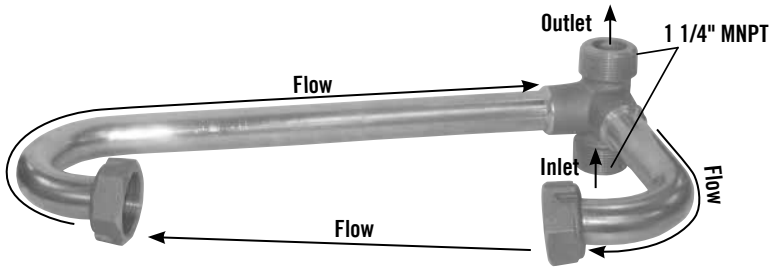
741 Series

1" Meter | "K" Style

The A.Y. McDonald 1" 741 series "K Style" meter inside setting offers left and right offset configurations along with additional options for shut off or check valves. End connections are available to connect to varying service line materials. The Male Iron Pipe Thread (MNPT) inlet and outlet thread allows multiple combinations with female adapters for quick, leak free connections.

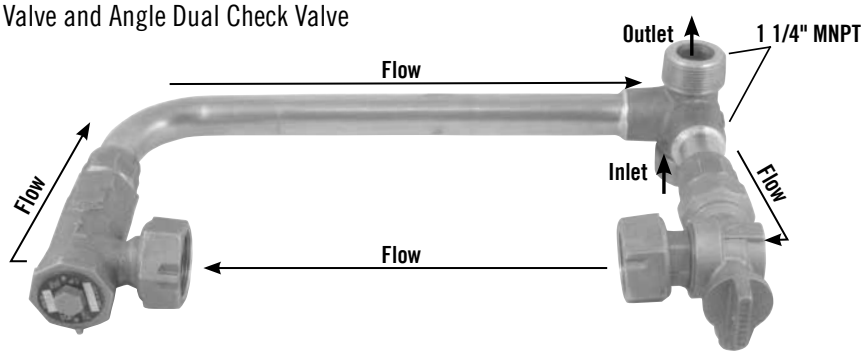
To order "K" Style: Model No. **741-4** means:

741	-	4	--	--	PP	55
Series	Style	Meter Size	Meter Height	Inlet and Outlet	Male Iron Pipe	(1 1/4" MNPT In/Out)
741 "K" Style	-- = Standard (Left) **C** = K Style insetter with 744 series tubes, see page 369.	**4** = 1"				



Meter Settings withIntegral Valves

Series 741 - with Angle Ball Valve and Angle Dual Check Valve



To order "K" Style: Model No. **741-4--QF** above means:

741	-	4	--	QF (INLET OUTLET)	PP	55
Series	Style	Meter Size	Meter Height	Inlet and Outlet	Male Iron Pipe	(1 1/4" MNPT In/Out)
741 "K" Style	– = Standard **C** = K Style insetter with 744 series tubes, see page 369. **X** = K Style right hand configuration	**4** = 1"	-- = Standard	**A** = 1" Port Angle Single Check Valve **F** = 3/4" Port Angle Dual Check Valve (ASSE 1024) **G** = Angle Lockwing Plug Valve **K** = 1" Port Angle Lockwing Ball Valve **N** = Flanged Tubing with Meter Nut **P** = 1" Port Angle Dual Check Valve (ASSE 1024) **Q** = Standard Port Angle Lockwing Ball Valve **Z** = Brass Elbow	**PP** = MNPT x MNPT	**5** = 1 1/4"

OPTIONS

- Assemblies shipped with two meter gaskets.
- Inline Dual Check Backflow Valves available for 5/8", 5/8" x 3/4", and 3/4" "K" style insetters.
- Contact factory for setting the test valve soldered in tubing.
- Insert stiffeners are required on all flexible plastic connections.
- **Not all combinations available, contact factory with your requirements.**
- **MOST METER SETTERS ARE MADE TO ORDER AND ARE NOT RETURNABLE.**
- **Please verify with the factory that the model number you have configured is available and meets your requirements.**

741 SERIES

Compression Assemblies & Ball Valves for 1" "K" Style

1" Meter Size	Carton PCS/WT	Price
741-4	10/40	$185.00



76101MW



76100MW-22, 76100MW-33
76100MW-44



76100MWT

Ball Valves for Model 741-4 with Lockwing

Model	Description	List Price
76101MW 1" x 3/4" x 1"	1" FNPT x 1" Meter Swivel	$119.50
76101MW 1"	1" FNPT x 1" Meter Swivel	$163.87
76100MW 1" x 3/4" x 1"	1" Flare x 1" Meter Swivel	$143.04
76100MW 1"	1" Flare x 1" Meter Swivel	$175.51
76100MW-22 1" x 3/4" x 1"	1" -22 CTS x 1" Meter Swivel	$148.10
76100MW-22 1"	1" -22 CTS x 1" Meter Swivel	$182.03
76100MWG 1" x 3/4" x 1"	1" G CTS x 1" Meter Swivel	$148.10
76100MWG 1"	1" G CTS x 1" Meter Swivel	$182.03
76100MWQ 1" x 3/4" x 1"	1" Q CTS x 1" Meter Swivel	$148.10
76100MWQ 1"	1" Q CTS x 1" Meter Swivel	$182.03
76100MWT 1" x 3/4" x 1"	1" T CTS x 1" Meter Swivel	$148.10
76100MWT 1"	1" T CTS x 1" Meter Swivel	$182.03
76100MW-33 1"	1" -33 PEP-7 x 1" Meter Swivel	$198.48
76100MW-44 1"	1" -44 PVC x 1" Meter Swivel	$198.48

Ball Valves for Model 741-4 without Lockwing

Model	Description	List Price
76101M 1" x 3/4" x 1"	1" FNPT x 1" Meter Swivel	$119.62
76101M 1"	1" FNPT x 1" Meter Swivel	$160.14
76100M 1" x 3/4" x 1"	1" Flare x 1" Meter Swivel	$139.29
76100M 1"	1" Flare x 1" Meter Swivel	$171.73
76100M-22 1" x 3/4" x 1"	1" -22 CTS x 1" Meter Swivel	$144.34
76100M-22 1"	1" -22 CTS x 1" Meter Swivel	$178.28
76100MQ 1" x 3/4" x 1"	1" Q CTS x 1" Meter Swivel	$144.34
76100MQ 1"	1" Q CTS x 1" Meter Swivel	$178.28
76100MT 1" x 3/4" x 1"	1" T CTS x 1" Meter Swivel	$144.34
76100MT 1"	1" T CTS x 1" Meter Swivel	$178.28
76100M-33 1"	1" -33 PEP-7 x 1" Meter Swivel	$194.96
76100M-3G 1"	1" -33 PEP-7 x 1" Meter Swivel	$194.96
76100M-3G 1"	1" -33 PEP-7 x 1" Meter Swivel	$194.96
76100M-44 1"	1" -44 PVC x 1" Meter Swivel	$194.96
76100M-55 1	1" -55 IP x 1" Meter Swivel	$ 205.23



74754T



74754-22, 74754-33, 74754-44



74754-55

Fittings for Model 741-4

Model	Description	List Price
74754 1" x 1 1/4"	1" Flare x 1 1/4" FNPT	$48.74
74754 1 1/4"	1" Flare x 1 1/4" FNPT	$67.68
74754-22 1" x 1 1/4"	1" -22 CTS x 1 1/4" FNPT	$44.83
74754-22 1 1/4"	1" -22 CTS x 1 1/4" FNPT	$69.76
74754-22 1 1/2" x 1 1/4"	1" -22 CTS x 1 1/4" FNPT	$83.10
*747541-22 1" x 1 1/4"	1" -22 CTS x 1 1/4" FNPT	$44.83
74754G 1" x 1 1/4"	1" G CTS x 1 1/4" FNPT	$44.83
74754G 1 1/4"	1" G CTS x 1 1/4" FNPT	$69.76
*747541G 1" x 1 1/4"	1" G CTS x 1 1/4" FNPT	$44.83
74754Q 1" x 1 1/4"	1" Q CTS x 1 1/4" FNPT	$44.83
74754Q 1 1/4"	1" Q CTS x 1 1/4" FNPT	$69.76
*747541Q 1" x 1 1/4"	1" Q CTS x 1 1/4" FNPT	$44.83

Model	Description	List Price
74754T 1" x 1 1/4"	1" T CTS x 1 1/4" FNPT	$44.83
74754T 1 1/4"	1" T CTS x 1 1/4" FNPT	$69.76
*747541T 1" x 1 1/4"	1" T CTS x 1 1/4" FNPT	$44.83
74754-33 1" x 1 1/4"	1" -33 PEP-7 x 1 1/4" FNPT	$59.70
74754-33 1 1/4"	1" -33 PEP-7 x 1 1/4" FNPT	$63.92
74754-3G 1" x 1 1/4"	1" -3G PEP x 1 1/4" FNPT	$53.56
74754-44 1" x 1 1/4"	1" -44 PVC x 1 1/4" FNPT	$53.54
74754-44 1 1/4"	1" -44 PVC x 1 1/4" FNPT	$66.38
74754-55 1" x 1 1/4"	1" -55 IP x 1 1/4" FNPT	$51.24

* No internal pipe stop

711 Series -
Inline Dual Check Backflow Preventers



Model	Valve Size	Description	List Price
711-4JF 54	1"	1" Meter Swivel Nut x 1" FNPT	$216.04
711-4JM 54	1"	1" Meter Swivel Nut x 1" MNPT	$216.04

Options		5/8"	5/8" x 3/4"	3/4"	1"
Ball Valve (add or subtract)	Q for STP K for FP	$ 67.55 $ 123.36	$ 67.55 $ 123.36	$ 67.55 $ 123.36	$ 135.55 $ 185.83
Single poppet angle check valve		$ 56.11	$ 56.11	$ 56.11	$ 67.45
ASSE approved angle dual check valve	F for STP P for FP	$56.46	$56.46	$56.46	$73.72 $117.10
Cascading Dual Check *Use "D X992" in model number*		$112.68	$112.68	$112.68	$117.11
Plug Valves - Use "G" in model number		$55.59	$55.59	$55.59	$85.23

STP = Standard **FP** = Full Port

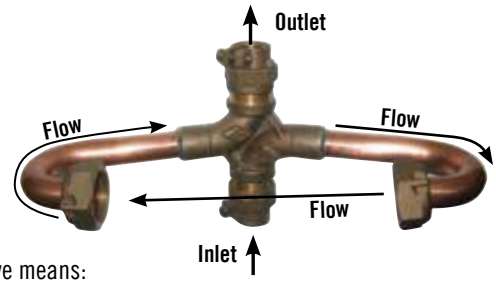
OPTIONS

- Insert stiffeners are required on all flexible plastic connections.

742 SERIES - Integral Compression x Integral Compression

5/8", 5/8" x 3/4", or 3/4" | "H" Style, Less Valves

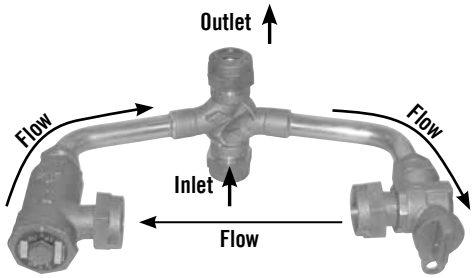
The A.Y. McDonald 742 series "H Style" meter inside setting offers integral Compression type inlet and outlet end connection configurations with additional options for shut off or check valves.



To order "H" Style: Model No. **742-2----22 33** above means:

742	-	2	--	--	22		33
				INLET OUTLET	INLET OUTLET		
Series	**Style**	**Meter Size**	**Meter Height**	**Inlet and Outlet**	**Type of Connection Inlet and Outlet**	**Blank Space**	**Size Inlet & Outlet**
742 "H" Style	– = Standard **D** = 7/8" tube (Not available for 5/8" meters with flange)	**1** = 5/8" **2** = 5/8" x 3/4" **3** = 3/4"	-- = Standard	-- = Standard	**G** = "G" CTS integral (3/4") **H** = "H" CTS Handyloc integral (3/4") **J** = C903 integral (3/4") **Q** = "Q" CTS McQuick integral (3/4") **T** = "T" CTS integral (3/4") **2** = "-22" CTS MacPak integral (1/2", 3/4") **3** = "-33" PEP MacPak integral (3/4") **4** = "-44" PVC MacPak integral (3/4") **5** = "-55" IP MacPak integral (3/4")		**1** = 1/2" **3** = 3/4"

5/8", 5/8" x 3/4", or 3/4" Meter Settings with Valves
"H" Style



To order "H" Style: Model No. **742-2--QFQQ 33** above means:

742	-	2	--	QF	QQ		33
				INLET OUTLET	INLET OUTLET		
Series	**Style**	**Meter Size**	**Meter Height**	**Inlet and Outlet**	**Type of Connection Inlet and Outlet**	**Blank Space**	**Size Inlet & Outlet**
742 "H" Style	– = Standard **D** = 7/8" tube (Not available for 5/8" meters with flange)	**1** = 5/8" **2** = 5/8"x 3/4" **3** = 3/4"	-- = Standard	**A** = 3/4" & 1" Port Angle Single Check Valve **F** = 3/4" Port Angle Dual Check Valve (ASSE 1024) **G** = Angle Lockwing Plug Valve **K** = 3/4" & 1" Port Angle Lockwing Ball Valve **N** = Flanged Tubing with Meter Nut **P** = 1" Port Angle Dual Check Valve (ASSE 1024) **Q** = Standard Port Angle Lockwing Ball Valve Rated at 300 PSIG **Z** = Brass Elbow	**G** = "G" CTS integral (3/4") **H** = "H" CTS Handyloc integral (3/4") **J** = C903 integral (3/4") **Q** = "Q" CTS McQuick integral (3/4") **T** = "T" CTS integral (3/4") **2** = "-22" CTS MacPak integral (1/2", 3/4") **3** = "-33" PEP MacPak integral (3/4") **4** = "-44" PVC MacPak integral (3/4") **5** = "-55" IP MacPak integral (3/4")		**1** = 1/2" **3** = 3/4"

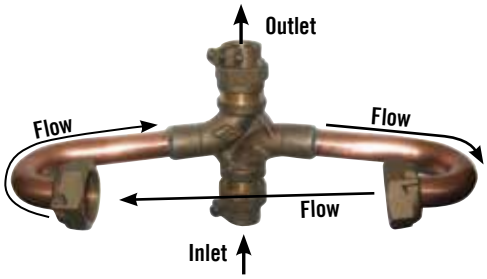
OPTIONS

- Assemblies shipped with two meter gaskets.
- Insert stiffeners are required on all flexible plastic connections.
- **Not all combinations available, contact factory with your requirements.**
- **MOST METER SETTERS ARE MADE TO ORDER AND ARE NOT RETURNABLE.**
- **Please verify with the factory that the model number you have configured is available and meets your requirements.**

742 SERIES

1" | "H" Style, Less Valves

The A.Y. McDonald 742 series “H Style” meter inside setting offers integral Compression type inlet and outlet end connection configurations with additional options for shut off or check valves.

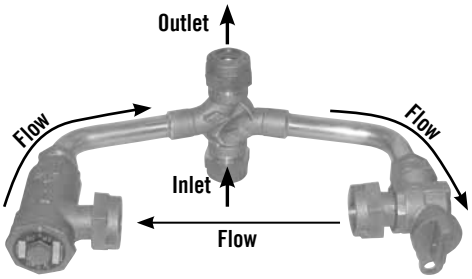


To order "H" Style: Model No. **742-4----22 44** above means:

742	-	4	--	--	22		44
				INLET OUTLET	INLET OUTLET		
Series	**Style**	**Meter Size**	**Meter Height**	**Inlet and Outlet**	**Type of Connection Inlet and Outlet**	**Blank Space**	**Size Inlet & Outlet**
742 "H" Style	– = Standard	4 = 1"	-- = Standard	-- = Standard			4 = 1"

G = G CTS integral (1")
Q = Q CTS McQuick integral (1")
T = T CTS integral (1")
2 = -22 CTS MacPak integral (1")

1" Meter Settings with Valves "H" Style



To order "H" Style: Model No. **742-4--QFQQ 44** above means:

742	-	4	--	QF	QQ		44
				INLET OUTLET	INLET OUTLET		
Series	**Style**	**Meter Size**	**Meter Height**	**Inlet and Outlet**	**Type of Connection Inlet and Outlet**	**Blank Space**	**Size Inlet & Outlet**
742 "H" Style	– = Standard	4 = 1"	-- = Standard				4 = 1"

A = 1” Port Angle Single Check Valve
F = 3/4” Port Angle Dual Check Valve (ASSE 1024)
G = Angle Lockwing Plug Valve
K = 1” Port Angle Lockwing Ball Valve
N = Flanged Tubing with Meter Nut
P = 1” Port Angle Dual Check Valve (ASSE 1024)
Q = Standard Port Angle Lockwing Ball Valve
Z = Brass Elbow

G = “G” CTS integral (1")
Q = “Q” CTS McQuick integral (1")
T = “T” CTS integral (1")
2 = “-22” CTS MacPak integral (1")

OPTIONS

- Assemblies shipped with two meter gaskets.
- Insert stiffeners are required on all flexible plastic connections.
- **Not all combinations available, contact factory with your requirements.**
- **MOST METER SETTERS ARE MADE TO ORDER AND ARE NOT RETURNABLE.**
- **Please verify with the factory that the model number you have configured is available and meets your requirements.**

742 Series

FOR 5/8”, 5/8” X 3/4”, 3/4”, OR 1” METERS

“H” Style

5/8" Meter Size	Carton PCS/WT	Price
742-1----22 33	8/28	$106.52

5/8" x 3/4" Meter Size	Carton PCS/WT	Price
742-2----22 33	8/24	$111.81

3/4" Meter Size	Carton PCS/WT	Price
742-3----22 33	8/24	$120.04

1" Meter Size	Carton PCS/WT	Price
742-4----22 44	4/21	$282.44

Inlet Option Adders (Price per end):

5/8", 5/8" x 3/4", or 3/4" Meters

Option	Size	List	Size	List
Q - “Q” CTS			3/4"	N/C
T - “T” CTS			3/4”	N/C
2 - "-22" CTS	1/2”	N/C	3/4"	N/C
3 - "-33" PEP			3/4"	$8.39
4 - "-44" PVC			3/4"	$8.39
5 - "-55" IP			3/4"	$8.39

1" Meters

Option	Size	List
G - “G” CTS	1”	N/C
Q - “Q” CTS	1”	N/C
T - “T” CTS	1”	N/C
2 - “-22” CTS MacPAK	1”	N/C

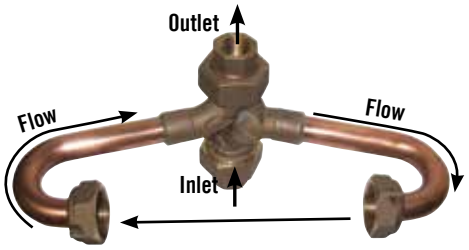
Options		5/8"	5/8" x 3/4"	3/4"	1"
Ball Valve (add or subtract)	Q for STP K for FP	$ 67.55 $ 123.36	$ 67.55 $ 123.36	$ 67.55 $ 123.36	$ 135.55 $ 185.83
Single poppet angle check valve		$56.46	$56.46	$56.46	$73.72
ASSE approved angle dual check valve	F for STP P for FP	$123.48	$123.48	$123.48	$117.10 $214.32
Cascading Dual Check *Use “D X992” in model number*		$112.68	$112.68	$112.68	$117.11
Plug Valves - Use "G" in model number		$55.59	$55.59	$55.59	$85.23

STP = Standard **FP** = Full Port

743 SERIES

5/8", 5/8" x 3/4" or 3/4" | "M" Style
Union x Union

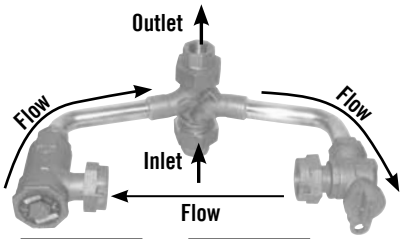
The A.Y. McDonald 743 series "M Style" meter inside setting offers inlet and outlet union end connection configurations with additional options for shut off or check valves.



To order "M" Style: Model No. **743-2----DD 33** means:

743	-	2	--	--	22		33
				INLET OUTLET	INLET OUTLET		
Series	**Style**	**Meter Size**	**Meter Height**	**Inlet and Outlet**	**Type of Connection Inlet and Outlet**	**Blank Space**	**Size Inlet & Outlet**
743 "M" Style	– = Standard **D** = 7/8" tube (Not available for 5/8" meters with flange) **N** = Insetter with Nuts Only No End pieces	**1** = 5/8" **2** = 5/8"x 3/4" **3** = 3/4"	-- = Standard	**A** = 3/4" Port Angle Single Check Valve **F** = 3/4" Port Angle Dual Check Valve (ASSE 1024) **G** = Angle Lockwing Plug Valve **K** = 3/4" Port Angle Lockwing Ball Valve **N** = Flanged Tubing with Meter Nut **Q** = Standard Port Angle Lockwing Ball Valve **Z** = Brass Elbow	**D** = Double purpose union (Flare or FNPT) (3/4") **F** = FNPT union (1/2" or 1") **L** = Less nut or connection & nut (3/4") **M** = MNPT union (3/4", 1") **S** = Solder union (3/4" or 1") **T** = "T" CTS union (3/4", 1") **2** = "-22" CTS MacPak union (3/4" or 1") **3** = "-33" PEP MacPak union (3/4") **4** = "-44" PVC MacPak union (3/4") **5** = "-55" IP MacPak union (3/4")		**1** = 1/2" **3** = 3/4" **4** = 1"

1" Meter Settings



To order "M" Style: Model No. **743-4--QFDD 44** above means:

743	-	4	--	QF	DD		44
				INLET OUTLET	INLET OUTLET		
Series	**Style**	**Meter Size**	**Meter Height**	**Inlet and Outlet**	**Type of Connection Inlet and Outlet**	**Blank Space**	**Size Inlet & Outlet**
743 "M" Style	– = Standard **N** = Insetter with nuts only no end pieces	**4** = 1"	-- = Standard	**A** = 1" Port Angle Single Check Valve **F** = 3/4" Port Angle Dual Check Valve (ASSE 1024) **G** = Angle Lockwing Plug Valve **K** = 1" Port Angle Lockwing Ball Valve **N** = Flanged Tubing with Meter Nut **P** = 1" Port Angle Dual Check Valve (ASSE 1024) **Q** = Standard Port Angle Lockwing Ball Valve **Z** = Brass Elbow	**D** = Double purpose union (Flare or FNPT) (1") **L** = Less nut or connection & nut (1") **G** = "G" CTS union (1") **M** = MNPT Union (1" & 1 1/4") **Q** = "Q" CTS Union (1") **S** = Solder Union (1") **T** = "T" CTS Union (1") **2** = "-22" CTS MacPak Union (1")		**4** = 1" **5** = 1 1/4"

OPTIONS

- Assemblies shipped with two meter gaskets.
- Insert stiffeners are required on all flexible plastic connections.
- **Not all combinations available, contact factory with your requirements.**
- **MOST METER SETTERS ARE MADE TO ORDER AND ARE NOT RETURNABLE.**
- **Please verify with the factory that the model number you have configured is available and meets your requirements.**

743 Series

FOR 5/8”, 5/8” X 3/4”, 3/4”, OR 1” METERS

“M” Style - Union x Union

5/8" Meter Size	Carton PCS/WT	Price	5/8" x 3/4" Meter Size	Carton PCS/WT	Price	3/4" Meter Size	Carton PCS/WT	Price	1" Meter Size	Carton PCS/WT	Price
743-1----DD 33	8/29	$121.39	743-2----DD 33	8/32	$121.40	743-3----DD 33	8/30	$132.20	743-4----DD 44	4/24	$196.87

Inlet Option Adders (Price per end):

5/8", 5/8" x 3/4", or 3/4" Meters

Option	Size	List	Size	List
C - Copper flare union	3/4"	$21.66	1"	$39.04
D - Double Purpose (Flare or FNPT)	3/4”	N/C		
F - Female union	1/2”	$11.23	1”	$10.09
M - Male union	3/4”	N/C	1”	$10.09
S - Solder union	3/4”	N/C	1”	$5.24
T - "T" CTS union	3/4"	$15.47	1”	$33.84
2 - "-22" CTS union	3/4"	$15.47	1"	$33.84
3 - "-33" PEP union	3/4"	$44.65		
4 - "-44" PVC union	3/4"	$44.65		
5 - "-55" IP union	3/4"	$44.65		

1" Meters

Option	Size	List
D - Double Purpose (Flare or FNPT)	1”	N/C
G - “G” CTS union	1”	$28.08
M - Male union	1”	N/C
Q - “Q” CTS union	1”	$28.08
S - Solder union	1”	N/C
T - “T” CTS union	1”	$28.08
2 - “-22” CTS MacPak union	1”	$28.08

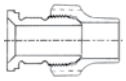
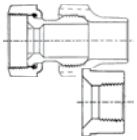
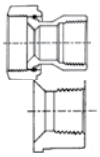
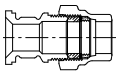
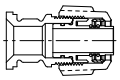
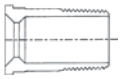
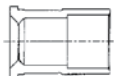
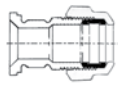
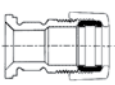
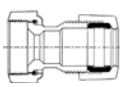
Options		5/8"	5/8" x 3/4"	3/4"	1"
Ball Valve (add or subtract)	Q for STP F for FP	$ 67.55 $ 123.36	$ 67.55 $ 123.36	$ 67.55 $ 123.36	$ 135.55 $ 185.83
Single poppet angle check valve		$56.46	$56.46	$56.46	$73.72
ASSE approved angle dual check valve	F for STP P for FP	$123.48	$123.48	$123.48	$117.10 $214.32
Cascading Dual Check *Use “D X992” in model number*		$112.68	$112.68	$112.68	$117.11
Plug Valves - Use "G" in model number		$55.59	$55.59	$55.59	$85.23

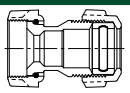
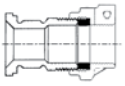
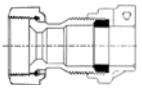
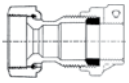
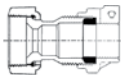
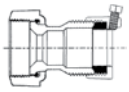
STP = Standard **FP** = Full Port

Unions

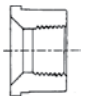
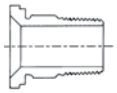
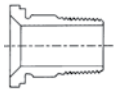
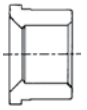
5/8", 5/8" x 3/4", 3/4", or 1" | "M" Style
Nut, Endpieces, & Gaskets - Used with 720 & 743 series and other Double Purpose Series Insetters

5/8", 5/8" x 3/4" & 3/4" Meters

	MODEL	DESCRIPTION
	720-3C3	3/4" Flare endpiece
	720-3C3ASY	3/4" Flare endpiece with union nut & gasket
	720-3C4ASY	1" Flare endpiece with union nut & gasket
	720-3F1	1/2" FNPT endpiece
	720-3F4ASY	1" FNPT endpiece with union nut & gasket
	720-3D3	3/4" Double Purpose endpiece Flare or FNPT
	720-3D3ASY	3/4" Double Purpose endpiece Flare or FNPT with union nut & gasket
	720-3D4ASY	1" Double Purpose endpiece Flare or FNPT with union nut & gasket
	720-3G3	3/4" "G" CTS Comp endpiece
	720-3G3ASY	3/4" "G" CTS Comp endpiece with union nut & gasket
	720-3H3ASY	3/4" "H" CTS Comp endpiece with union nut & gasket
	720-3J3	3/4" C903* Comp endpiece
	720-3M3	3/4" MNPT endpiece
	720-3M3ASY	3/4" MNPT endpiece with nut & gasket
	720-3M4	1" MNPT endpiece
	720-3M4ASY	1" MNPT endpiece with nut & gasket
	720-3S3	3/4" Solder endpiece
	720-3S3ASY	3/4" Solder endpiece with union nut & gasket
	720-3S4	1" Solder endpiece
	720-3S4ASY	1" Solder endpiece with union nut & gasket
	720-3Q3	3/4" "Q" CTS Comp endpiece
	720-3Q3ASY	3/4" "Q" CTS Comp endpiece with union nut & gasket
	720-3T3	3/4" "T" CTS Comp endpiece
	720-3T3ASY	3/4" "T" CTS Comp endpiece with union nut & gasket
	720-3T4ASY	1" "T" CTS Comp endpiece with union nut & gasket
		

	MODEL	DESCRIPTION
	720-3Z3ASY	3/4" "3Q" PEP Comp endpiece with union nut & gasket
	720-323	3/4" "-22" CTS Comp endpiece
	720-323ASY	3/4" "-22" CTS Comp endpiece with union nut & gasket
	720-324ASY	1" "-22" CTS Comp endpiece with union nut & gasket
	720-333ASY	3/4" "-33" PEP Comp endpiece with union nut & gasket
	720-343ASY	3/4" "-44" PVC Comp endpiece with union nut & gasket
	720-353ASY	3/4" "-55" IP Comp endpiece with union nut & gasket
	20-3N	3/4" Union nut only
	20G3	3/4" Double Purpose Gasket

1" Meters

	20-4N	1" Union nut only
	720-4D4	1" Double purpose endpiece flare or FNPT (also used on 5/8" x 3/4", 3/4" meter sets with 1" Double purpose connection)
	720-4D4ASY	1" Double purpose endpiece flare or FNPT (also used on 5/8" x 3/4", 3/4" meter sets with 1" Double purpose connection) with union nut & gasket
	720-4J4	1" C903 endpiece
	720-4J4ASY	1" C903 endpiece with union nut & gasket
	720-4M4	1" MNPT endpiece
	720-4M4ASY	1" MNPT endpiece with union nut & gasket
	720-4M5	1 1/4" MNPT endpiece
	720-4M5ASY	1 1/4" MNPT endpiece with union nut & gasket
	720-4Q4	1" "Q" CTS endpiece
	720-4Q4ASY	1" "Q" CTS endpiece with union nut & gasket
	720-4S4	1" Solder endpiece
	720-4S4ASY	1" Solder endpiece with union nut & gasket
	720-4T4	1" "T" CTS endpiece
	720-4T4ASY	1" "T" CTS endpiece with union nut & gasket
	20G4	1" Double purpose gaskets

OPTIONS
- Insert stiffeners are required on all flexible plastic connections.
- **Note:** Insetters normally supplied with end connections. The table above is for ordering replacement parts.

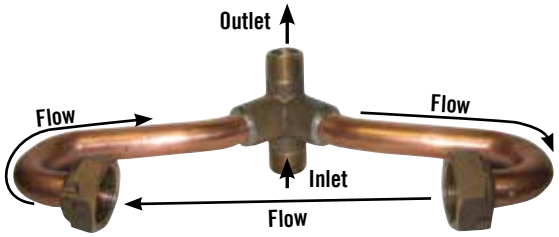
744 SERIES

5/8", 5/8" x 3/4", 3/4", or 1" | "PU" Style | Less Valves

MNPT Thread x MNPT Thread

The A.Y. McDonald 744 series "PU Style" meter inside setting offers integral Male Iron Pipe Thread inlet and outlet end connection configurations with additional options for shut off or check valves.

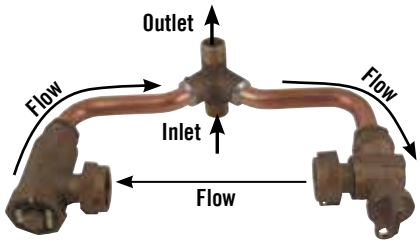
To order "PU" Style: Model No. **744-2** means:



744	-	2
Series	**Style**	**Meter Size**
744	– = Standard **Q** = PU style setter with K style tube in left hand configuration see page 361 **X** = PU style setter with K style tube in right hand configuration	**1** = 5/8" - 3/4" MNPT Integral **2** = 5/8" x 3/4" - 3/4" MNPT Integral **3** = 3/4" - 3/4" MNPT Integral **4** = 1" - 1" MNPT Integral

5/8" Meter Size	Carton PCS/WT	Price	5/8" x 3/4" Meter Size	Carton PCS/WT	Price	3/4" Meter Size	Carton PCS/WT	Price	1" Meter Size	Carton PCS/WT	Price
744-1	8/20	$77.76	744-2	8/24	$83.66	744-3	8/28	$101.76	744-4	4/18	$239.18

Meter Settings with Integral Valves



To order "PU" Style: Model No. **744-2--QF** above means:

744	-	2	--	QF
Series	**Style**	**Meter Size**	**Meter Height**	**Inlet and Outlet Valves** (INLET OUTLET)
744	– = Standard **Q** = PU style setter with K style tubes, see page 361. **X** = PU style setter with K style tube in right hand configuration	**1** = 5/8" **2** = 5/8" x 3/4" **3** = 3/4" **4** = 1"	-- = Standard	**A** = 3/4" & 1" Port Angle Single Check Valve **F** = 3/4" Port Angle Dual Check Valve (ASSE 1024) **G** = Angle Lockwing Plug Valve **K** = 3/4" & 1" Port Angle Lockwing Ball Valve **N** = Flanged Tubing with Meter Nut **P** = 1" Port Angle Dual Check Valve (ASSE 1024) For 1" only **Q** = Standard Port Angle Lockwing Ball Valve **Z** = Brass Elbow

OPTIONS

- Assemblies shipped with two meter gaskets.
- Inlet / Outlet Options: MNPT Thread x MNPT Thread.
- **Not all combinations available, contact factory with your requirements.**
- **MOST METER SETTERS ARE MADE TO ORDER AND ARE NOT RETURNABLE.**
- **Please verify with the factory that the model number you have configured is available and meets your requirements.**

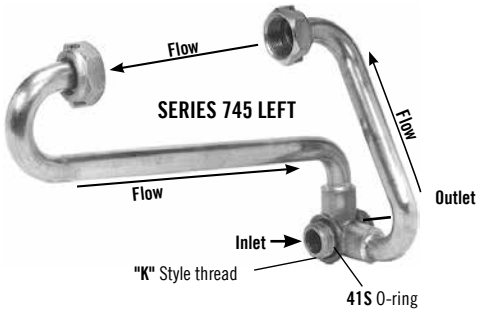
745 Series

5/8", 5/8" x 3/4", 3/4", or 1" | "PZ" Style - Left Offset | Less Valves

The A.Y. McDonald 745 series "PZ Style" meter inside setting offers left offset configuration for confined space installations along with additional options for shut off or check valves. Cut in style end connections are available to connect to varying service line materials. The special inlet and outlet thread and o-ring seal combination offers quick, leak free connections.

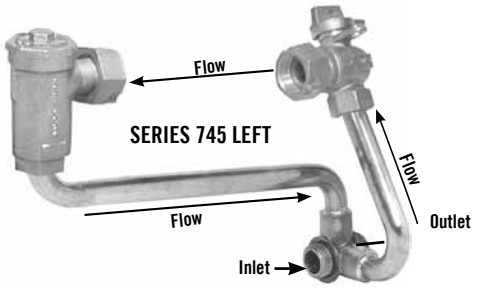
To order "PZ" Style: Model No. **745-2** above means:

745	-	2
Series	**Style**	**Meter Size**
745	– = Standard	**1** = 5/8" "K" Thread **2** = 5/8" x 3/4" "K" Thread **3** = 3/4" "K" Thread **4** = 1" (1 1/4" MNPT In/Out)



5/8" Meter Size	Carton PCS/WT	Price	5/8" x 3/4" Meter Size	Carton PCS/WT	Price	3/4" Meter Size	Carton PCS/WT	Price	1" Meter Size	Carton PCS/WT	Price
745-1	6/17	$96.41	745-2	6/18	$106.58	745-3	6/26	$115.22	745-4	6/38	$244.02

Meter Settings with Integral Valves



To order "PZ" Style: Model No. **745-2--QF** above means:

745	-	2	--	QF
Series	**Style**	**Meter Size**	**Meter Height**	**Inlet and Outlet Valves** (INLET OUTLET)
745	– = Standard	**1** = 5/8" "K" Thread **2** = 5/8" x 3/4" "K" Thread **3** = 3/4" "K" Thread **4** = 1" (1 1/4" MNPT In/Out)	-- = Standard	**A** = 3/4" & 1" Port Angle Single Check Valve **F** = 3/4" Port Angle Dual Check Valve (ASSE 1024) **G** = Angle Lockwing Plug Valve **K** = 3/4" & 1" Port Angle Lockwing Ball Valve **N** = Flanged Tubing with Meter Nut **P** = 1" Port Angle Dual Check Valve (ASSE 1024) For 1" only **Q** = Standard Port Angle Lockwing Ball Valve **Z** = Brass Elbow

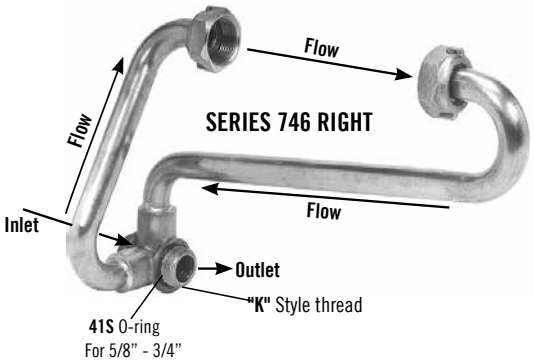
OPTIONS

- Assemblies shipped with two meter gaskets.
- Valves and Compression assemblies ordered separately, see page 384/386.
- Inline dual check backflow valves available for 5/8", 5/8" x 3/4" and 3/4" "PZ" style insetters, see page 384/386.
- **Not all combinations available, contact factory with your requirements.**
- **MOST METER SETTERS ARE MADE TO ORDER AND ARE NOT RETURNABLE.**
- **Please verify with the factory that the model number you have configured is available and meets your requirements.**

746 Series

5/8", 5/8" x 3/4", 3/4", or 1" | "PZ" Style - Right Offset | Less Valves

The A.Y. McDonald 746 series "PZ Style" meter inside setting offers right offset configuration for confined space installations along with additional options for shut off or check valves. Cut in style end connections are available to connect to varying service line materials. The special inlet and outlet thread and o-ring seal combination offers quick, leak free connections.

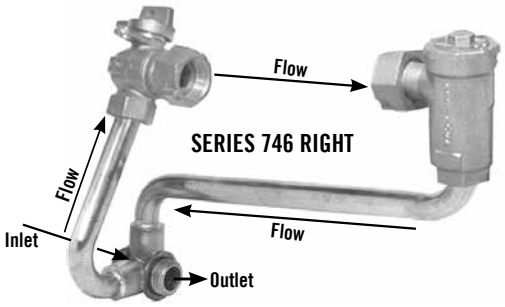


To order "PZ" Style: Model No. **746-2** above means:

746	-	2
Series	**Style**	**Meter Size**
746	– = Standard	**1** = 5/8" "K" Thread **2** = 5/8" x 3/4" "K" Thread **3** = 3/4" "K" Thread **4** = 1" (1 1/4" MNPT In/Out)

5/8" Meter Size	Carton PCS/WT	Price	5/8" x 3/4" Meter Size	Carton PCS/WT	Price	3/4" Meter Size	Carton PCS/WT	Price	1" Meter Size	Carton PCS/WT	Price
746-1	6/17	$96.41	746-2	6/18	$106.58	746-3	6/26	$115.22	746-4	6/38	$244.02

Meter Settings with Integral Valves



To order "PZ" Style: Model No. **746-2--QF** above means:

746	-	2	--	INLET OUTLET QF
Series	**Style**	**Meter Size**	**Meter Height**	**Inlet and Outlet Valves**
746	– = Standard	**1** = 5/8" "K" Thread **2** = 5/8" x 3/4" "K" Thread **3** = 3/4" "K" Thread **4** = 1" (1 1/4" MNPT In/Out)	-- = Standard	**A** = 3/4" & 1" Port Angle Single Check Valve **F** = 3/4" Port Angle Dual Check Valve (ASSE 1024) **G** = Angle Lockwing Plug Valve **K** = 3/4" & 1" Port Angle Lockwing Ball Valve **N** = Flanged Tubing with Meter Nut **P** = 1" Port Angle Dual Check Valve (ASSE 1024) For 1" only **Q** = Standard Port Angle Lockwing Ball Valve **Z** = Brass Elbow

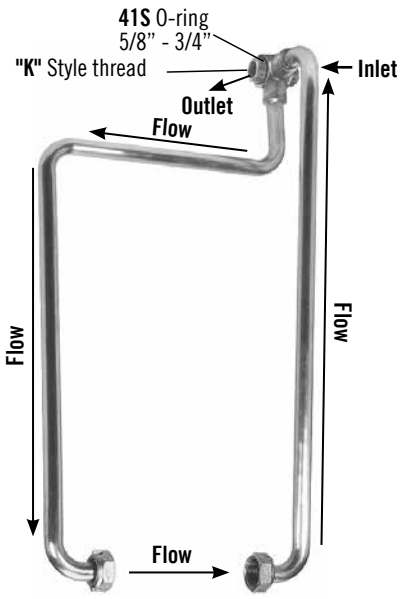
OPTIONS

- Assemblies shipped with two meter gaskets.
- Valves and Compression assemblies ordered separately, see page 384/386.
- Inline dual check backflow valves available for 5/8", 5/8" x 3/4" and 3/4" "PZ" style insetters, see page 384/386.
- **Not all combinations available, contact factory with your requirements.**
- **MOST METER SETTERS ARE MADE TO ORDER AND ARE NOT RETURNABLE.**
- **Please verify with the factory that the model number you have configured is available and meets your requirements.**

747 Series

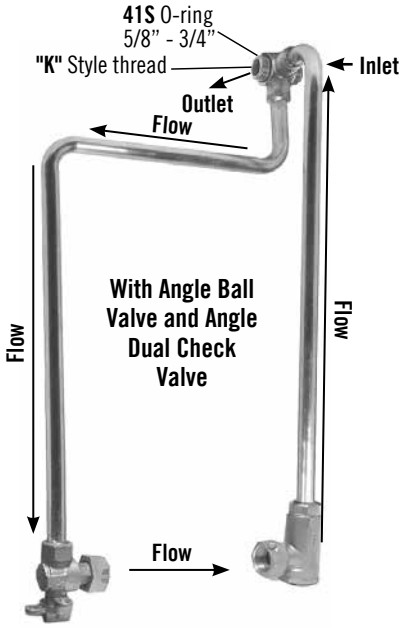
5/8", 5/8" x 3/4", 3/4", or 1" | "D" Style

The A.Y. McDonald 747 series "D Style" meter inside setting aligns meter with piping in water lines that are near the ceiling with additional options for adding shut off or check valves. Cut in style end connections are available to connect to varying service line materials. The special inlet and outlet thread and o-ring seal combination offers quick, leak free connections 5/8", 5/8" x 3/4" or 3/4" only.



SERIES 747

Model Number Example
747 – 224



SERIES 747

Model Number Example
747 – 224QF

To order "D" Style: Model No. **747-224QF** means:

747	-	2	24	QF
Series	**Style**	**Meter Size**	**Meter Drop**	**Inlet and Outlet Valves** (INLET OUTLET)
747	– = Standard	**1** = 5/8" "K" Thread **2** = 5/8" x 3/4" "K" Thread **3** = 3/4" "K" Thread **4** = 1" (1 1/4" MNPT In/Out)	18 21 24 27 30 33 36	**A** = 3/4" & 1" Port Angle Single Check Valve **F** = 3/4" Port Angle Dual Check Valve (ASSE 1024) **G** = Angle Lockwing Plug Valve **K** = 3/4" & 1" Port Angle Lockwing Ball Valve **N** = Flanged Tubing with Meter Nut **P** = 1" Port Angle Dual Check Valve (ASSE 1024) For 1" only **Q** = Standard Port Angle Lockwing Ball Valve **Z** = Brass Elbow

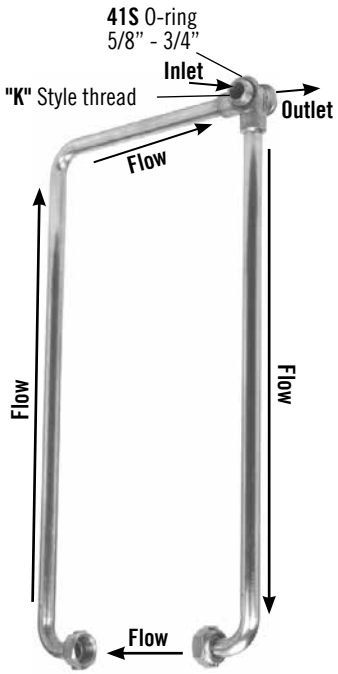
OPTIONS

- Assemblies shipped with two meter gaskets.
- Valves and Compression assemblies ordered separately, see page 384/386.
- For angle ball valves and/or angle dual check valves integral to the insetter, contact factory.
- Inline dual check backflow valves available for 5/8", 5/8" x 3/4" and 3/4" "D" style insetters, see page 384/386.
- **Not all combinations available, contact factory with your requirements.**
- **MOST METER SETTERS ARE MADE TO ORDER AND ARE NOT RETURNABLE.**
- **Please verify with the factory that the model number you have configured is available and meets your requirements.**

748 Series

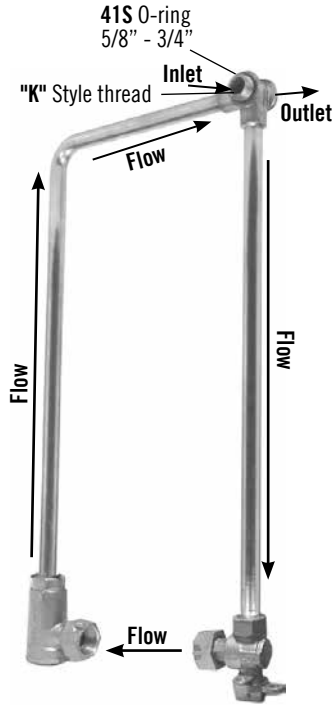
5/8", 5/8" x 3/4", 3/4", or 1" | "D" Style

The A.Y. McDonald 748 series "D Style" meter inside setting sets meter at a right angle to the piping in water lines that are near the ceiling with additional options for adding shut off or check valves. Cut in style end connections are available to connect to varying service line materials. The special inlet and outlet thread and o-ring seal combination offers quick, leak free connections 5/8", 5/8" x 3/4" or 3/4" only. .



SERIES 748"

Model Number Example
748 – 224



SERIES 748

Model Number Example
748 – 224QF

To order "D" Style: Model No. **748-224QF** means:

748	-	2	24	QF (INLET OUTLET)
Series	**Style**	**Meter Size**	**Meter Drop**	**Inlet and Outlet Valves**
748	– = Standard	**1** = 5/8" "K" Thread **2** = 5/8" x 3/4" "K" Thread **3** = 3/4" "K" Thread **4** = 1" (1 1/4" MNPT In/Out)	18 21 24 27 30 33 36	**A** = 3/4" & 1" Port Angle Single Check Valve **F** = 3/4" Port Angle Dual Check Valve (ASSE 1024) **G** = Angle Lockwing Plug Valve **K** = 3/4" & 1" Port Angle Lockwing Ball Valve **N** = Flanged Tubing with Meter Nut **P** = 1" Port Angle Dual Check Valve (ASSE 1024) For 1" only **Q** = Standard Port Angle Lockwing Ball Valve **Z** = Brass Elbow

OPTIONS

- Assemblies shipped with two meter gaskets.
- Valves and Compression assemblies ordered separately, see page 384/386.
- For angle ball valves and/or angle dual check valves integral to the insetter, contact factory.
- Inline dual check backflow valves available for 5/8", 5/8" x 3/4" and 3/4" "D" style insetters, see page 384/386.
- **Not all combinations available, contact factory with your requirements.**
- **MOST METER SETTERS ARE MADE TO ORDER AND ARE NOT RETURNABLE.**
- **Please verify with the factory that the model number you have configured is available and meets your requirements.**

747 & 748 Series

FOR 5/8”, 5/8” X 3/4”, 3/4”, OR 1” METERS (18” DROP)

“K” Thread x “K” Thread - 5/8”, 5/8” x 3/4”, 3/4” Meter, 1 1/4” MNPT x 1 1/4” MNPT - 1” Meter

5/8" Meter Size	Price
747-118NN	$139.00
748-118NN	$123.85

5/8" x 3/4" Meter Size	Price
747-218NN	$144.20
748-218NN	$129.02

3/4" Meter Size	Price
747-318NN	$148.55
748-318NN	$133.04

1" Meter Size	Price
747-418NN	$292.18
748-418NN	$269.63

- For valves see below and Compression assemblies see page 384/386
- For package quantities and weights, contact factory
- For each additional 3” drop (over 18”)
  add $ 7.68 list for 5/8” and 5/8” x 3/4”; 3/4”
  add $ 11.70 list for 1”

Options		5/8"	5/8" x 3/4"	3/4"	1"
Ball Valve (add or subtract)	Q for STP K for FP	$ 67.55 $ 123.36	$ 67.55 $ 123.36	$ 67.55 $ 123.36	$ 135.55 $ 185.83
Single poppet angle check valve		$56.46	$56.46	$56.46	$73.72
ASSE approved angle dual check valve	F for STP P for FP	$123.48	$123.48	$123.48	$117.10 $214.32
Cascading Dual Check *Use “D X992” in model number*		$112.68	$112.68	$112.68	$117.11
Plug Valves - Use "G" in model number		$55.59	$55.59	$55.59	$85.23

STP = Standard **FP** = Full Port

749 Series - Inline Tandem

5/8", 5/8" x 3/4" or 3/4" | "W" Style

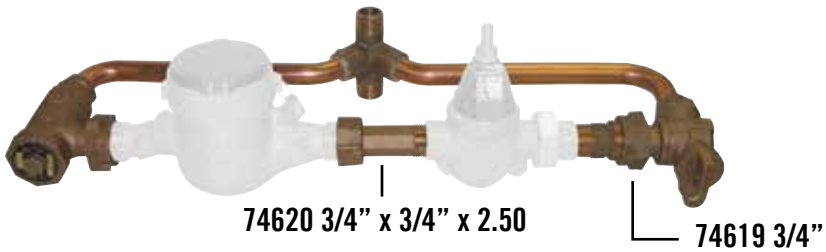
The A.Y. McDonald 749 series "W Style" meter inside tandem setting offers integral Male Iron Pipe Thread inlet and outlet end connections that accept a variety of female couplings or valves with additional options for shut off or check valves plumbed into the tubing to accept inline, a meter and a pressure regulating device. Please supply device length and end connection configuration when ordering.



Model Number Example
749 – 2 17 3/4

To order "W" Style: Model No. **749-2 17 3/4** means:

749	-	2		17 3/4
Series	**Style**	**Meter Size**	**Space**	**Spread Between Flanges**
749 "W" Style	-- = Standard **D** = 7/8" tube (Not available for 5/8" meters with flange)	**1** = 5/8" - 3/4" MNPT Inlet/Outlet **2** = 5/8" x 3/4" - 3/4" MNPT Inlet/Outlet **3** = 3/4" - 3/4" MNPT Inlet/Outlet	-- = with integral valves	



Model Number Example
749 – 2 --QF x17 3/4

To order "W" Style: Model No. **749-2--QF x17 3/4** means:

749	-	2	--	QF		x17 3/4
				INLET OUTLET		
Series	**Style**	**Meter Size**	**Space**	**Inlet and Outlet Valves**	**Blank Space**	**Spread Between Flanges**
749 "W" Style	-- = Standard **D** = 7/8" tube (Not available for 5/8" meters with flange)	**1** = 5/8" - 3/4" MNPT Inlet/Outlet **2** = 5/8" x 3/4" - 3/4" MNPT Inlet/Outlet **3** = 3/4" - 3/4" MNPT Inlet/Outlet	-- = with integral valves	**A** = 3/4" Port Angle Single Check Valve **F** = 3/4" Port Angle Dual Check Valve (ASSE 1024) **G** = Angle Lockwing Plug Valve **K** = 3/4" & Port Angle Lockwing Ball Valve **N** = Flanged Tubing with Meter Nut **Q** = Standard Port Angle Lockwing Ball Valve **Z** = Brass Elbow		

OPTIONS

- Assemblies shipped with three meter gaskets.
- Insert stiffeners are required on all flexible plastic connections.
- For setting meter and FNPT x FNPT device.
- Includes 74619 and 74620 adapters.
- Other spreads available, contact factory.
- **Not all combinations available, contact factory with your requirements.**
- **MOST METER SETTERS ARE MADE TO ORDER AND ARE NOT RETURNABLE.**
- **Please verify with the factory that the model number you have configured is available and meets your requirements.**

Model	Meter Size	Spread	Device Length
749-1	5/8"	17 3/4"	6¼"
749-2	5/8" x 3/4"	17 3/4"	6¼"
749-3	3/4"	19 1/4"	6¼"

749 Series

FOR 5/8”, 5/8” X 3/4”, 3/4”, OR 1” METERS

“M” Style MNPT

5/8" Meter Size	Length	Carton PCS/WT	Price
749-1	Contact Factory	6/24	$198.66

5/8" x 3/4" Meter Size	Length	Carton PCS/WT	Price
749-2	14 7/8”	2/8	$198.66
749-2	17”	6/22	$198.66
749-2	17 3/8”	6/23	$198.66
749-2	17 3/4”	6/23	$198.66
749-2	19 5/8”	6/23	$198.66

3/4" Meter Size	Length	Carton PCS/WT	Price
749-3	Contact Factory	6/19	$205.42

Options		5/8"	5/8" x 3/4"	3/4"
Ball Valve (add or subtract)	Q for STP K for FP	$ 67.55 $ 123.36	$ 67.55 $ 123.36	$ 67.55 $ 123.36
Single poppet angle check valve		$56.46	$56.46	$56.46
ASSE approved angle dual check valve	F for STP	$123.48	$123.48	$123.48
Cascading Dual Check *Use “D X992” in model number*		$112.68	$112.68	$112.68
Plug Valves - Use "G" in model number		$55.59	$55.59	$55.59

STP = Standard **FP** = Full Port



















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McDonald

Pit Setters

Water Works Catalog / Price List - April 2019

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Pit Setters

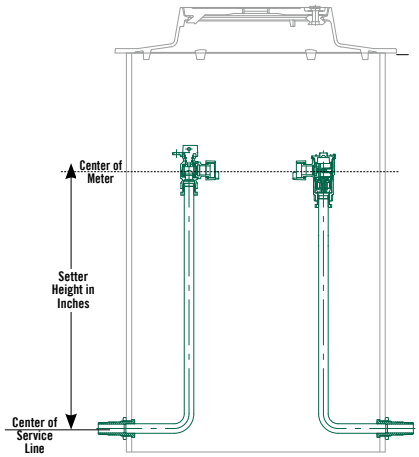
715 & 716 Series - Single, Dual & Tandem

Risers Only for 5/8" to 1" Meters

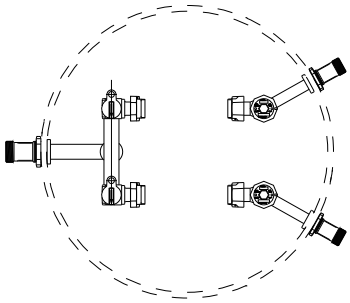
The A.Y. McDonald 715 series meter setter is designed for installation into your pit shell. Using your specific design criteria, the 715 series will provide the internal meter setting with valves, risers, and connections you call for. Pit diameter, wall thickness, and service line bury should be carefully considered when ordering the 715 series meter setter. Typical meter depth from the surface, or grade level, is 14", however you are in control when you apply this setter.

The frame and cover selection for this setting will also affect the overall height of the 715 series. As these castings will alter the distance from grade level to centerline of installed meter, and top of meter pit. For assistance in designing your 715 series meter pit, we recommend you **review the 780 series** complete meter pit assemblies or contact our customer service department.

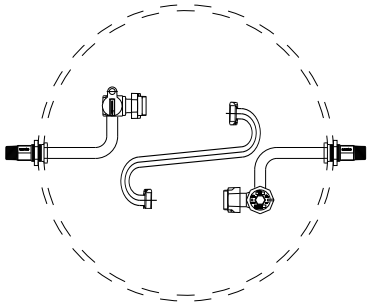
Typical 715 Series Installation



Brass and Copper Parts ONLY - PVC Pit, brace, frame & cover are not included.



715 Series - Dual



716 Series - Tandem

NOTES - All cast brass meets latest revision of AWWA C800.

Example: Model 715-236WCPP 33X18

715	-	2	36	W	C	P	P		3	3	X	18
				INLET	OUTLET	INLET	OUTLET	SPACE	INLET	OUTLET		

Series Number
715 = Single Meter Pit (standard)/Dual
716 = Tandem

Dash
Standard

Meter Size
1 = 5/8"
2 = 5/8" x 3/4"
3 = 3/4"
4 = 1"

Height
6" minimum
Available in
3" increments

Meter Connections

Series 715 Meter Inlet
W = Lockwing ball valve
L = Plug valve
X = No valve-meter nut

Meter Outlet
C = Angle Single check valve
D = Angle Dual check valve
L = Plug valve
W = Lockwing ball valve
X = No valve-meter nut

Service Line Connection

Bottom Inlet and Outlet Configuration
P = Male iron pipe
2 = -22 CTS
T = T CTS
Other options available, contact factory.

Size of Service Line Connection

Inlet and Outlet Connection
3 = 3/4"
4 = 1"

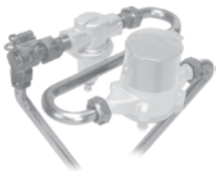
Pit Diameter
18 = 5/8" or 5/8" x 3/4"
21 = 3/4" or 1"
24 = **As Required**

For the following pit configurations/diameters, Contact Factory:
5/8" Tandem/Dual
5/8" x 3/4" Tandem/Dual
3/4" Tandem/Dual
1" Tandem/Dual

Series 716 - Tandem
A = Angle Single Check Valve
F = Angle Dual Check Valve (ASSE 1024)
N = No Valve - Meter Nut
Q = Lockwing Ball Valve

NOTE: Unless specified all tandem components have meter nuts without saddles.

For Tandem Series



Example 716-236QAPP 33 X 21
Tandem setters are supplied with adapters and "S" tube. Please specify device length and threads when ordering.

Standard Tandem Device Lay Lengths (FNPT x FNPT) -
4" - 5" - 5/8" & 5/8" x 3/4" 3/4" Meters
5" - 6" - 1" Meters

715 & 716 Series - Single, Dual & Tandem

Risers Only for 5/8" to 1" Meters

Standard Meter Lay Lengths -

7.5" - 5/8" Meters
7.5" - 5/8" x 3/4" Meters
9" - 3/4" Meters
10.75" - 1" Meters

Standard Tandem Device Lay Lengths (FNPT x FNPT) -

4" - 5" - 5/8" & 5/8" x 3/4", 3/4" Meters
5" - 6" - 1" Meters

715	-	3	15	W	X	P	P		3	3	X	21
Series #		Meter Size	Bury Depth	Inlet	Outlet	Service Inlet Type	Service Outlet Type	Space	Service Inlet Size	Service Outlet Size		Pit Diameter

Step #1 - Choose your base pit setter

715 Series

Single Meter Pit Brass

Base Model #	Meter Size	Inlet	Outlet	Service Inlet & Outlet	Pit Diameter	Base Price
715-115WXPP 33X18	5/8"	Standard Port Ball Valve	Meter Nut	3/4" MNPT	18"	$330.30
715-115WXPP 33X20	5/8"	Standard Port Ball Valve	Meter Nut	3/4" MNPT	20"	$336.98
715-115WXPP 33X21	5/8"	Standard Port Ball Valve	Meter Nut	3/4" MNPT	21"	$336.98
715-215WXPP 33X18	5/8" x 3/4"	Standard Port Ball Valve	Meter Nut	3/4" MNPT	18"	$330.30
715-215WXPP 33X20	5/8" x 3/4"	Standard Port Ball Valve	Meter Nut	3/4" MNPT	20"	$336.98
715-215WXPP 33X21	5/8" x 3/4"	Standard Port Ball Valve	Meter Nut	3/4" MNPT	21"	$336.98
715-315WXPP 33X20	3/4"	Standard Port Ball Valve	Meter Nut	3/4" MNPT	20"	$346.59
715-315WXPP 33X21	3/4"	Standard Port Ball Valve	Meter Nut	3/4" MNPT	21"	$346.59
715-415WXPP 44X20	1"	Standard Port Ball Valve	Meter Nut	1" MNPT	20"	$530.13
715-415WXPP 44X21	1"	Standard Port Ball Valve	Meter Nut	1" MNPT	21"	$530.13

716 Series

Tandem Meter Pit Brass

Base Model #	Meter Size	Inlet	Outlet	Service Inlet & Outlet	Pit Diameter	Base Price
716-115QNPP 33X18	5/8"	Standard Port Ball Valve	Meter Nut	3/4" MNPT	18"	$433.78
716-115QNPP 33X20	5/8"	Standard Port Ball Valve	Meter Nut	3/4" MNPT	20"	$440.45
716-115QNPP 33X21	5/8"	Standard Port Ball Valve	Meter Nut	3/4" MNPT	21"	$440.45
716-215QNPP 33X18	5/8" x 3/4"	Standard Port Ball Valve	Meter Nut	3/4" MNPT	18"	$433.78
716-215QNPP 33X20	5/8" x 3/4"	Standard Port Ball Valve	Meter Nut	3/4" MNPT	20"	$440.45
716-215QNPP 33X21	5/8" x 3/4"	Standard Port Ball Valve	Meter Nut	3/4" MNPT	21"	$440.45
716-315QNPP 33X20	3/4"	Standard Port Ball Valve	Meter Nut	3/4" MNPT	20"	$450.06
716-315QNPP 33X21	3/4"	Standard Port Ball Valve	Meter Nut	3/4" MNPT	21"	$450.06
716-415QNPP 44X20	1"	Standard Port Ball Valve	Meter Nut	1" MNPT	20"	$656.96
716-415QNPP 44X21	1"	Standard Port Ball Valve	Meter Nut	1" MNPT	21"	$656.96

715 Series

Dual Meter Pit Brass - ***Contact the factory for Model # & Pricing***

715 & 716 Series - Single, Dual & Tandem

Risers Only for 5/8" to 1" Meters

Step #2 - Choose Your Bury Depth

Note: Contact the Factory for additional depth & diameter configurations

List Price Adders:

Height	Model # Slot 4	5/8" Meter	5/8" x 3/4" Meter	3/4" Meter	1" Meter
18"	18	$7.06	$7.06	$7.06	$8.77
21"	21	$14.13	$14.13	$14.13	$17.53
24"	24	$21.19	$21.19	$21.19	$26.31
27"	27	$28.25	$28.25	$28.25	$35.07
30"	30	$35.33	$35.33	$35.33	$43.84
33"	33	$42.39	$42.39	$42.39	$52.61
36"	36	$49.46	$49.46	$49.46	$61.38
39"	39	$56.52	$56.52	$56.52	$70.15
42"	42	$63.58	$63.58	$63.58	$78.91
45"	45	$70.65	$70.65	$70.65	$87.68
48"	48	$77.71	$77.71	$77.71	$96.46
51"	51	$84.77	$84.77	$84.77	$105.22
54"	54	$91.84	$91.84	$91.84	$113.99
57"	57	$98.91	$98.91	$98.91	$122.75
60"	60	$105.98	$105.98	$105.98	$131.53

Step #3 - Choose Your Meter Valves

Note: add for each Valve added to Pit Setter AND subtract the ball valve if removed from Pit Setter

List Price Adders:

Options - add or subtract from base setter model	Model # Slot 5	14	1 5/8"	2 5/8" x 3/4"	3 3/4"	4 1"
Standard Ball Valve	W		$67.55	$67.55	$67.55	$135.55
Full Port Ball Valve	J		$123.36	$123.36	$123.36	$185.83
Plug Valve	L		$55.59	$55.59	$55.59	$85.23
Single Check Valve	C		$61.33	$61.33	$61.33	$73.72
Dual Check - ASSE	D		$123.48	$123.48	$123.48	$117.10
Dual Check - ASSE - Full Port	M		N/A	N/A	N/A	$214.32
Dual Check - Cascading (* adds x992 to end of model)	D*	X992	$112.68	$112.68	$112.68	$117.11
Meter Swivel Nut	X		N/C	N/C	N/C	N/C
Additional height in 3" increments			$7.55	$7.55	$10.42	$12.10

Step #4 - Choose Your Service Inlet & Outlet Connections

Note: A 74754 Female Adapter can be used to convert to other types of pipe on page 195

Price below is per side

List Price Adders:

Service Inlet & Outlet	Model # Slot 7 & 8	10 & 11	5/8" & 5/8" x 3/4" Meter	3/4" Meter	1" Meter
3/4" Male Iron Pipe	PP	33	$ 0.00	$ 0.00	N/A
1" Male Iron Pipe	PP	44	Contact Factory	Contact Factory	$ 0.00

Step #5 - Add for Specials

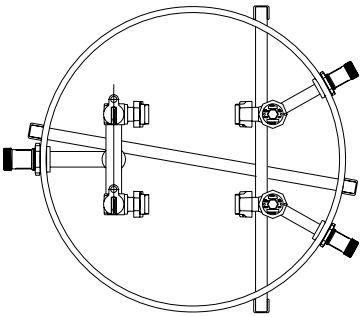
Contact the factory

780 Series - Riser Style Pit Assembly

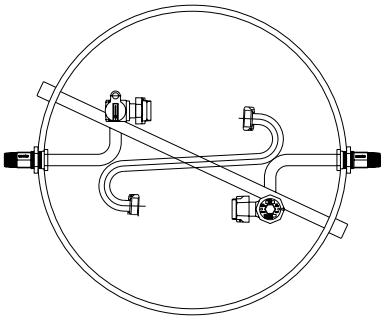
FOR 5/8" TO 1" METERS

A.Y. McDonald Mfg. Co. offers a quick and easy way to install your water meter. The series 780 for threaded meters is delivered completely assembled, is fully tested prior to leaving the factory, built to your specifications, and is set into service as a unit. This unit can be installed in minutes.

The 780 series assembly includes a smooth wall PVC shell, risers, and meter valves. Various service line connection styles are available or sold separately. Also taken into consideration when sizing the series 780 pit assembly is the service line depth and the wide range of covers available and sold separately.

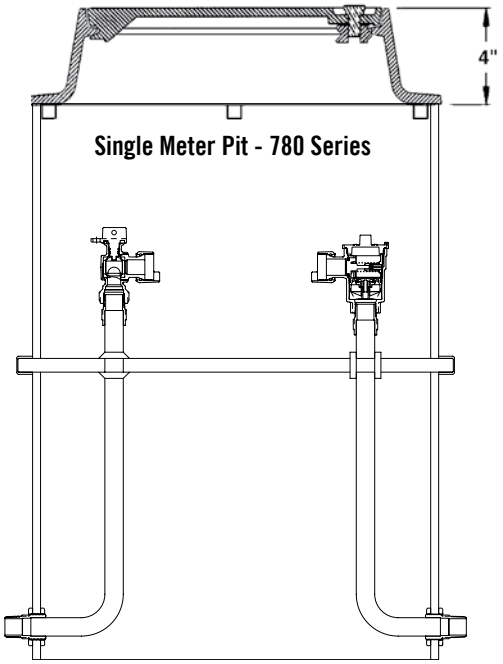


Dual Meter Pit 781 Series



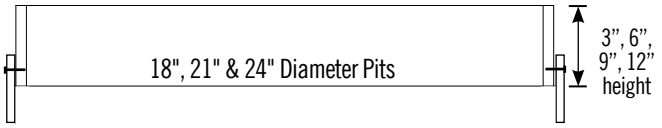
Tandem Meter Pit 782 Series

See Frame & Cover Section for optional frames and covers sold separately.



Single Meter Pit - 780 Series

80-EXT - Pit Extensions



80-EXT - Sizes

Size	Price	Size	Price	Size	Price
18" x 03"	$55.12	21" x 03"	$59.71	24" x 03"	$67.36
18" x 06"	$70.42	21" x 06"	$82.67	24" x 06"	$96.46
18" x 09"	$85.73	21" x 09"	$105.64	24" x 09"	$125.53
18" x 12"	$101.04	21" x 12"	$128.58	24" x 12"	$154.62
		21" x 15"	$151.54		
		21" x 18"	$174.50		

80-C2 - Two Piece Insulation Cushion

Sizes	Price
18" x 2.00	$93.11
20" x 2.00	$97.12
21" x 2.00	$97.12
24" x 2.00	$116.81
36" x 2.00	$263.50



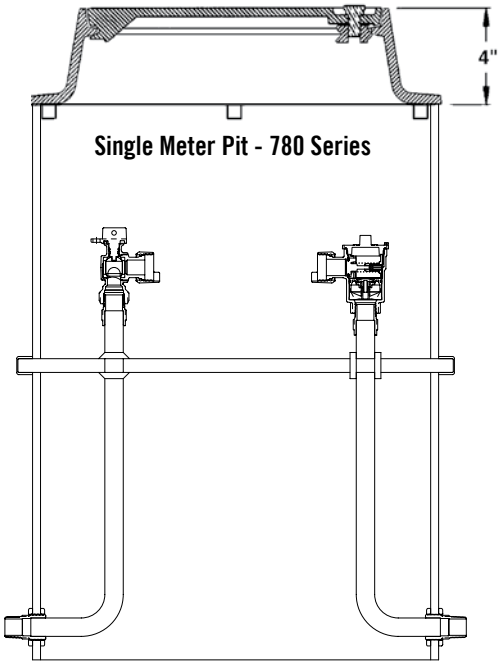
NOTES

- The centerline of the service line connections are positioned 2" above the bottom of the pit.
- The centerline of the meter will be 14" below grade level.
- A PVC support cross tube is tied to the copper tube risers and permanently attached to the pit walls.
- Cast brass jam nuts installed to secure riser tubes to exterior of the PVC frame.
- Recommend minimum 2" clearance between the pit wall and any part of the setting to prevent frost jump.
- Cast iron frame, and cover, inner lid, or insulating options are provided independently of pit setter.
- All cast brass meets latest revision of AWWA C800.
- All pipe, valves, and fittings associated with the PVC pit setter shall be factory assembled and tested.
- Use 782 series for installation with secondary device such as pressure regulators or other service line connections.

780 Series - Riser Style Pit Assembly

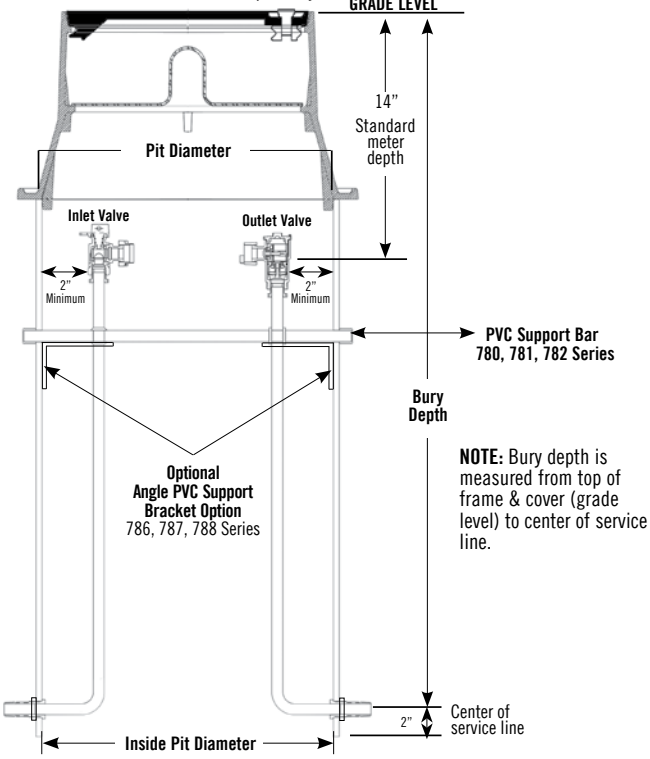
780- Model shown
Standard (single lid) 4" deep

See Frame & Cover Section for optional frames and covers sold separately.



780 "W" Model shown
Double lid 9 1/2"

See Frame & Cover Section for optional frames and covers sold separately.



NOTE: Bury depth is measured from top of frame & cover (grade level) to center of service line.

Following is a general guide to the A.Y. McDonald Mfg. Co. Riser Style Pit Setter model numbering system.

Example: Model 780W236WDPP 33X18

780	W	2	36	W	D	P	P		3	3	X	18
				INLET	OUTLET	INLET	OUTLET	SPACE	INLET	OUTLET		

Series Number

780 = Single Meter Pit
781 = Dual Meter Pit
782 = Tandem Meter Pit

786 = Single Meter Pit w/Angle PVC Support Brackets
787 = Dual Meter Pit w/Angle PVC Support Brackets
788 = Tandem Meter Pit w/ Angle PVC Support Brackets

Dash

- = Standard (single lid) 4" deep
W = Double lid 9 1/2"

Meter Size

1 = 5/8"
2 = 5/8" x 3/4"
3 = 3/4"
4 = 1"

Bury Depth

24" minimum
Available in 6" increments

Meter Connections

Series 780 Meter Inlet
W = Lockwing ball valve
L = Plug valve
X = No valve-meter nut

Meter Outlet
C = Angle Single check valve
D = Angle Dual check valve
L = Plug valve
W = Lockwing ball valve
X = No valve-meter nut

Service Line Connection

Bottom Inlet and Outlet Configuration
P = Male iron pipe
2 = -22 CTS
T = T CTS
Other options available, contact factory.

Size of Service Line Connection

Inlet and Outlet Connection
3 = 3/4"
4 = 1"

Pit Diameter

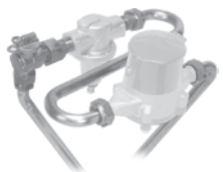
18 = 5/8" or 5/8" x 3/4"
21 = 3/4" or 1"
24 = **As Required**

For the following pit configurations/diameters, Contact Factory:
5/8" Tandem/Dual
5/8" x 3/4" Tandem/Dual
3/4" Tandem/Dual
1" Tandem/Dual

Series 782 - Tandem
A = Angle Single Check Valve
F = Angle Dual Check Valve (ASSE 1024)
N = No Valve - Meter Nut
Q = Lockwing Ball Valve

NOTE: Unless specified all tandem components have meter nuts without saddles.

For Tandem Series



Example 782-236QFPP 33 X 21
Tandem setters are supplied with adapters "S" tube required.
Please specify device length and threads when ordering.

- Standard device for 5/8", 5/8" x 3/4", 3/4" = 4"- 5" Long FNPT x FNPT
- Standard device for 1" = 5"- 6" Long FNPT x FNPT

780 Series - Riser Style Pit Assembly

5/8", 5/8" X 3/4", 3/4", & 1" METERS

Standard Meter Lay Lengths -

7.5" - 5/8" Meters
7.5" - 5/8" x 3/4" Meters
9" - 3/4" Meters
10.75" - 1" Meters

782 Series

Standard Tandem Device Lay Lengths (FNPT x FNPT) -

4" - 5" - 5/8" & 5/8" x 3/4", 3/4" Meters
5" - 6" - 1" Meters

780	-	3	36	W	X	P	P		3	3	X	21	
Series #	Frame Type	Meter Size	Bury Depth	Inlet	Outlet	Service Inlet Type	Service Outlet Type	Space	Service Inlet Size	Service Outlet Size		Pit Diameter	Specials

Step #1 - Choose your base pit setter

780 Series
Single Meter Pit Setter

Base Model #	Meter Size	Inlet	Outlet	Service Inlet & Outlet	Pit Diameter	Base Price
780-136WXPP 33X18	5/8"	Standard Port Ball Valve	Meter Nut	3/4" MNPT	18"	$595.69
780-136WXPP 33X21	5/8"	Standard Port Ball Valve	Meter Nut	3/4" MNPT	21"	$631.43
780-136WXPP 33X24	5/8"	Standard Port Ball Valve	Meter Nut	3/4" MNPT	24"	$700.53
780-236WXPP 33X18	5/8" x 3/4"	Standard Port Ball Valve	Meter Nut	3/4" MNPT	18"	$595.69
780-236WXPP 33X21	5/8" x 3/4"	Standard Port Ball Valve	Meter Nut	3/4" MNPT	21"	$631.43
780-236WXPP 33X24	5/8" x 3/4"	Standard Port Ball Valve	Meter Nut	3/4" MNPT	24"	$700.53
780-336WXPP 33X21	3/4"	Standard Port Ball Valve	Meter Nut	3/4" MNPT	21"	$640.96
780-336WXPP 33X24	3/4"	Standard Port Ball Valve	Meter Nut	3/4" MNPT	24"	$710.06
780-436WXPP 44X21	1"	Standard Port Ball Valve	Meter Nut	1" MNPT	21"	$512.02
780-436WXPP 44X24	1"	Standard Port Ball Valve	Meter Nut	1" MNPT	24"	$909.02

780 Series
Single Meter Pit Setter

Base Model #	Meter Size	Inlet	Outlet	Service Inlet & Outlet	Pit Diameter	Base Price
780D236JXPP 33X18*	5/8" x 3/4"	Full Port Ball Valve	Meter Nut	3/4" MNPT	18"	$661.21
780D236JXPP 33X21*	5/8" x 3/4"	Full Port Ball Valve	Meter Nut	3/4" MNPT	21"	$696.95
780D236JXPP 33X24*	5/8" x 3/4"	Full Port Ball Valve	Meter Nut	3/4" MNPT	24"	$766.05
780D336JXPP 33X21*	3/4"	Full Port Ball Valve	Meter Nut	3/4" MNPT	21"	$696.95
780D336JXPP 33X24*	3/4"	Full Port Ball Valve	Meter Nut	3/4" MNPT	24"	$766.05
780-436JXPP 44X21	1"	Full Port Ball Valve	Meter Nut	1" MNPT	21"	$849.95
780-436JXPP 44X24	1"	Full Port Ball Valve	Meter Nut	1" MNPT	24"	$959.05

*7/8" Copper Tube

781 Series
Dual Meter Pit Setter

Base Model #	Meter Size	Inlet	Outlet	Service Inlet & Outlet	Pit Diameter	Base Price
781-136WXPP 43X21	5/8"	Standard Port Ball Valve	Meter Nut	3/4" MNPT	21"	$1,304.55
781-136WXPP 43X24	5/8"	Standard Port Ball Valve	Meter Nut	3/4" MNPT	24"	$1,373.65
781-236WXPP 43X21	5/8" x 3/4"	Standard Port Ball Valve	Meter Nut	3/4" MNPT	21"	$1,304.55
781-236WXPP 43X24	5/8" x 3/4"	Standard Port Ball Valve	Meter Nut	3/4" MNPT	24"	$1,373.65
781-336WXPP 43X24	3/4"	Standard Port Ball Valve	Meter Nut	3/4" MNPT	24"	$1,383.18

782 Series
Tandem Meter Pit Setter - *Note: A PRV length and connection type are required*

Base Model #	Meter Size	Inlet	Outlet	Service Inlet & Outlet	Pit Diameter	Base Price
782-136QNPP 33X21	5/8"	Standard Port Ball Valve	Meter Nut	3/4" MNPT	21"	$742.22
782-136QNPP 33X24	5/8"	Standard Port Ball Valve	Meter Nut	3/4" MNPT	24"	$811.32
782-236QNPP 33X21	5/8" x 3/4"	Standard Port Ball Valve	Meter Nut	3/4" MNPT	21"	$742.22
782-236QNPP 33X24	5/8" x 3/4"	Standard Port Ball Valve	Meter Nut	3/4" MNPT	24"	$811.32
782-336QNPP 33X24	3/4"	Standard Port Ball Valve	Meter Nut	3/4" MNPT	24"	$822.05
782-436QNPP 44X24	1"	Standard Port Ball Valve	Meter Nut	1" MNPT	24"	$1,236.64

780 Series - Riser Style Pit Assembly

5/8", 5/8" X 3/4", 3/4", & 1" METERS

Step #2 - Choose Your Lid Type

Note: Frame & Cover sold separately

List Price Adders:

Description	Model # Slot 2	18" Pit Diameter	21" Pit Diameter	24" Pit Diameter
Standard Frame	-	$0.00	$0.00	$0.00
W-Style Frame & Cover	W	-$50.04	-$50.04	-$50.04

Step #3 - Choose Your Bury Depth

Note: Contact the Factory for additional depth & diameter configurations

List Price Adders:

Height	Model # Slot 4	18" Pit Diameter 5/8", 5/8" x 3/4", & 3/4" Meter	21" Pit Diameter 5/8", 5/8" x 3/4", & 3/4" Meter	21" Pit Diameter 1" Meter	24" Pit Diameter 5/8", 5/8" x 3/4", & 3/4" Meter	24" Pit Diameter 1" Meter
36"	36"	$ 0.00	$ 0.00	$ 0.00	$ 0.00	$ 0.00
42"	42	$53.61	$60.76	$82.20	$71.48	$94.12
48"	48	$107.22	$121.52	$164.41	$142.96	$188.24
54"	54	$160.83	$182.28	$246.61	$214.45	$282.35
60"	60	$214.45	$243.04	$328.82	$285.93	$376.47
66"	66	$268.06	$303.80	$411.02	$357.41	$470.59
72"	72	$321.67	$364.56	$493.23	$428.89	$564.71
78"	78	$375.28	$425.32	$575.43	$500.38	$658.83
84"	84	$428.89	$486.08	$657.64	$571.86	$752.95
90"	90	$482.50	$546.84	$739.84	$643.34	$847.06
96"	96	$536.12	$607.60	$822.05	$714.82	$941.18

Step #4 - Choose Your Meter Valves

Note: add for each Valve added to Pit Setter AND subtract the ball valve if removed from Pit Setter

Single Set List Price Adders:

Meter Inlet & Outlet	Model # Slot 5 & 6	14	5/8" & 5/8" x 3/4" Meter	3/4" Meter	1" Meter
Meter Nut	X		$ 0.00	$ 0.00	$ 0.00
Brass Elbow	Z		$25.02	$29.78	$44.08
Lockwing Plug Valve	L		$52.42	$50.04	$45.27
Lockwing Ball Valve	W		$63.14	$60.76	$91.74
Lockwing Full Port Ball Valve	J		$119.14	$116.75	$141.77
Single Check	C		$57.19	$57.19	$34.55
Cascading Dual Check	D	X992	$106.03	$106.03	$82.20
Dual Check	D		$115.56	$115.56	$166.79
1" Port Angle Dual Check	M		N/A	N/A	$216.83

Step #5 - Choose Your Service Inlet & Outlet Connections

Note: A 74754 Female Adapter can be used to convert to other types of pipe on page 195

Price below is per side

List Price Adders:

Service Inlet & Outlet	Model # Slot 7 & 8	10 & 11	5/8" & 5/8" x 3/4" Meter	3/4" Meter	1" Meter
3/4" Male Iron Pipe Integral	PP	33	$0.00	$0.00	N/A
1" Male Iron Pipe Integral	PP	44	Contact Factory	Contact Factory	$0.00
3/4" Copper Flare w/74754	CC	33	$11.91	$11.91	N/A
3/4" -22 CTS Compression Integral	22	33	$13.11	$13.11	N/A
1" -22 CTS Compression Integral	22	44	Contact Factory	Contact Factory	$39.32
3/4" T CTS Compression Integral	TT	33	$13.11	$13.11	N/A
1" T CTS Compression Integral	TT	44	Contact Factory	Contact Factory	$39.32

Step #6 - Add for Specials

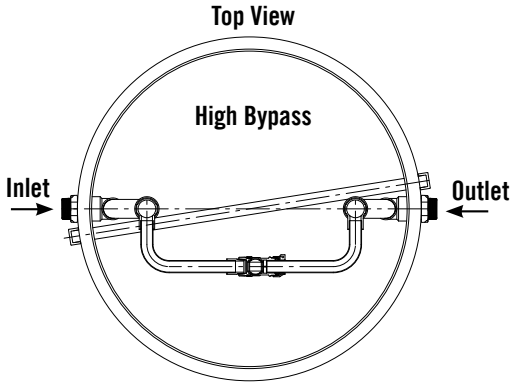
Contact the factory

780 Series - Riser Style Pit Assembly

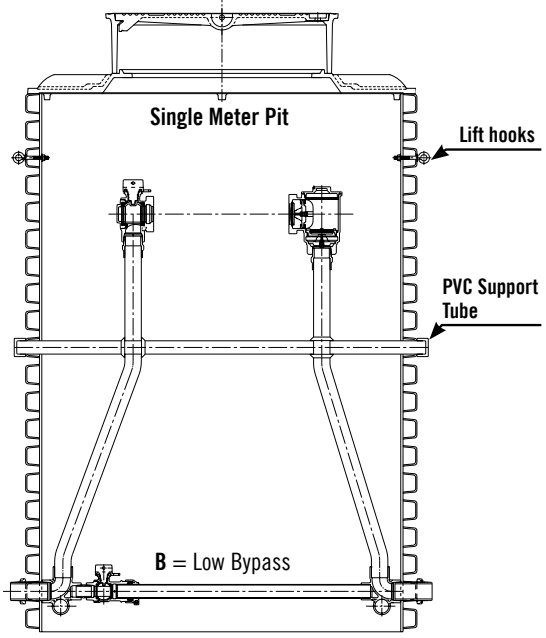
FOR 1 1/2" & 2" FLANGED METERS

A.Y. McDonald Mfg. Co. offers a quick and easy way to install your water meter. The series 780 for flanged meters is delivered completely assembled, is fully tested prior to leaving the factory, built to your specifications, and is set into service as a unit. This unit can be lifted into place with pre-installed lift hooks, and installed in minutes.

The 780 series assembly includes a corrugated PVC shell, risers, and flanged valves. Standard MNPT connections can be adapted to nearly any service line. Adapter ring and cover are sold separately.



See Frame & Cover Section for optional frames and covers sold separately.



- High bypass option is offset to right side of meter and includes shut-off valve
- Dual check option available in bypass

80-BLK - Insulation Blanket

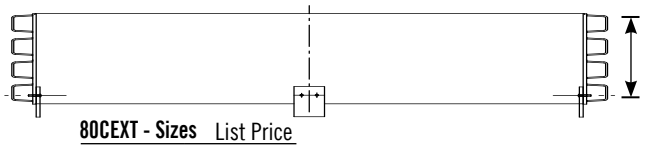
	List Price
48" x 48"	$27.88



782 Series - Tandem



80CEXT - Pit Extensions



80CEXT - Sizes	List Price
36" x 10"	$262.10
36" x 13"	$313.98

80-C2 - Two Piece Insulation Cushion

Sizes	Price
18" x 2.00	$93.11
20" x 2.00	$97.12
21" x 2.00	$97.12
24" x 2.00	$116.81
36" x 2.00	$263.50



90-C1 - One Piece Insulation Cushion

Insulating cushion sold separately 2"

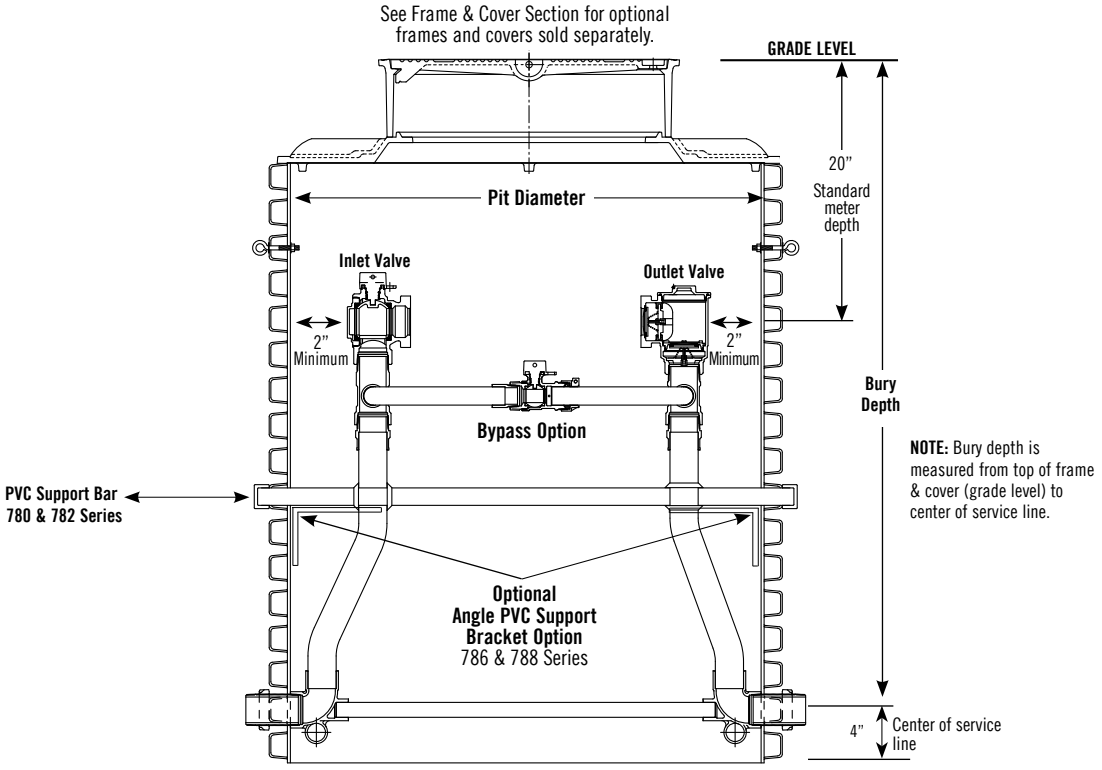
	List Price
36" x 2"	$212.17



NOTES

- The centerline of the service line connections are positioned 4" above the bottom of the pit.
- The centerline of the meter will be 20" below grade level.
- A PVC support cross tube is tied to the copper tube risers and permanently attached to the pit walls.
- Cast brass jam nuts installed to secure riser tubes to exterior of the PVC frame.
- Corrugated PVC provided on 1 1/2" and 2" meter settings.
- Recommend minimum 2" clearance between the pit wall and any part of the setting to prevent frost jump.
- Cast iron frame, and cover, inner lids or insulating options are provided independently of pit setter.
- All cast brass meets latest revision of AWWA C800.
- Risers, valves, and fittings associated with the PVC pit setter shall be at factory, assembled and tested.

780 Series - Riser Style Pit Assembly



Following is a general guide to the A.Y. McDonald Mfg. Co. Riser Style Pit Setter model numbering system.

Example: Model 780R736WDPP 775X36

780	R	7	36	W	D	P	P		7	7	5	X	36	X	
				INLET	OUTLET	INLET	OUTLET	SPACE	INLET	OUTLET					

Series Number

780 = Single Meter Pit
782 = Tandem Meter Pit
786 = Single Meter Pit w/Angle PVC Support Brackets
788 = Tandem Meter Pit w/ Angle PVC Support Brackets

Dash

- = Standard No bypass
B = Low bypass
R = High offset bypass

Meter Size

6 = 1 1/2"
7 = 2"

Bury Depth

36" minimum Available in 6" increments

Meter Connections

Series 780 Meter Inlet
W = Angle Full Port Lockwing ball valve

Meter Outlet
D = Angle Full Port Dual check valve
N = Flanged elbow
W = Angle Full Port Lockwing ball valve

Service Line Connection

Bottom Inlet and Outlet Configuration
P = Male iron pipe standard
Other options available, contact factory.

Size of Service Line Connection

Inlet and Outlet Connection
6 = 1 1/2"
7 = 2"

Bypass Option

0 = No Bypass
4 = 1"
5 = 1 1/4"
6 = 1 1/2"
7 = 2"

Corrugated Pit Diameter
24"
27"
30"
36"

Tandem Setting Device Length and Configuration must be supplied by customer

For Tandem Series



Example 782-736WDPP 770 X 36 X -- Device Length
Tandem setters are supplied with adapters and "S" tube. Please specify device length and threads when ordering.

NOTE: Tandem device is not included and must be purchased separately.

780 Series - Riser Style Pit Assembly

1 1/2" & 2" METERS

Standard Meter Lay Lengths -

13" - 1 1/2" Meters

17" - 2" Meters

780	-	6	36	W	N	P	P		6	6	0	X	36	
Series #	By-Pass	Meter Size	Bury Depth	Inlet	Outlet	Service Inlet Type	Service Outlet Type	Space	Service Inlet Size	Service Outlet Size	By-Pass Size		Pit Diameter	Specials

Step #1 - Choose your base pit setter

780 Series

Single Meter Pit Setter

Base Model #	Meter Size	Inlet	Outlet	Service Inlet & Outlet	Pit Diameter	Base Price
780-636HNPP 660X24X433	1 1/2"	Full Port Ball Valve	Meter Flange	1 1/2" MNPT	24" *	$1,639.33
780-636WNPP 660X36	1 1/2"	Full Port Ball Valve	Meter Flange	1 1/2" MNPT	36"	$2,937.92
780-736HNPP 770X27X433	2"	Standard Port Ball Valve	Meter Flange	2" MNPT	27" *	$2,050.35
780-736WNPP 770X36	2"	Full Port Ball Valve	Meter Flange	2" MNPT	36"	$3,242.91

*Not recommended frost jump

782 Series

Tandem Meter Pit Setter - *Note: A PRV length and connection type are required*

Base Model #	Meter Size	Inlet	Outlet	Service Inlet & Outlet	Pit Diameter	Base Price
782-636WNPP 660X36	1 1/2"	Full Port Ball Valve	Meter Flange	1 1/2" MNPT	36"	$3,709.93
782-736WNPP 770X36	2"	Full Port Ball Valve	Meter Flange	2" MNPT	36"	$4,054.23

Step #2 - Choose Your By-Pass

Note: Meter Setters with Flanged Elbows are not available with a By-Pass

List Price Adders:

Size	Description	Model # Slot 2	Model # Slot 12	1 1/2" Meter	2" Meter
N/A	No By-Pass	-	0	$ 0.00	$ 0.00
1 1/4"	Low Inline By-Pass	B	5	$127.48	$127.48
1 1/4"	High Offset By-Pass	R	5	$401.49	$401.49

Step #3 - Choose Your Bury Depth

Note: Contact the Factory for additional depth & diameter configurations

List Price Adders:

Height	Model # Slot 4	24" Pit Diameter 1 1/2" Meter	24" Pit Diameter 2" Meter	27" Pit Diameter 1 1/2" Meter	27" Pit Diameter 2" Meter	30" Pit Diameter 1 1/2" Meter	30" Pit Diameter 2" Meter	36" Pit Diameter 1 1/2" Meter	36" Pit Diameter 2" Meter
36"	36	$ 0.00	N/A	$0.00	$ 0.00	$0.00	$ 0.00	$ 0.00	$ 0.00
42"	42	$123.90	N/A	$146.64	$160.83	$165.67	$181.68	$184.66	$202.53
48"	48	$247.80	N/A	$293.29	$321.67	$331.31	$363.37	$369.32	$405.07
54"	54	$371.71	N/A	$439.93	$482.50	$496.96	$545.05	$553.99	$607.60
60"	60	$495.61	N/A	$586.58	$643.34	$662.62	$726.74	$738.65	$810.13
66"	66	$619.51	N/A	$733.22	$804.17	$828.27	$908.42	$923.31	$1,012.66
72"	72	$743.41	N/A	$879.86	$965.01	$993.92	$1,090.11	$1,107.97	$1,215.20
78"	78	$867.32	N/A	$1,026.50	$1,125.84	$1,159.57	$1,271.79	$1,292.64	$1,417.73
84"	84	$991.22	N/A	$1,173.15	$1,286.68	$1,325.23	$1,453.47	$1,477.30	$1,620.26
90"	90	$1,115.12	N/A	$1,319.79	$1,447.51	$1,490.88	$1,635.16	$1,661.96	$1,822.80
96"	96	$1,239.02	N/A	$1,466.44	$1,608.35	$1,656.53	$1,816.84	$1,846.62	$2,025.33

Step # 4 - Choose Your Meter Valves

Note: add for each Valve added to Pit Setter AND subtract the Ball Valve if removed from Pit Setter

List Price Adders:

Meter Inlet & Outlet	Model # Slot 5& 6	1 1/2" Meter	2" Meter
Flanged Elbow	N	$ 0.00	$ 0.00
Lockwing BCS Ball Valve	H	$85.78	$108.41
Lockwing Ball Valve	W	$234.70	$258.53
Dual Check	D	$309.76	$269.25
Dual Check with 1" Test Port	E	$331.20	$290.69
Dual Check with 1 1/2" Test Port	F	$331.20	$290.69
Dual Check with 2" Test Port	G	$331.20	$290.69

Step # 5 - Service Inlet & Outlet Connections

Note: A 74754 Female Adapter can be used to convert to other types of pipe on page 195

List Price Adders:

Service Inlet & Outlet	Model # Slot 7 & 8	Model # Slot 10 & 11	1 1/2" Meter	2" Meter
1 1/2" Male Iron Pipe	PP	66	$ 0.00	N/A
2" Male Iron Pipe	PP	77	Contact Factory	$ 0.00

Step # 6 - Add for Specials

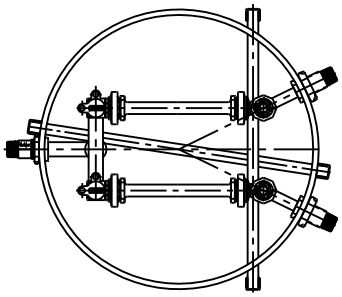
Contact the Factory

783, 784, 785 Series - Iron Yoke Pit Assembly

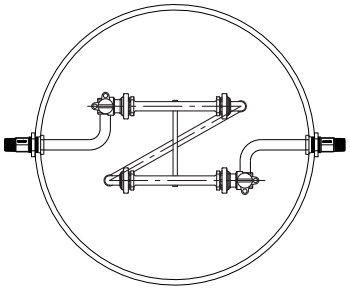
FOR 5/8” TO 1” METERS

A.Y. McDonald Mfg. Co. offers a quick and easy way to install your water meter. The series 783 yoke style pit assembly is designed for 5/8” to 1” threaded meters. The 783 series is delivered completely assembled, is fully tested prior to leaving the factory, built to your specifications, and is set into service as a unit. This unit can be installed in minutes.

Comes complete with service line connections, risers, valves, and iron yoke meter cradle. May be ordered with or without meter expansion connection. Also taken into consideration when sizing the 783 series pit assembly is the service line depth, and optional frame and cover sold separately.

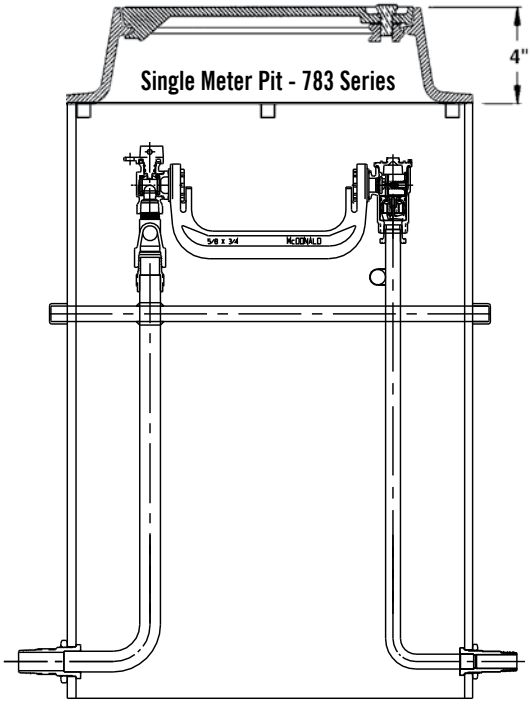


Dual Meter Pit 784 Series



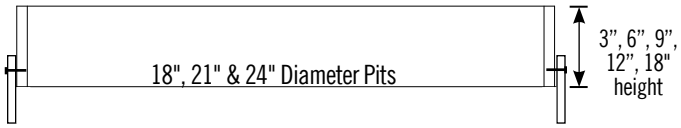
Tandem Meter Pit 785 Series

See Frame & Cover Section for optional frames and covers sold separately.



Single Meter Pit - 783 Series

80-EXT - Pit Extensions



80-EXT - Sizes

Size	Price	Size	Price	Size	Price
18” x 03”	$55.12	21” x 03”	$59.71	24” x 03”	$67.36
18” x 06”	$70.42	21” x 06”	$82.67	24” x 06”	$96.46
18” x 09”	$85.73	21” x 09”	$105.64	24” x 09”	$125.53
18” x 12”	$101.04	21” x 12”	$128.58	24” x 12”	$154.62

Contact factory for additional sizes.

80-C2 - Two Piece Insulation Cushion

Sizes	Price
18” x 2.00	$93.11
20” x 2.00	$97.12
21” x 2.00	$97.12
24” x 2.00	$116.81



Expansion Connections - Hard Gaskets

Model	Meter Size	Price
714-1EHG	5/8”	$31.61
714-2EHG	5/8” x 3/4” or 3/4”	$35.83
714-4EHG	1”	$60.18

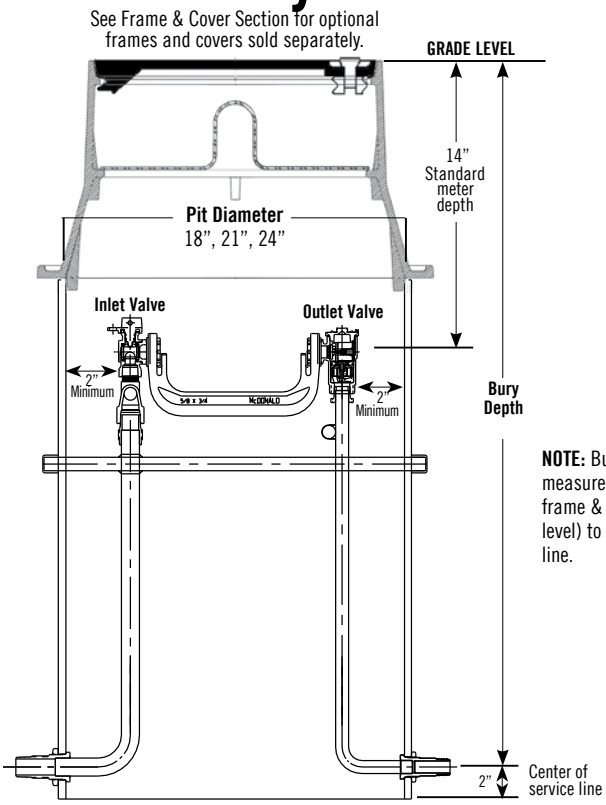
Includes two star nut gaskets



NOTES

- The centerline of the service line connections are positioned 2” above the bottom of the pit.
- The centerline of the meter will be 14” below grade level.
- A PVC support cross tube is tied to the copper tube risers and permanently attached to the pit walls.
- Cast brass jam nuts installed to secure riser tubes to exterior of the PVC frame.
- Recommend minimum 2” clearance between the pit wall and any part of the setting to prevent frost jump.
- Cast iron frame, and cover, inner lid, or insulating options are provided independently of pit setter.
- All cast brass meets latest revision of AWWA C800.
- All pipe, valves, and fittings associated with the PVC pit setter shall be factory assembled and tested.
- Use 785 series for installation with secondary device such as pressure regulators or other service line connections.

783 Series - Yoke Pit Assembly



Following is a general guide to the A.Y. McDonald Mfg. Co. Yoke Style Pit Setter model numbering system.

Example: Model 783W236WDPP 33X18

783	W	2	36	W	D	P	P		3	3	X	18
				INLET	OUTLET	INLET	OUTLET	SPACE	INLET	OUTLET		

Series Number
783 = Single Yoke Pit
784 = Dual Meter Pit
785 = Tandem Meter Pit

Dash
- = Standard 4" cover
W = Double lid 9 1/2"

Meter Size
1 = 5/8"
2 = 5/8" x 3/4"
3 = 3/4"
4 = 1"

Bury Depth
36" minimum
Available in
6" increments

Meter Connections

Series 783 Meter Inlet
J = Full port ball valve
L = Plug valve
W = Lockwing ball valve

Meter Outlet
C = Angle single check valve
D = Angle dual check valve
E = Yoke elbow
J = Full port ball valve
L = Plug valve
M = 1" Full port dual check - 1" meter only
W = Lockwing ball valve

Other options available, contact factory.

Service Line Connection

Bottom Inlet and Outlet Configuration
P = Male iron pipe
2 = -22 CTS
T = T CTS
Other options available, contact factory.

Size of Service Line Connection

Inlet and Outlet Connection
3 = 3/4"
4 = 1"

Pit Diameter
18 = 5/8" 5/8" x 3/4"
21 = 3/4"
24 = 1"

For the following pit configurations/diameters, Contact Factory:
5/8" Tandem/Dual
5/8" x 3/4" Tandem/Dual
3/4" Tandem/Dual
1" Tandem/Dual

Series 785 - Tandem
A = Angle Single check valve
F = Dual check valve
E = Brass elbow
K = Full port ball valve
G = Plug valve
P = 1" Full port dual check - 1" meter only
Q = Lockwing ball valve

NOTE: Unless specified all tandem components have meter nuts without saddles.

For Tandem Series



Contact Factory for Tandems, Meter Length, and End connection device.

783 Series - Yoke Pit Assembly

5/8", 5/8" X 3/4", 3/4", & 1" METERS

Standard Meter Lay Lengths -

7.5" - 5/8" Meters
7.5" - 5/8" x 3/4" Meters
9" - 3/4" Meters
10.75" - 1" Meters

Standard Tandem Device Lay Lengths (FNPT x FNPT) -

4" - 5" - 5/8" & 5/8" x 3/4", 3/4" Meters
5" - 6" - 1" Meters

783	-	3	36	W	E	P	P		3	3	X	21
Series #	Frame Type	Meter Size	Bury Depth	Inlet	Outlet	Service Inlet Type	Service Outlet Type	Space	Service Inlet Size	Service Outlet Size		Pit Diameter

Step #1 - Choose your base pit setter

783 Series
Single Yoke Pit Setter

Base Model #	Meter Size	Inlet	Outlet	Service Inlet & Outlet	Pit Diameter	Base Price
783-136WEPP 33X21	5/8"	Standard Port Ball Valve	Yoke Elbow	3/4" MNPT	21"	$699.33
783-136WEPP 33X24	5/8"	Standard Port Ball Valve	Yoke Elbow	3/4" MNPT	24"	$768.43
783-236WEPP 33X21	5/8" x 3/4"	Standard Port Ball Valve	Yoke Elbow	3/4" MNPT	21"	$704.10
783-236WEPP 33X24	5/8" x 3/4"	Standard Port Ball Valve	Yoke Elbow	3/4" MNPT	24"	$773.20
783-336WEPP 33X21	3/4"	Standard Port Ball Valve	Yoke Elbow	3/4" MNPT	21"	$717.20
783-336WEPP 33X24	3/4"	Standard Port Ball Valve	Yoke Elbow	3/4" MNPT	24"	$786.30
783-436WEPP 33X24	1"	Standard Port Ball Valve	Yoke Elbow	1" MNPT	24"	$1,035.30

783 Series
Single Yoke Pit Setter

Base Model #	Meter Size	Inlet	Outlet	Service Inlet & Outlet	Pit Diameter	Base Price
783D136JEPP 33X21*	5/8"	Full Port Ball Valve	Yoke Elbow	3/4" MNPT	21"	$764.86
783D136JEPP 33X24*	5/8"	Full Port Ball Valve	Yoke Elbow	3/4" MNPT	24"	$833.96
783D236JEPP 33X21*	5/8" x 3/4"	Full Port Ball Valve	Yoke Elbow	3/4" MNPT	21"	$769.63
783D236JEPP 33X24*	5/8" x 3/4"	Full Port Ball Valve	Yoke Elbow	3/4" MNPT	24"	$838.72
783D336JEPP 33X21*	3/4"	Full Port Ball Valve	Yoke Elbow	3/4" MNPT	21"	$773.20
783D336JEPP 33X24*	3/4"	Full Port Ball Valve	Yoke Elbow	3/4" MNPT	24"	$842.30
783-436JEPP33X24	1"	Full Port Ball Valve	Yoke Elbow	1" MNPT	24"	$1,085.34

*7/8" Copper Tube

Step #2 - Choose Your Lid Type
Note: Frame & Cover sold separately

List Price Adders:

Description	Model # Slot 2	18" Pit Diameter	21" Pit Diameter	24" Pit Diameter
Standard Frame	-	$ 0.00	$ 0.00	$ 0.00
W-Style Frame & Cover	W	-$ 50.04	-$ 50.04	-$ 50.04

783 Series - Pit Assembly

5/8", 5/8" X 3/4", 3/4", & 1" METERS

Step #3 - Choose Your Bury Depth

Note: Contact the Factory for additional depth & diameter configurations

List Price Adders:

Height	Model # Slot 4	21" Pit Diameter 5/8", 5/8" x 3/4" & 3/4" Meter	24" Pit Diameter 5/8", 5/8" x 3/4" & 3/4" Meter	24" Pit Diameter 1" Meter
36"	36	$ 0.00	$ 0.00	$ 0.00
42"	42	$60.76	$71.48	$94.12
48"	48	$121.52	$142.96	$188.24
54"	54	$182.28	$214.45	$282.35
60"	60	$243.04	$285.93	$376.47
66"	66	$303.80	$357.41	$470.59
72"	72	$364.56	$428.89	$564.71
78"	78	$425.32	$500.38	$658.83
84"	84	$486.08	$571.86	$752.95
90"	90	$546.84	$643.34	$847.06
96"	96	$607.60	$714.82	$941.18

Step #4 - Choose Your Meter Valves

Note: add for each Valve added to Pit Setter AND subtract the Ball Valve if removed from Pit Setter

List Price Adders:

Meter Inlet & Outlet	Model # Slot 5 & 6	Model # Slot 14	5/8"& 5/8" x 3/4" Meter	3/4" Meter	1" Meter
Yoke Elbow	E		$ 0.00	$ 0.00	$ 0.00
Yoke Elbow with Test Port	F		$20.25	$20.25	$20.25
Lockwing Plug Valve	L		$52.42	$50.04	$45.27
Lockwing Plug Valve with Test Port	T		$61.95	$59.57	$61.95
Lockwing Ball Valve	W		$63.14	$60.76	$91.74
Lockwing Full Port Ball Valve	J		$119.14	$116.75	$141.77
Single Check	C		$57.19	$57.19	$34.55
Cascading Dual Check	D	X992	$106.03	$106.03	$82.20
Dual Check	D		$115.56	$115.56	$166.79
1" Port Angle Dual Check	M		N/A	N/A	$216.83

Step #5 - Choose Your Service Inlet & Outlet Connections

Note: A 74754 Female Adapter can be used to convert to other types of pipe on page 195

List Price Adders:

Service Inlet & Outlet	Model # Slot 7 & 8	Model # Slot 10 & 11	5/8" & 5/8" x 3/4" Meter	3/4" Meter	1" Meter
3/4" Male Iron Pipe Integral	PP	33	$ 0.00	$ 0.00	N/A
1" Male Iron Pipe Integral	PP	44	Contact Factory	Contact Factory	$ 0.00
3/4" Copper Flare w/74754	CC	33	$11.91	$11.91	N/A
3/4" -22 CTS Compression Integral	22	33	$13.11	$13.11	N/A
1" -22 CTS Compression Integral	22	44	Contact Factory	Contact Factory	$39.32
3/4" T CTS Compression Integral	TT	33	$13.11	$13.11	N/A
1" T CTS Compression Integral	TT	44	Contact Factory	Contact Factory	$39.32

Step # 6 - Add for Specials

Contact the Factory

7180, 7181, 7182, 7186, 7187, 7188 Series - Flat Lid Pit Assembly

FOR 5/8" TO 1" METERS

A.Y. McDonald Mfg. Co. offers a quick and easy way to install your water meter in a shallow setting. The series 7180 inline meter setting is delivered completely assembled and is fully tested prior to leaving the factory.

Each meter box assembly comes standard with a rigid PVC shell, AWWA compliant water service brass fittings, and valves, and NSF meter gaskets. Options include aluminum bottom closure, insulating pads, and several lid styles. Various service line connection styles are also available upon request. This versatile meter box can be sized to fit any standard size water meter and is easily adapted to remote read options.

Available for single, dual, and tandem meter installations.

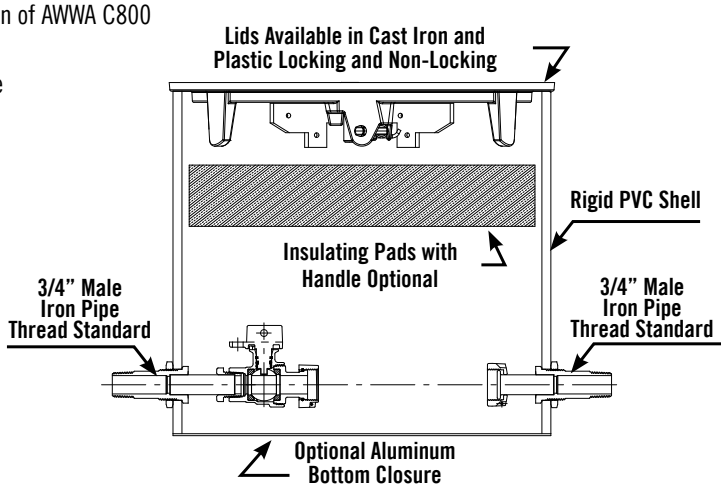
See Frame & Cover Section for optional frames and covers sold separately.

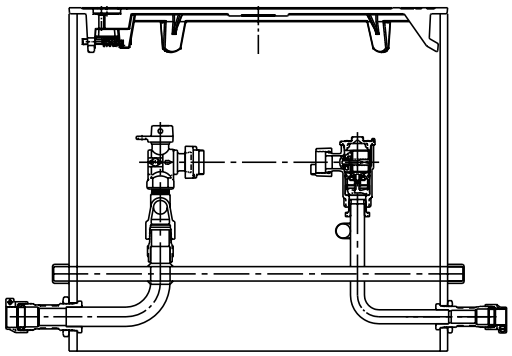


Top View - With Meter & Shut-Off Valve

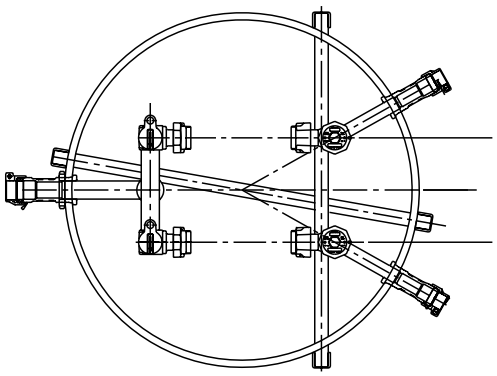
FEATURES

- Rigid PVC Shell
- Fully assembled
- White interior
- Factory tested
- All cast brass meets latest revision of AWWA C800
- Sized to fit your meter
- Compression connection available
- Adaptable to meet your needs





Single 7180 Series

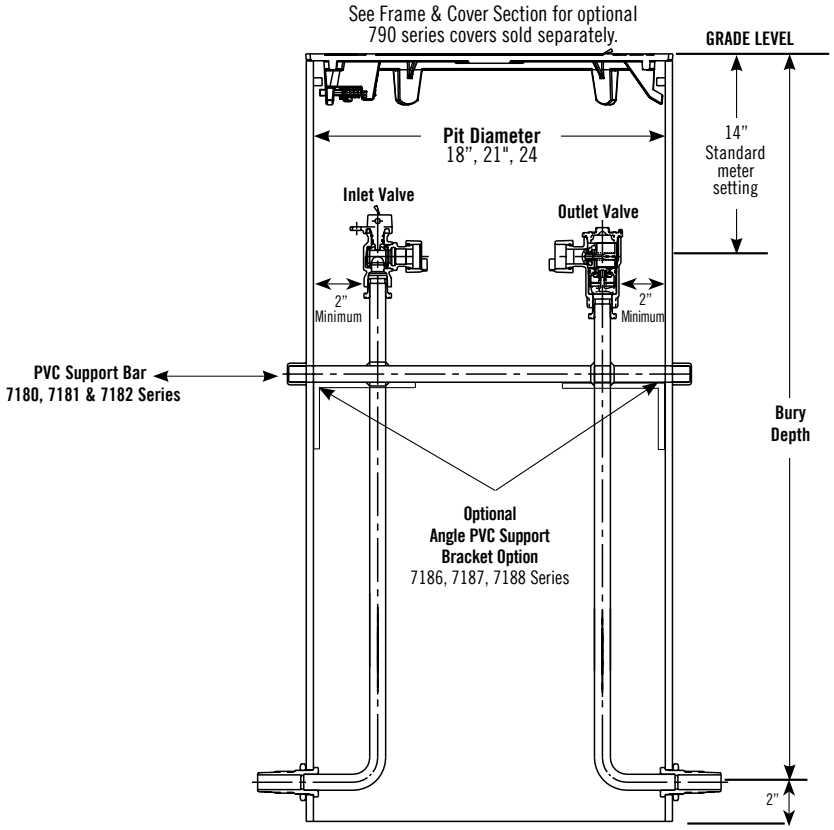


Dual 7181 Series

NOTES

- Not all combinations are available - Contact Factory.

7180 Series - Flat Lid Pit Assembly



NOTE: Bury depth is measured from top of frame & cover (grade level) to center of service line.

Following is a general guide to the A.Y. McDonald Mfg. Co. Riser Style Pit Setter model numbering system.

Example: Model 7180-236WDPP 33X18

7180	-	2	36	W	D	P	P		3	3	X	18
				INLET	OUTLET	INLET	OUTLET	SPACE	INLET	OUTLET		

Series Number

7180 = Single Meter Pit (standard)
7181 = Dual Meter Pit
7182 = Tandem Meter Pit

7186 = Single Meter Pit w/Angle PVC Support Brackets
7187 = Dual Meter Pit w/Angle PVC Support Brackets
7188 = Tandem Meter Pit w/ Angle PVC Support Brackets

Dash

- = Standard

Meter Size

Meter Size
1 = 5/8"
2 = 5/8" x 3/4"
3 = 3/4"
4 = 1"

Bury Depth

18" minimum
Available in
6" increments

Meter Connections

Series 7180 Meter Inlet
W = Lockwing ball valve
L = Plug valve

Meter Outlet
C = Angle single check valve
D = Angle dual check valve
L = Plug valve
N = Flanged elbow
W = Lockwing ball valve

Other options available, contact factory.

Service Line Connection

Bottom Inlet and Outlet Configuration
P = Male iron pipe standard
2 = -22 CTS
T = T CTS

Other options available, contact factory.

Size of Service Line Connection

Inlet and Outlet Connection
3 = 3/4"
4 = 1"

Pit Diameter

18 = 5/8" or 5/8" x 3/4"
21 = 3/4" or 1"
24 = **As Required**

For the following pit configurations/diameters, Contact Factory:
5/8" Tandem/Dual
5/8" x 3/4" Tandem/Dual
3/4" Tandem/Dual
1" Tandem/Dual

Series 7182 - Tandem

A = Full Port Angle Single Check Valve
F = Full Port Angle Dual Check Valve (ASSE 1024)
N = Flanged Tubing with Meter Nut
Q = Angle Lockwing Ball Valve Rated at 300 PSIG

NOTE: Unless specified all tandem components have meter nuts without saddles.

For Tandem Series



Example 7182-236QFPP 33 X 18
Tandem setters are supplied with adapters and "S" tube. Please specify device length and threads when ordering.

7180 Series - Flat Lid Pit Assembly

5/8", 5/8" X 3/4", 3/4", & 1" METERS

Standard Meter Lay Lengths -

7.5" - 5/8" Meters
7.5" - 5/8" x 3/4" Meters
9" - 3/4" Meters
10.75" - 1" Meters

Standard Tandem Device Lay Lengths (FNPT x FNPT) -

4" - 5" - 5/8" & 5/8" x 3/4", 3/4" Meters
5" - 6" - 1" Meters

7180	-	3	36	W	X	P	P		3	3	X	21	
Series #	Lid Type	Meter Size	Bury Depth	Inlet	Outlet	Service Inlet Type	Service Outlet Type	Space	Service Inlet Size	Service Outlet Size		Pit Diameter	Specials

Step #1 - Choose your base pit setter

7180 Series
Single Meter Pit Setter

Base Model #	Meter Size	Inlet	Outlet	Service Inlet & Outlet	Pit Diameter	Base Price
7180-136WXPP 33X18	5/8"	Standard Port Ball Valve	Meter Nut	3/4" MNPT	18"	$645.72
7180-136WXPP 33X21	5/8"	Standard Port Ball Valve	Meter Nut	3/4" MNPT	21"	$681.46
7180-136WXPP 33X24	5/8"	Standard Port Ball Valve	Meter Nut	3/4" MNPT	24"	$752.95
7180-236WXPP 33X18	5/8" x 3/4"	Standard Port Ball Valve	Meter Nut	3/4" MNPT	18"	$645.72
7180-236WXPP 33X21	5/8" x 3/4"	Standard Port Ball Valve	Meter Nut	3/4" MNPT	21"	$681.46
7180-236WXPP 33X24	5/8" x 3/4"	Standard Port Ball Valve	Meter Nut	3/4" MNPT	24"	$752.95
7180-336WXPP 33X21	3/4"	Standard Port Ball Valve	Meter Nut	3/4" MNPT	21"	$690.99
7180-336WXPP 33X24	3/4"	Standard Port Ball Valve	Meter Nut	3/4" MNPT	24"	$762.48
7180-436WXPP 44X21	1"	Standard Port Ball Valve	Meter Nut	1" MNPT	21"	$889.95
7180-436WXPP 44X24	1"	Standard Port Ball Valve	Meter Nut	1" MNPT	24"	$961.44

7180 Series
Single Meter Pit Setter

Base Model #	Meter Size	Inlet	Outlet	Service Inlet & Outlet	Pit Diameter	Base Price
7180D236JXPP 33X18*	5/8" x 3/4"	Full Port Ball Valve	Meter Nut	3/4" MNPT	18"	$711.25
7180D236JXPP 33X21*	5/8" x 3/4"	Full Port Ball Valve	Meter Nut	3/4" MNPT	21"	$746.99
7180D236JXPP 33X24*	5/8" x 3/4"	Full Port Ball Valve	Meter Nut	3/4" MNPT	24"	$818.47
7180D336JXPP 33X21*	3/4"	Full Port Ball Valve	Meter Nut	3/4" MNPT	21"	$746.99
7180D336JXPP 33X24*	3/4"	Full Port Ball Valve	Meter Nut	3/4" MNPT	24"	$818.47
7180D436JXPP 44X21	1"	Full Port Ball Valve	Meter Nut	1" MNPT	21"	$939.99
7180-436JXPP 44X24	1"	Full Port Ball Valve	Meter Nut	1" MNPT	24"	$1,011.47

*7/8" Copper Tube

7181 Series
Dual Meter Pit Setter

Base Model #	Meter Size	Inlet	Outlet	Service Inlet & Outlet	Pit Diameter	Base Price
7181-136WXPP 33X21	5/8"	Standard Port Ball Valve	Meter Nut	3/4" MNPT	21"	$1,354.59
7181-136WXPP 33X24	5/8"	Standard Port Ball Valve	Meter Nut	3/4" MNPT	24"	$1,426.07
7181-236WXPP 33X21	5/8" x 3/4"	Standard Port Ball Valve	Meter Nut	3/4" MNPT	21"	$1,354.59
7181-236WXPP 33X24	5/8" x 3/4"	Standard Port Ball Valve	Meter Nut	3/4" MNPT	24"	$1,426.07
7181-336WXPP 33X24	3/4"	Standard Port Ball Valve	Meter Nut	3/4" MNPT	24"	$1,435.60

7182 Series
Tandem Meter Pit Setter - *Note: A PRV length and connection type are required*

Base Model #	Meter Size	Inlet	Outlet	Service Inlet & Outlet	Pit Diameter	Base Price
7182-136QNPP 33X21	5/8"	Standard Port Ball Valve	Meter Nut	3/4" MNPT	21"	$792.26
7182-136QNPP 33X24	5/8"	Standard Port Ball Valve	Meter Nut	3/4" MNPT	24"	$863.74
7182-236QNPP 33X21	5/8" x 3/4"	Standard Port Ball Valve	Meter Nut	3/4" MNPT	21"	$792.26
7182-236QNPP 33X24	5/8" x 3/4"	Standard Port Ball Valve	Meter Nut	3/4" MNPT	24"	$863.74
7182-336QNPP 33X24	3/4"	Standard Port Ball Valve	Meter Nut	3/4" MNPT	24"	$874.47
7182-436QNPP 44X24	1"	Standard Port Ball Valve	Meter Nut	1" MNPT	24"	$1,341.48

7180 Series - Flat Lid Pit Assembly

Step #2 - Choose Your Bury Depth

Note: Contact the Factory for additional depth & diameter configurations

List Price Adders:

Height	Model # Slot 4	18" Pit Diameter 5/8", 5/8" x 3/4" & 3/4" Meter	21" Pit Diameter 5/8", 5/8" x 3/4" & 3/4" Meter	21" Pit Diameter 1" Meter	24" Pit Diameter 5/8", 5/8" x 3/4" & 3/4" Meter	24" Pit Diameter 1" Meter
36"	36	$ 0.00	$ 0.00	$ 0.00	$ 0.00	$ 0.00
42"	42	$53.61	$60.76	$82.20	$71.48	$94.12
48"	48	$107.22	$121.52	$164.41	$142.96	$188.24
54"	54	$160.83	$182.28	$246.61	$214.45	$282.35
60"	60	$214.45	$243.04	$328.82	$285.93	$376.47
66"	66	$268.06	$303.80	$411.02	$357.41	$470.59
72"	72	$321.67	$364.56	$493.23	$428.89	$564.71
78"	78	$375.28	$425.32	$575.43	$500.38	$658.83
84"	84	$428.89	$486.08	$657.64	$571.86	$752.95
90"	90	$482.50	$546.84	$739.84	$643.34	$847.06
96"	96	$536.12	$607.60	$822.05	$714.82	$941.18

Step #3 - Choose Your Meter Valves

Note: add for each Valve added to Pit Setter AND subtract the Ball Valve if removed from Pit Setter

List Price Adders:

Meter Inlet & Outlet	Model # Slot 5 & 6	Model # Slot 14	5/8" & 5/8" x 3/4" Meter	3/4" Meter	1" Meter
Meter Nut	X		$ 0.00	$ 0.00	$ 0.00
Brass Elbow	Z		$25.02	$29.78	$44.08
Lockwing Plug Valve	L		$52.42	$50.04	$45.27
Lockwing Ball Valve	W		$63.14	$60.76	$91.74
Lockwing Full Port Ball Valve	J		$119.14	$116.75	$141.77
Single Check	C		$57.19	$57.19	$34.55
Cascading Dual Check	D	X992	$106.03	$106.03	$82.20
Dual Check	D		$115.56	$115.56	$166.79
1" Port Angle Dual Check	M		N/A	N/A	$216.83

Step #4 - Choose Your Service Inlet & Outlet Connections

Note: A 74754 Female Adapter can be used to convert to other types of pipe on page 195

Price below is per side

List Price Adders:

Service Inlet & Outlet	Model # Slot 7 & 8	Model # Slot 10 & 11	5/8" & 5/8" x 3/4" Meter	3/4" Meter	1" Meter
3/4" Male Iron Pipe Integral	PP	33	$ 0.00	$ 0.00	N/A
1" Male Iron Pipe Integral	PP	44	Contact Factory	Contact Factory	$-
3/4" Copper Flare	CC	33	$11.91	$11.91	N/A
3/4" -22 CTS Compression Integral	22	33	$13.11	$13.11	N/A
1" -22 CTS Compression Integral	22	44	Contact Factory	Contact Factory	$39.32
3/4" T CTS Compression Integral	TT	33	$13.11	$13.11	N/A
1" T CTS Compression Integral	TT	44	Contact Factory	Contact Factory	$39.32

Step #5 - Add for Specials

Contact the Factory

790 Series - Coil Pit Assembly

FOR 5/8” TO 1” METERS

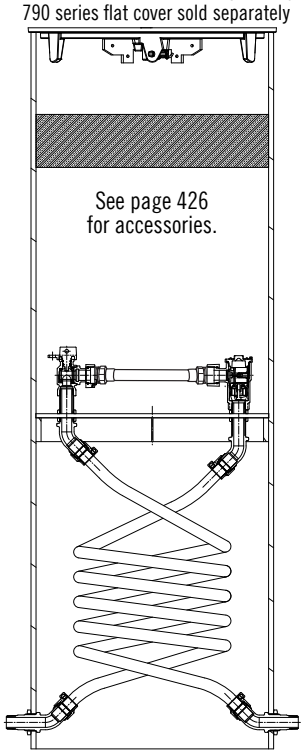
The A.Y. McDonald Coil Pit Setter provides a means to allow a meter to be read and maintained even though it is set deep in the ground to resist freezing. The Coil Pit Setter is designed with the meter installed on a platform that normally sets near the bottom of the box where the ground temperatures are warmer. The meter and platform are connected to the service line by coils of tubing which allows the meter and platform to be raised to the surface for service or replacement.

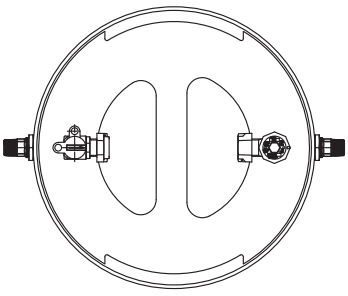
The body of the meter box is rigid PVC of various diameters. For extremely cold climates, an optional insulating pad is available which traps the relatively warm air rising from the earth, inside the meter box.

A.Y. McDonald Coil Pit Setters are shipped fully assembled, ready for meter and service line installation. Their light weight saves shipping costs and makes installation a one man job in most cases. Every box is factory tested and has a 150 psig maximum working pressure rating.

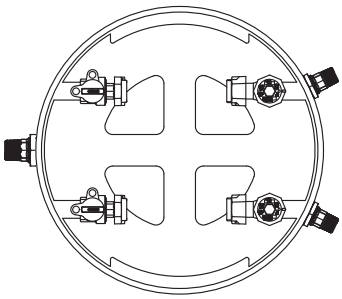
A.Y. McDonald Coil Pit Setters are available in single, dual, and tandem settings for 5/8” to 1” meters. A wide variety of end connections, control valves, box depths, lids and other options are available. Due to the almost endless combination of features offered, each meter box is custom built to your specifications.

See Frame & Cover section for optional frames and covers sold separately.
790 series flat cover sold separately

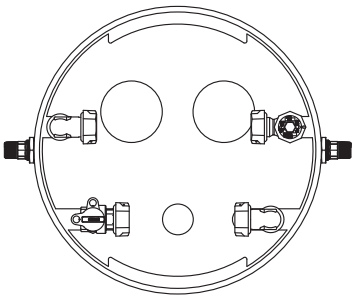




790 Series - Single



791 Series - Dual



792 Series - Tandem

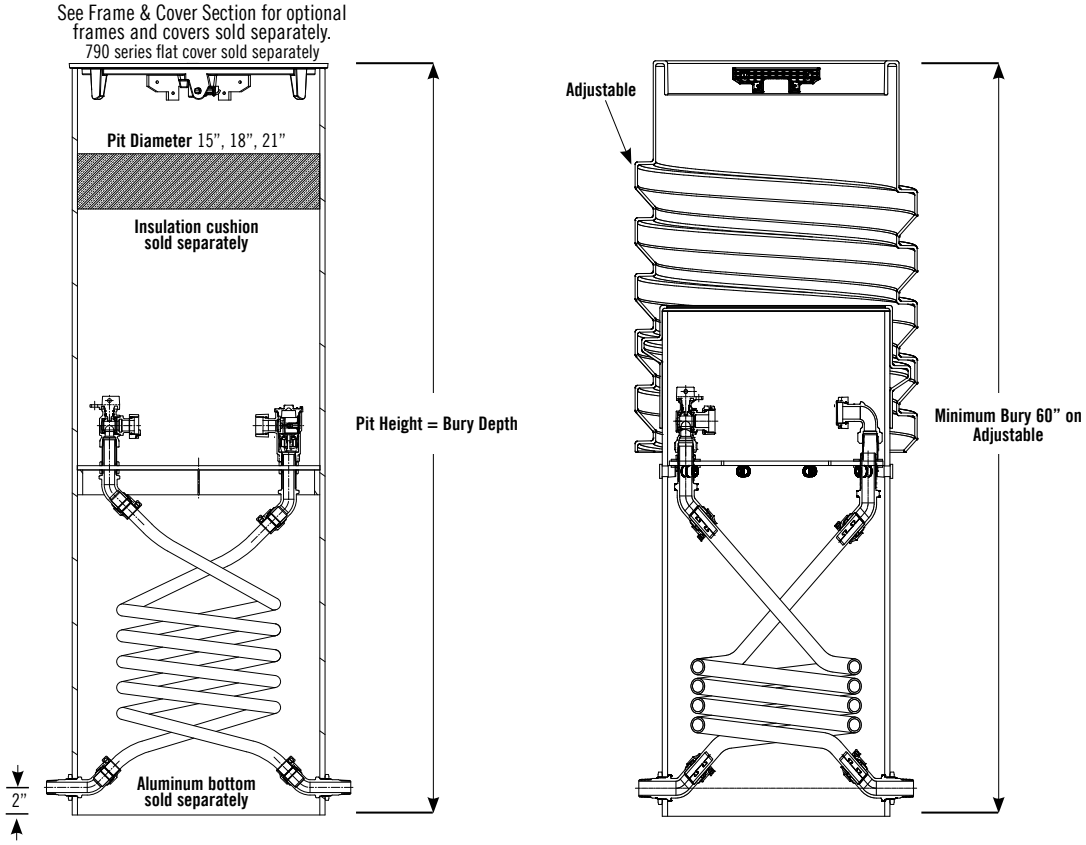
790-PVCSJ - PVC Slip Joint x FNPT

Size	Price
1 1/2” x 3/4”	$70.48
1 1/2” x 1”	$70.48
2” x 3/4”	$99.48
2” x 1”	$99.48



NOTES
- All cast brass meets latest revision of AWWA C800.

790 Series - Coil Pit Assembly



Following is a general guide to the A.Y. McDonald Mfg. Co. Coil style pit setter model numbering system.

Example: Model 790-248QFPP 330X18

790	-	2	48	Q	F	P	P		3	3	0	X	18
				INLET	OUTLET	INLET	OUTLET	SPACE	INLET	OUTLET			
Series Number	Dash	Meter Size	Bury Depth	Meter Connections		Service Line Connection			Size of Service Line Connection		For Cushion & Bottom Options Contact Factory		Pit Diameter

Series Number

790 = Single Meter Pit (standard)
791 = Dual Meter Pit
792 = Tandem Meter Pit
793 = Air Release Pit
795 = Adjustable Single Meter Pit
796 = Adjustable Dual Meter Pit
797 = Adjustable Tandem Meter Pit

NOTE:
- Full port ball valves and check valves optional on 3/4" & 1" meter pits
  K = Full port lockwing ball valve
  P = 1" Full port angle dual check

NOTE:
- 1" coil tube optional on 5/8", 5/8" x 3/4", and 3/4" meter pits
  D = 1" coil tube with 1" inlet and outlet

Dash

- = Standard

Meter Size

Meter Size
1 = 5/8"
2 = 5/8" x 3/4"
3 = 3/4"
4 = 1"

Bury Depth

30" minimum
Available in 6" increments

Meter Connections

Series 790 Meter Inlet
G = Plug valve
Q = Lockwing ball valve (standard)

Meter Outlet
A = Single check valve
F = Single dual check valve
G = Plug valve
N = Meter nut
Q = Lockwing ball valve
Other options available, contact factory.

Service Line Connection

Bottom Inlet and Outlet Configuration
P = Male iron pipe
2 = -22 CTS
T = T CTS
Compression and flare options available.
Other options available, contact factory.

Size of Service Line Connection

Inlet and Outlet Connection
3 = 3/4"
4 = 1"

For Cushion & Bottom Options Contact Factory

Pit Diameter

15 = 5/8"
5/8" x 3/4"
18 = 3/4" or 1"
21 = **As Required**

For the following pit configurations/diameters, Contact Factory:
5/8" Tandem/Dual
5/8" x 3/4" Tandem/Dual
3/4" Tandem/Dual
1" Tandem/Dual

Series 792 - Tandem
A = Angle Single Check Valve
F = Angle Dual Check Valve (ASSE 1024)
G = Plug valve
N = Meter Nut
Q = Angle Lockwing Ball Valve

NOTE: Unless specified all tandem components have meter nuts without saddles.

For Tandem Series



Contact Factory for Tandems

790 Series - Coil Pit Setters

5/8", 5/8" X 3/4", 3/4", & 1" METERS

Standard Meter Lay Lengths -

7.5" - 5/8" Meters
7.5" - 5/8" x 3/4" Meters
9" - 3/4" Meters
10.75" - 1" Meters

790	-	3	30	Q	N	P	P		3	3	0	X	18	
Series #	Lid Type	Meter Size	Bury Depth	Inlet	Outlet	Service Inlet Type	Service Outlet Type	Space	Service Inlet Size	Service Outlet Size	Cushion & Bottom Options		Pit Diameter	Specials

Step #1 - Choose your base pit setter

790 Series
Single Coil Pit Setter

Base Model #	Meter Size	Inlet	Outlet	Service Inlet & Outlet	Pit Diameter	Base Price
790-130QNPP 330X15	5/8"	Standard Port Ball Valve	Meter Nut	3/4" MNPT	15"	$758.87
790-130QNPP 330X18	5/8"	Standard Port Ball Valve	Meter Nut	3/4" MNPT	18"	$829.24
790-230QNPP 330X15	5/8" x 3/4"	Standard Port Ball Valve	Meter Nut	3/4" MNPT	15"	$758.87
790-230QNPP 330X18	5/8" x 3/4"	Standard Port Ball Valve	Meter Nut	3/4" MNPT	18"	$829.24
790-330QNPP 330X15	3/4"	Standard Port Ball Valve	Meter Nut	3/4" MNPT	15"*	$758.87
790-330QNPP 330X18	3/4"	Standard Port Ball Valve	Meter Nut	3/4" MNPT	18"	$829.24
790-430QNPP 440X18	1"	Standard Port Ball Valve	Meter Nut	1" MNPT	18"	$1,066.65
790-430QNPP 440X21	1"	Standard Port Ball Valve	Meter Nut	1" MNPT	21"	$1,187.63

*3/4" Short Meter Only

790 Series
Single Coil Pit Setter

Base Model #	Meter Size	Inlet	Outlet	Service Inlet & Outlet	Pit Diameter	Base Price
790-130KNPP 330X15	5/8"	Full Port Ball Valve	Meter Nut	3/4" MNPT	15"	$775.64
790-130KNPP 330X18	5/8"	Full Port Ball Valve	Meter Nut	3/4" MNPT	18"	$846.01
790-230KNPP 330X15	5/8" x 3/4"	Full Port Ball Valve	Meter Nut	3/4" MNPT	15"	$775.64
790-230KNPP 330X18	5/8" x 3/4"	Full Port Ball Valve	Meter Nut	3/4" MNPT	18"	$846.01
790-330KNPP 330X15	3/4"	Full Port Ball Valve	Meter Nut	3/4" MNPT	15"*	$775.64
790-330KNPP 330X18	3/4"	Full Port Ball Valve	Meter Nut	3/4" MNPT	18"	$846.01
790-430KNPP 440X18	1"	Full Port Ball Valve	Meter Nut	1" MNPT	18"	$1,085.17
790-430KNPP 440X21	1"	Full Port Ball Valve	Meter Nut	1" MNPT	21"	$1,203.16

*3/4" Short Meter Only

791 Series
Dual Coil Pit Setter

Base Model #	Meter Size	Inlet	Outlet	Service Inlet & Outlet	Pit Diameter	Base Price
791-130QNPP 430X18	5/8"	Standard Port Ball Valve	Meter Nut	3/4" MNPT	18"	$1,254.24
791-130QNPP 430X21	5/8"	Standard Port Ball Valve	Meter Nut	3/4" MNPT	21"	Contact Factory
791-230QNPP 430X18	5/8" x 3/4"	Standard Port Ball Valve	Meter Nut	3/4" MNPT	18"	$1,254.24
791-230QNPP 430X21	5/8" x 3/4"	Standard Port Ball Valve	Meter Nut	3/4" MNPT	21"	Contact Factory
791-330QNPP 430X18	3/4"	Standard Port Ball Valve	Meter Nut	3/4" MNPT	18"	$1,254.24
791-330QNPP 430X21	3/4"	Standard Port Ball Valve	Meter Nut	3/4" MNPT	21"	Contact Factory

792 Series
Tandem Coil Pit Setter - *Note: A PRV length and connection type are required*

Base Model #	Meter Size	Inlet	Outlet	Service Inlet & Outlet	Pit Diameter	Base Price
792-130QNPP 330X15	5/8"	Standard Port Ball Valve	Meter Nut	3/4" MNPT	15"	$947.45
792-130QNPP 330X18	5/8"	Standard Port Ball Valve	Meter Nut	3/4" MNPT	18"	$1,017.53
792-230QNPP 330X15	5/8" x 3/4"	Standard Port Ball Valve	Meter Nut	3/4" MNPT	15"	$947.45
792-230QNPP 330X18	5/8" x 3/4"	Standard Port Ball Valve	Meter Nut	3/4" MNPT	18"	$1,017.53
792-330QNPP 330X18	3/4"	Standard Port Ball Valve	Meter Nut	3/4" MNPT	18"*	$1,017.53
792-430QNPP 440X18	1"	Standard Port Ball Valve	Meter Nut	1" MNPT	18"	$1,367.07
792-430QNPP 440X21	1"	Standard Port Ball Valve	Meter Nut	1" MNPT	21"	$1,488.10

790 Series - Coil Pit Setters

5/8", 5/8" X 3/4", 3/4", & 1" METERS

Step #2 - Choose Your Adjustable Top

For Adjustable Top option change series from 790 to 795, 791, to 796, and 792 to 797

List Price Adders:

Description	15" Pit Diameter	18" Pit Diameter
795, 796, 797 Series adder	$223.32	$262.74

**Note: Minimum of 60" for adjustable*

Step #3 - Choose Your Bury Depth

Note: Contact the Factory for additional depth & diameter configurations

List Price Adders:

Height	Model # Slot 4	15" Pit Diameter 5/8", 5/8" x 3/4" & 3/4" Meter	18" Pit Diameter 5/8", 5/8" x 3/4" & 3/4" Meter	18" Pit Diameter 1" Meter	21" Pit Diameter 5/8", 5/8" x 3/4" & 3/4" Meter	21" Pit Diameter 1" Meter
30"	30	$ 0.00	$ 0.00	$ 0.00	$ 0.00	$ 0.00
36"	36	$34.05	$50.97	$50.97	$73.72	$73.72
42"	42	$68.14	$101.87	$101.87	$147.43	$147.43
48"	48	$102.18	$152.81	$152.81	$221.17	$221.17
54"	54	$136.25	$203.76	$203.76	$294.90	$294.90
*60"	60	$170.31	$254.72	$254.72	$368.63	$368.63
66"	66	$204.40	$305.61	$305.61	$442.30	$442.30
72"	72	$238.43	$356.56	$356.56	$516.04	$516.04
78"	78	$272.54	$407.49	$407.49	$589.77	$589.77
84"	84	$306.59	$458.43	$458.43	$663.51	$663.51
90"	90	$340.66	$509.37	$509.37	$737.22	$737.22
96"	96	$374.69	$560.32	$560.32	$810.95	$810.95

Step #4 - Choose Your Meter Valves

Note: add for each Valve added to Pit Setter AND subtract the Ball Valve if removed from Pit Setter

Single Set List Price Adders:

Meter Inlet & Outlet	Model # Slot 5 & 6	Model # Slot 15	5/8" & 5/8" x 3/4" Meter	3/4" Meter	1" Meter
Meter Nut	N		$ 0.00	$ 0.00	$ 0.00
Lockwing Plug Valve	G		$36.54	$36.54	$40.55
Lockwing Ball Valve	Q		$33.75	$33.75	$60.54
Lockwing Full Port Ball Valve	K		$50.53	$50.53	$79.07
Single Check	A		$21.03	$21.03	$56.81
Cascading Dual Check	F	X992	$29.28	$29.28	$29.78
Dual Check	F		$38.81	$38.81	$47.65
1" Port Angle Dual Check	P		N/A	N/A	$72.86

Step #5 - Choose Your Service Inlet & Outlet Connections

Note: A 74754 Female Adapter can be used to convert to other types of pipe on page 195

Price below is per side

List Price Adders:

Service Inlet & Outlet	Model # Slot 7 & 8	Model # Slot 10 & 11	5/8" & 5/8" x 3/4" Meter	3/4" Meter	1" Meter
3/4" Male Iron Pipe	P	3	$ 0.00	$ 0.00	N/A
1" Male Iron Pipe	P	4	Contact Factory	Contact Factory	$ 0.00

Step #6 - Add for Specials - ***Contact the Factory***

Coiled Pit Options Order Separately

Lid Selection Example

90L	15	CL	X800
90L / Diameter Lid Option			For Plastic Locking Lid

Flat Lid

90L	15	18	21	OPTIONS
Locking	$125.52	$128.52	$185.66	-
Center Locking	$94.92	$106.32	$152.23	CL
Non-Locking	$64.72	$74.84	$176.53	N
Non-Locking Offset Hole	$78.72	$88.86	$180.09	NT
Non-Locking Center Hole	$78.72	$88.86	$180.09	NTC
Locking Recessed 2" Hole	$112.48	$128.69	N/A	RG
Non-Locking Recessed 2" Hole	$96.89	$114.40	N/A	RGN
Locking Offset Hole	$129.09	$132.08	$189.22	T
Locking Center Hole	$129.09	$132.08	$189.22	TC

795 Series - Top Adjustable Coil Pit Assembly
95 Series - Top Adjustable Pit Retrofit Kit

A. Y. McDonald's 795 Series Top Adjustable coil Pit Assembly and 95 Series Top Adjustable Pit Retrofit kit is a design the industry has been waiting on for years. Constructed of robust roto-molded poly material with UV inhibitor, this **top** adjustable feature allows the installer to set the pit before the finish grade is determined, saving time and money. The top adjustment is designed for **18 inches of adjustability** to allow for the pit to be set to final grade when the time is right. If ground settling occurs, this simple design allows for easy adjustment many years after the pit was set in place without digging the entire depth of the pit.

The 95 Series Top Adjustable Pit Retrofit kit can be easily installed on top of any 15 inch or 18 inch diameter SDR-51 PVC pit that is already installed and is in need of adjustment.



95 Series - Adjustable Meter Pit Kit



795 Series

Adjustable Pit Retrofit Kits

Model	Description	Ctn Qty	Wt	List Price
95-15	Adjustable Meter Pit Kit 15"	1	26.25	$ 305.01
95-18	Adjustable Meter Pit Kit 18"	1	30.25	$ 358.83

90 Series - Flat Lids, Extensions, Insulting Cushion, Bottoms

Cast iron flat lids are designed to fit 15", 18" and 21" inside dimension tile sizes and are designed for lawn or sidewalk installations and come with a standard pentagon locking device.

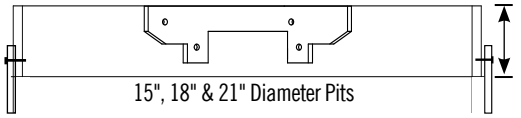


TOP COVERS ONLY

COVER & TILE SIZE	OPTIONS (Add To Model Number)											
	BASIC MODEL NO.	LARGE BOLT	NON-LOCKING	4 1/2" RECESSED PAD	OBLONG HOLE	OFFSET RIGHT SINGLE HOLE	DOUBLE HOLE	SINGLE CENTER HOLE	CAST IRON PLUG IN SINGLE HOLE	LOCKING	CENTER LOCKING	NO MARKING
15"	90L15◆	LB	N	R	G	T	TT	TC	P	Standard	CL	--
18"	90L18◆	LB	N	R	G	T	TT	TC	P	Standard	CL	NM
21"	90L21	LB	N	R	G	T	TT	TC	P	Standard	CL	--

◆Available with plastic lid add (X800) to model #.

90-EXT - Pit Extensions



90-EXT - Sizes

List Price		List Price		List Price	
Size	Price	Size	Price	Size	Price
15" x 03"	$36.78	18" x 03"	$42.90	21" x 03"	$48.73
15" x 06"	$55.64	18" x 06"	$68.82	21" x 06"	$80.14
15" x 09"	$74.52	18" x 09"	$94.73	21" x 09"	$111.56
15" x 12"	$93.40	18" x 12"	$120.62	21" x 12"	$142.99
15" x 18"	$131.15	18" x 18"	$172.45	21" x 18"	$205.82

90-C1 - One Piece Insulation Cushion

Insulating cushion sold separately 2" & 4"



90-C1 - Sizes

Size	Model	Price
15" x 2"	90-C1 15X2	$18.43
15" x 4"	90-C1 15X4	$34.91
18" x 2"	90-C1 18X2	$41.81
18" x 4"	90-C1 18X4	$55.61
21" x 2"	90-C1 21X2	$65.22
21" x 4"	90-C1 21X4	$96.03

90-ERT

Used on underside of plastic lids to hold electronic reader antenna $7.80



90-BOT - Aluminum Bottom

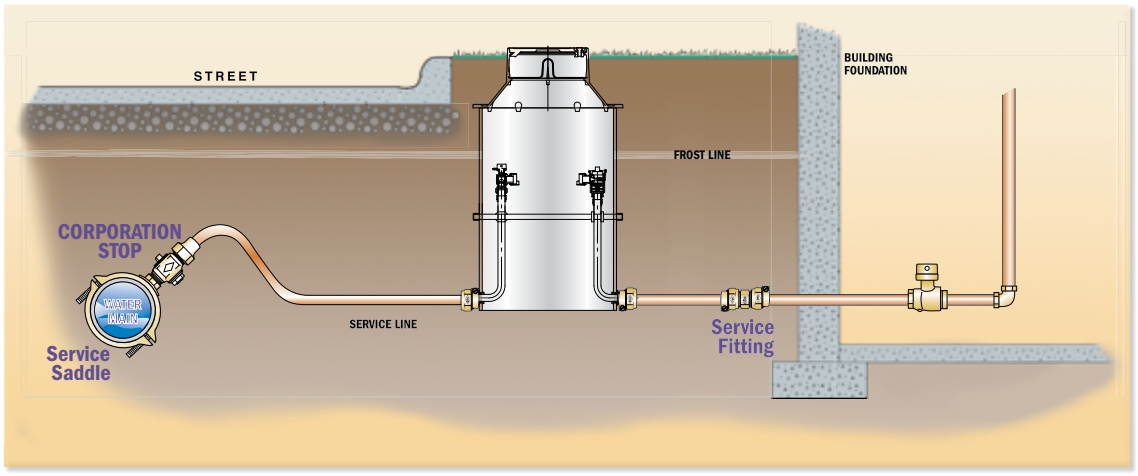
Aluminum bottom sold separately 15", 18", & 21"



Size	Model	Price
15"	90-BOT 15	$11.25
18"	90-BOT 18	$43.24
21"	90-BOT 21	$77.84

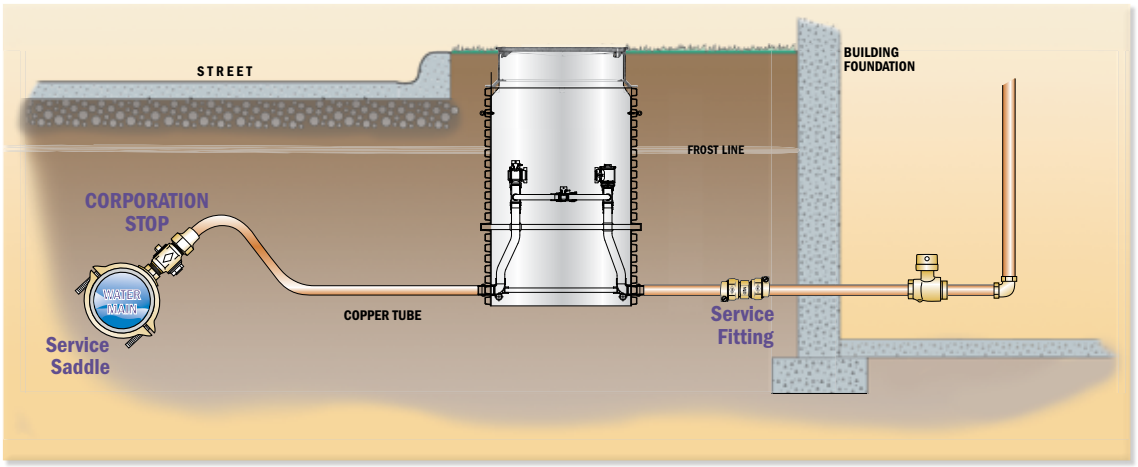
5/8", 5/8" x 3/4", 3/4" & 1" - Meter Installations

Meter must be below the frost line



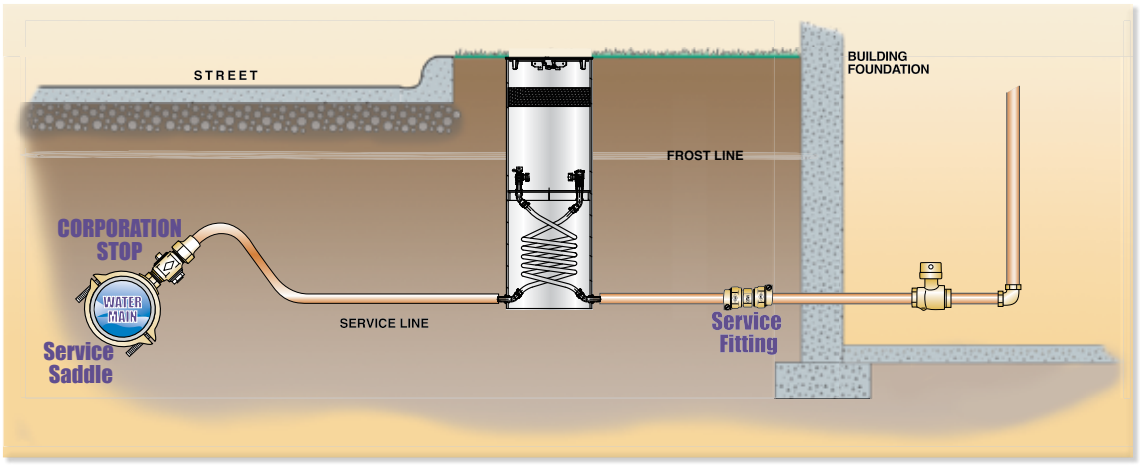
1 1/2" & 2" - Meter Installations

Meter must be below the frost line



Coiled Pit Installations

Meter must be below the frost line













THE CUSTOMER IS THE BOSS

EST. 1856

McDonald

Meter Box Frames & Covers

Water Works Catalog / Price List - April 2019

MORE THAN A BRAND. WE'RE A FAMILY.

74MA Series - Frames & Covers

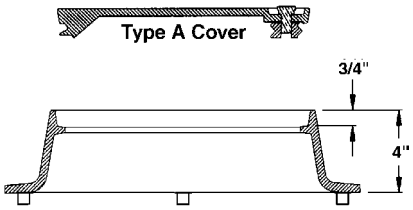
"A" STYLE



Standard "A"

Recessed Cover & Frame

Designed primarily for lawn and sidewalk installations.



Meter Box Cover

- Designed to rest on top of meter frames
- Contact factory for additional recessed pad and hole configurations
- Standard locking lid

Meter Box Frame

- Allows an 11 1/2" or 15" clear opening
- Centering lugs for 15", 18", 20", or 21" tiles

Standard "A" Style - Recessed Frame & Cover set

Model	Frame/ Tile Size	Cover Opening Size	EA/WT	Price
74M1A	15"	8"	23	$129.40
74M31A	15"	11 1/2"	30	$117.10
74M32A	18"	11 1/2"	35	$119.18
74M3A	20"	11 1/2"	36	$145.49
74M4A	21"	11 1/2"	42	$196.39
74M53A	20"	15"	46	$244.20

"A" Style - Frames Only

Model	EA/WT	Price
74MAF15X8	18	$86.75
74MAF15	20	$73.19
74MAF18	24.5	$75.26
74MAF20	25.5	$101.58
74MAF21	33	$152.48
74MAF20X15	27.5	$165.62

"A" Style - Covers Only

Model	EA/WT	Price
74MAL8	5	$42.65
74MAL115	9.5	$43.91
74MAL115	9.5	$43.91
74MAL115	9.5	$43.91
74MAL115	9.5	$43.91
74MAL15	18.5	$90.33



Spiked "AS"



Heavy Duty (H)

Spiked "AS" Style - Recessed Rrame & Cover Set

Model	Frame/ Tile Size	Cover Opening Size	EA/WT	Price
74M3AS	20"	11 1/2"	37	$214.27

Heavy Duty "A" - Style Recessed Frame & Cover Set

Model	Frame/ Tile Size	Cover Opening Size	EA/WT	Price
74H32A	18"	11 1/2"	62	$311.80

Spiked "AS" - Frame Only

Model	EA/WT	Price
74MASF20	25	$170.35

Spiked "AS" - Cover Only

Model	EA/WT	Price
74MAL115	10	$43.91

Heavy Duty "A" Frame Only

Model	EA/WT	Price
74HAF18	40	$202.16

Heavy Duty "A" Cover Only

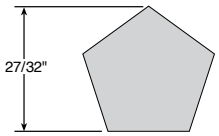
Model	EA/WT	Price
74MAL115H	22	$109.63

Options Available on "A" Type Cover

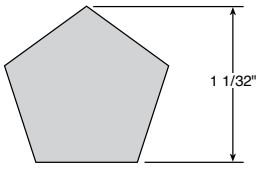
Options	74MAL8	74MAL115	74MAL15	74MAL115H	Plastic Lid	Add
LB - Large pentagon bolt	•	•	•	•	•	N/C
H - Heavy Duty		•				$55.95
RB - Large recessed oblong hole		•				$3.66
RG - Recessed oblong hole		•		•		$3.66
RRGG - Double recessed oblong hole		•				$7.31
T - 2" offset hole		•	•	•		$3.66
TT - Two 2" holes		•	•	•		$7.31
TC - 2" center hole		•	•	•	•	$3.66
RTC - Recessed center hole		•				$3.66
P - 2" hole plug		•	•	•		$6.86
PP - Two 2" hole plugs		•	•	•		$13.72
E - Non-locking hook		•				N/C
NL - No lock in lid	•	•	•			N/C
SW - Sewer Marking	•					N/C
NM - No marking	•					N/C
X800 - Plastic lid		•				N/C
WO - Water marking	•					N/C
R - Recessed Pad						$3.66

Pentagon Bolts

- Small water works pentagon bolt furnished as standard.
- Large pentagon bolt available ("LB" Option).



SMALL (Standard)



LARGE

74MC Series - Frames & Covers

"C" STYLE



Standard "C"

Non-Recessed Cover & Frame

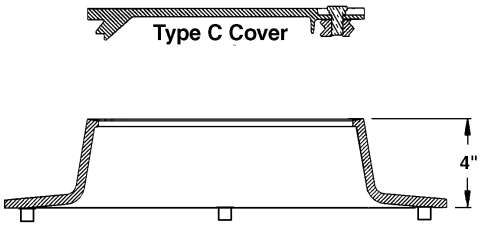
Designed primarily for lawn installations.

Meter Box Cover

- Designed to rest on top of meter frames
- Contact factory for additional recessed pad and hole configurations
- Standard locking lid

Meter Box Frame

- Allows an 11 1/2" or 15" clear opening
- Centering lugs for 15", 18", 20", or 21" tiles



Standard "C" Style
Non-Recessed Frame & Cover Set

Model	Frame/ Tile Size	Cover Opening Size	EA/WT	Price
74M31C	15"	11 1/2"	1/27	$103.77
74M32C	18"	11 1/2"	1/32	$108.21
74M3C	20"	11 1/2"	1/37	$136.65
74M4C	21"	11 1/2"	1/37	$201.72
74M52C	18"	15"	1/35	$176.97
74M53C	20"	15"	1/44	$210.40

"C" Style - Frames Only

Model	EA/WT	Price
74MCF15	1/17	$53.28
74MCF18	1/21	$57.72
74MCF20	1/25	$86.16
74MCF21	1/33	$151.23
74MCF18X15	1/19	$67.38
74MCF20X15	1/27	$100.81

"C" Style - Covers Only

Model	EA/WT	Price
74MCL115	1/10	$50.49
74MCL115	1/10	$50.49
74MCL115	1/10	$50.49
74MCL115	1/10	$50.49
74MCL15	1/17	$109.58
74MCL15	1/17	$ 111.82



Spiked "AC"

Standard "AC" Style - Recessed Frame & Cover Set

Model	Frame/ Tile Size	Cover Opening Size	EA/WT	Price
74M32AC	18"	11 1/2"	1/34	$149.63
74M3AC	20"	11 1/2"	1/34	$211.83

"AC" Style - Frames Only

Model	EA/WT	Price
74MACF18	1/24	$116.62
74MACF20	1/27	$149.71

"AC" Style - Covers Only

Model	EA/WT	Price
74MCL115	1/10	$50.49
74MCL115	1/10	$50.49

Options Available on "C" Type Cover

Options	74MCL115	74MCL15	Plastic Lid	Add
LB - Large pentagon bolt	•	•	•	N/C
RB - Large recessed oblong hole	•			$3.66
RG - Recessed oblong hole	•			$3.66
RRTT - Double recessed hole	•			$7.31
T - 2" offset hole	•	•		$3.66
TT - Two 2" holes	•	•		$7.31
TC - 2" center hole	•			$3.66
RTC - Recessed center hole	•		•	$3.66
P - 2" hole plug	•	•		$6.86
PP - Two 2" hole plugs	•	•		$13.72
E - Non-locking hook	•			N/C
NL - No lock in lid	•			N/C
SW - Sewer Marking	•			N/C
X800 - Plastic lid	•			N/C
R - Recessed Pad				$3.66

74MW Series - Frames & Covers

"W" STYLE



"W" Style

Recessed Cover, Cast Iron Frame with Plastic Inner Lid

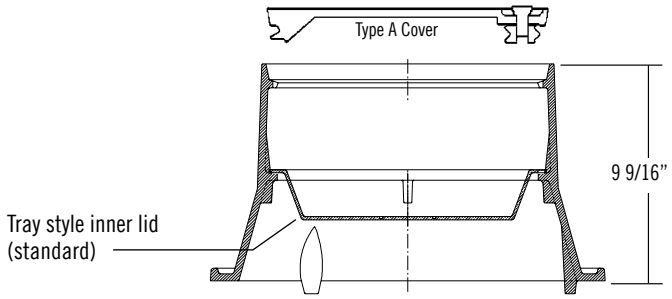
"W" style frame and cover is designed for lawn or sidewalk installations and come with a standard pentagon locking lid. This design also comes standard with a plastic inner lid that creates a "dead air" space for greater frost protection.

Meter Box Cover

- Designed to fit into meter box frames
- Plastic inner lid is provided as standard
- Standard locking lid
- Contact factory for additional recessed pad and hole configurations

Meter Box Frame

- Allows an 11 7/16" clear opening
- Centering lugs for 18", 20",or 21" tiles
- Slotted to pass inner lid
- One-piece frame



"W" Style Recessed Covers with Plastic Inner Lid, Riser and Frame Set

Model	Frame/ Tile Size	Cover Opening Size	EA/WT	Price
74M3W	20"	11 1/2"	1/75	$240.56
74M4W	21"	11 1/2"	1/78	$299.64

"W" Style - Frames Only

Model	EA/WT	Price
74MWF20	1/49	$196.65
74MWF21	1/65	$255.72

"W" Style - A Covers Only

Model	EA/WT	Price
74MAL115	1/10	$43.91
74MAL115	1/10	$43.91

Inner Lids Below Purchase Separately

Plastic Inner Lid - Tray Style (standard)

Model	EA/WT	Price
74MPILT	1/2	$8.62

Plastic Inner Lid

Model	EA/WT	Price
74MPIL	1/1	$8.17

Aluminum Inner Lid

Model	EA/WT	Price
74MAIL	1/2	$51.17

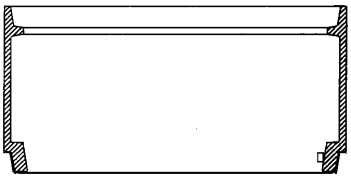
Options Available on "W" Type Cover

Options	74MAL115	74MAL115H	Plastic Lid	Add
LB - Large pentagon bolt	•	•	•	N/C
H - Heavy Duty	•			$55.95
RB - Large recessed oblong hole	•			$3.66
RG - Recessed oblong hole	•	•		$3.66
RRGG - Double recessed oblong hole	•			$7.31
T - 2" offset hole	•	•		$3.66
TT - Two 2" holes	•	•		$7.31
TC - 2" center hole	•	•	•	$3.66
RTC - Recessed center hole	•			$3.66
P - 2" hole plug	•	•		$6.86
PP - Two 2" hole plugs	•	•		$13.72
E - Non-locking hook	•			N/C
NL - No lock in lid	•	•		N/C
X800 - Plastic lid	•			N/C

Riser Ring

For "A" or "W" Frames

Model	EA/WT	Price
74MWR	1/18	$119.63



5½" Optional Riser Ring for A or W Frame
74MWR - Uses 11½" Cover

74MX Series - Frames & Covers

"X" STYLE



"X" Style

Hinged Frame with Non-Recessed Cover

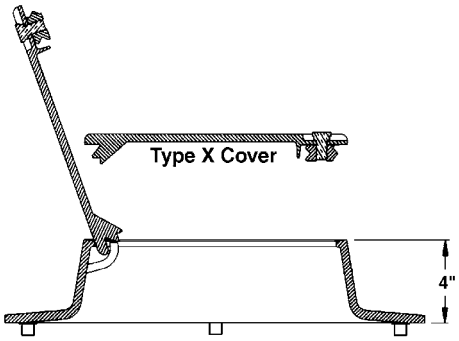
Designed for lawn or sidewalk installations and comes with a standard pentagon locking lid. Frame has an integral support bracket to hold cover in an open position.

Meter Box Cover

- Designed to rest on top of meter box frames
- Standard locking lid

Meter Box Frame

- Allows an 11 1/2" or 13 1/2" clear opening
- Centering lugs for 18" and 20" tiles



"X" Style Non-Recessed Covers with Hinged Frame

Model	Frame/ Tile Size	Cover Opening Size	EA/WT	Price
74M32X	18"	11 1/2"	1/30	$112.70
74M43X	20"	13 1/2"	1/44	$180.60

"X" Style - Frames Only

Model	EA/WT	Price
74MXF18	1/22	$55.80
74MXF20X135	1/28	$96.65

"X" Style - Covers Only

Model	EA/WT	Price
74MXL115	1/11	$56.90
74MXL135	1/18	$83.96

Options Available on "X" Type Cover

Options	74MXL115	74MXL135	Add
LB - Large pentagon bolt	•	•	N/C
RB - Large recessed oblong hole	•		$3.66
RG - Recessed oblong hole	•	•	$3.66
T - 2" offset hole	•	•	$3.66
TT - Two 2" holes	•	•	$7.31
TC - 2" center hole	•	•	$3.66
RTC - Recessed center hole			$3.66
P - 2" hole plug	•	•	$6.86
PP - Two 2" hole plugs	•	•	$13.72
NL - No lock in lid	•	•	N/C

74M Series - Frames & Covers

MONITOR STYLE



74M36 Assembly-Flange, Riser-Ring, Cover

Monitor Cover, Riser Ring, & Flange for 24", 27", 30", & 36" Diameter Pits

Monitor assembly provides 20" clear opening access to meter pit and a standard pentagon locking lid. Optional cast iron inner lid and extra heavy cover available upon request.

Meter Box Cover

- Designed to recess into top of riser ring
- Contact factory for additional recessed pad and hole configurations

Meter Box Riser Ring

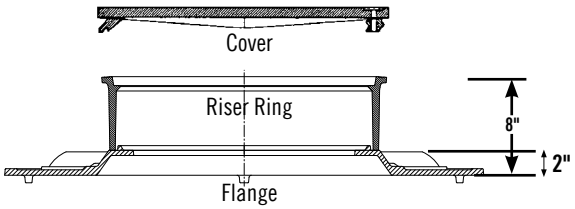
- Provides 20" opening to meter settings 6" height

Meter Box Flange

- Available for 24", 27", 30", or 36" Inside Diameter tile

Monitor Style Cover, Riser, & Flange

Model	Frame/ Tile Size	Cover Opening Size	EA/WT	Price
74M24	24"	20"	1/125	$550.11
74M27	27"	20"	1/130	$603.88
74M30	30"	20"	1/146	$665.35
74M36	36"	20"	1/205	$989.83



Flange Only

Model	Frame/ Tile Size	EA/WT	Price
74MF1000	24"	1/34	$142.24
74MF1005	27"	1/55	$196.12
74MF1010	30"	1/66	$257.48
74MF1020	36"	1/116	$583.91

Riser Only

Model	EA/WT	Price
74MR1000	1/34	$232.73
74MR1000	1/34	$232.73
74MR1000	1/34	$232.73
74MR1000	1/34	$232.73

Monitor Cover Only

Model	EA/WT	Price
74ML20	1/43	$175.15
74ML20	1/43	$175.15
74ML20	1/43	$175.15
74ML20	1/43	$175.15

Options Available with Monitor Type Cover

Options	74ML20	74ML20H	74ML20HH	Plastic Lid	Add
LB - Large pentagon bolt	•	•	•	•	N/C
H - Heavy Duty	•				$127.89
HH - Extra Heavy	•				$161.95
RG - Recessed oblong hole	•				$38.20
T - 2" offset hole	•	•	•		$38.20
TT - Two 2" holes	•				$44.16
RT - Recessed offset hole	•				$38.20
P - 2" hole plug	•			•	$6.86
PP - Two 2" hole plugs	•				$13.72
NL - No lock in lid	•	•	•		N/C
SW - Sewer Marking	•				N/C
X800 - Plastic lid	•				N/C
R - Recessed Pad					

Cast Iron Inner Lid - 74MIL
IL - Cast iron inner lid added to frame and cover $122.86 or sold seperate $122.86

74MPR Series - Frames & Covers

"PR" STYLE





Frame



Cover

Round Pit Ring & Cover

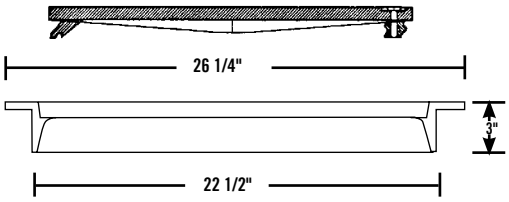
Pit ring (26" diameter) and cover (20" diameter) are designed to be set into concrete and comes with a standard pentagon locking lid. Optional extra heavy covers are available for use with light traffic.

Meter Box Cover

- Extra-heavy covers and double extra-heavy covers are available to use with light traffic
- Standard locking lid
- Contact factory for additional recessed pad and hole configurations

Meter Box Ring

- Round pit ring is made up of a 26" flanged ring and a 20" cover



"PR" Style - Pipe Ring & Cover Set

Model	Frame/ Tile Size	Cover Opening Size	EA/WT	Price
74MPR10	26"	20"	1/79	$364.23
74MPR11	26"	20"	1/110	$492.18
74MPR12	26"	20"	1/112	$526.19

"PR" Style - Flange Only

Model	EA/WT	Price
74MR1010	1/37	$189.08
74MR1010	1/37	$189.08
74MR1010	1/37	$189.08

"PR" Style - Monitor Cover Only

Model	EA/WT	Price
74ML20	1/43	$175.15
74ML20H	1/75	$303.04
74ML20HH	1/75	$337.09

Options Available on "P" Type Cover

Options	74ML20	74ML20H	74ML20HH	Plastic Lid	Add
LB - Large pentagon bolt	•	•	•	•	N/C
H - Heavy Duty	•				$127.89
HH - Extra Heavy	•				$161.95
RG - Recessed oblong hole	•				$38.20
T - 2" offset hole	•	•	•		$38.20
TT - Two 2" holes	•				$44.16
RT - Recessed offset hole	•				$38.20
P - 2" hole plug	•			•	$6.86
PP - Two 2" hole plugs	•				$13.72
NL - No lock in lid	•	•	•		N/C
SW - Sewer Marking	•				N/C
X800 - Plastic lid	•				N/C

74R Series - Frames & Covers

"R" STYLE



74R32A Assembly

Rotational Covers & Frames

Adjustable frame allows up to a maximum 6½" change in grade and comes with a standard pentagon locking lid. Frames are available to fit both 18" and 20" inside dimension tile sizes. Model numbers designated with "AC" accept both "A" and "C" style covers.

Meter Box Cover

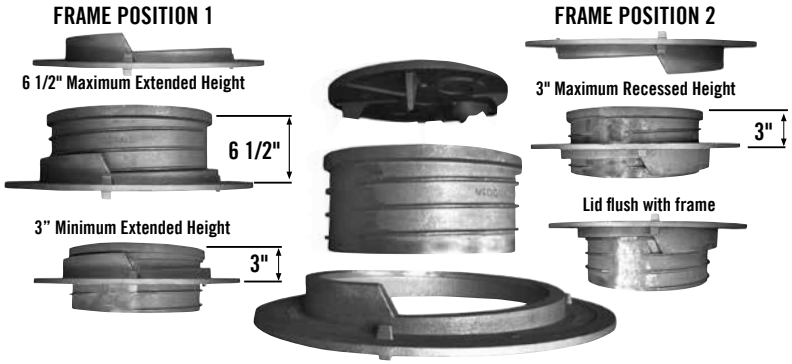
- Designed to recess into top of riser ring
- Contact factory for additional recessed pad and hole configurations

Meter Box Riser Ring

- Provides 11 1/2" opening to meter settings
- In combination with flange adjusts from flush to 6 1/2"

Meter Box Flange

- Available for 18" and 20" tile Inside Diameter (I.D.) size



"R" Style - Frame & Cover Set

Model	Frame/ Tile Size	Cover Opening Size	EA/WT	Price
74R32A	18"	11 1/2"	1/55	$235.75
74R32AC	18"	11 1/2"	1/53	$242.32
74R3A	20"	11 1/2"	1/63	$308.76
74R3AC	20"	11 1/2"	1/59	$315.34

"R" Style - Frames Only

Model	EA/WT	Price
74RF18	1/25	$86.30
74RF18	1/25	$86.30
74RF20	1/32	$153.88
74RF20	1/32	$153.88

"R" Style - Adjustable Riser Only

Model	EA/WT	Price
74RACMR	1/20	$89.10
74RACMR	1/20	$89.10
74RACMR	1/20	$89.10
74RACMR	1/20	$89.10

"R" Style - Covers Only

Model	EA/WT	Price
74MAL115	1/10	$43.91
74MCL115	1/10	$50.49
74MAL115	1/10	$43.91
74MCL115	1/10	$50.49

Options Available on "R" Type Cover

Options	74MAL115	74MCL115	A-Plastic Lid	C-Plastic Lid	Add
LB - Large pentagon bolt	•	•	•	•	N/C
H - Heavy Duty	•				$55.95
RB - Large recessed oblong hole	•	•			$3.66
RG - Recessed oblong hole	•	•			$3.66
RRGG - Double recessed oblong hole	•	•			$7.31
RRTT - Double recessed hole		•			$7.46
T - 2" offset hole	•	•			$3.66
TT - Two 2" holes	•	•			$7.31
TC - 2" center hole	•	•	•	•	$3.66
RTC - Recessed center hole	•	•			$3.66
P - 2" hole plug	•	•			$6.86
PP - Two 2" hole plugs	•	•			$13.72
E - Non-locking hook	•	•			N/C
NL - No lock in lid	•	•			N/C
SW - Sewer Marking		•			N/C
X800 - Plastic lid	•	•			N/C

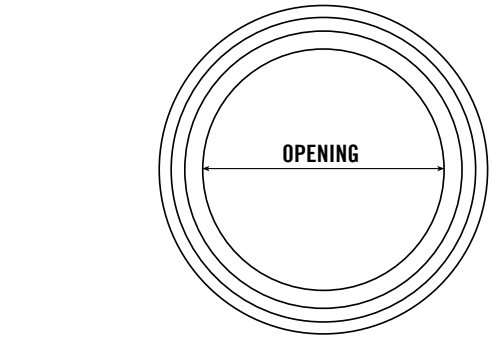
Extension Rings

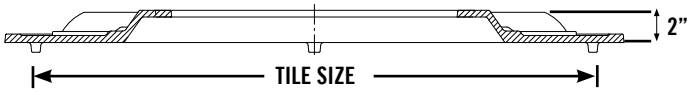
REDUCING FLANGE FOR LARGE SETTINGS

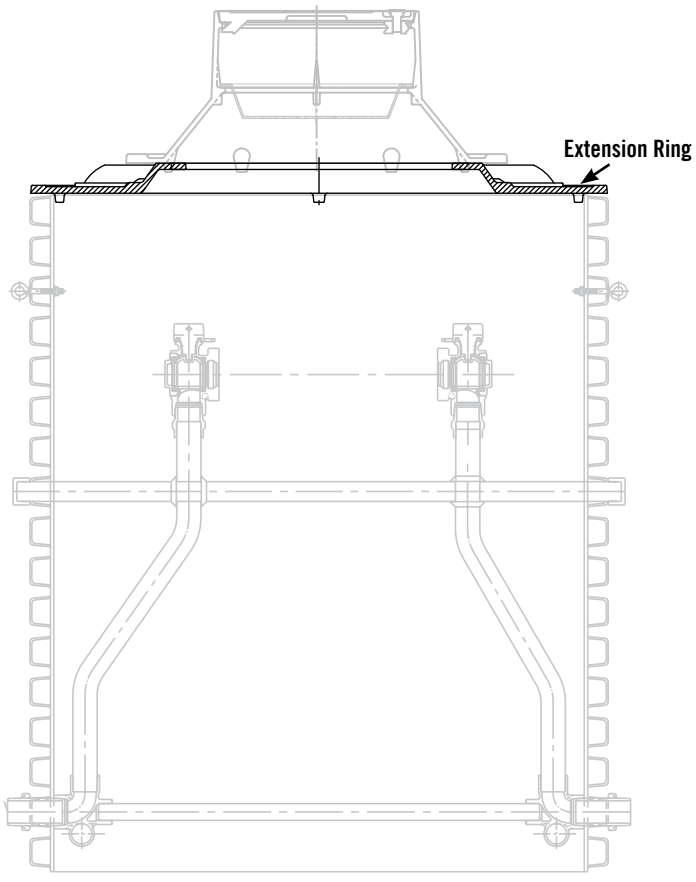


74MX6 shown

Extension rings adapt 24", 30", and 36" tile Inside Diameter (I.D.) sizes to an 18" or 20" opening.







Extension Rings

Model	Opening	Tile Size	EA/WT	Price
74MX1	18”	24”		$142.98
74MX2	20”	24”		$142.98
74MX3	18”	30”		$250.33
74MX4	20”	30”		$250.33
74MX5	20”	36”		$579.53
74MX6	18”	36”		$579.53

NOTES

- 24” Ring does not include support ribs

90L Series

FLAT LIDS

These flat lids are designed to fit 15", 18", and 21" inside dimension tile sizes and are designed for lawn or sidewalk installations and come with a standard pentagon locking device.



"X800" Plastic

Flat Lid Only

Model	Tile Size	EA/WT	Price
90L15	15"	1/20	$125.52
90L18	18"	1/27	$128.52
90L21	21"	1/36	$185.66

Options for Flat Lid

Options	90L15	90L18	90L21	Plastic Lid	Add
LB - Large pentagon bolt	•	•	•	•	N/C
RG - Recessed oblong hole	•	•	•		$3.66
T - 2" offset hole	•	•	•		$3.66
TT - Two 2" holes	•	•	•		$7.31
TC - 2" center hole	•	•	•	•	$3.66
P - 2" hole plug	•	•			$6.86
PP - Two 2" hole plugs	•	•	•		$13.72
NL - No lock in lid		•			N/C
NM - No marking		•			N/C
X800 - Plastic lid	•	•			N/C
CL - Center locking	•	•	•		N/C



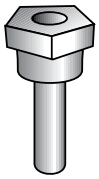
791 Series



7180 Series

Accessories

Worm Gear Lock Assemblies



74MSBA - Small Bolt (standard) assembly
74MLBA - Large Bolt assembly

Pentagon bolt
74MSB - Small Bolt (standard)
74MLB - Large Bolt



74MPW - Plastic washer



74MCW - Copper washer



74MG - Worm gear

74MSBA
Small Bolt & Gear Assembly

Carton PCS/WT	Price
10/4	$14.67

74MLBA
Large Bolt & Gear Assembly

Carton PCS/WT	Price
10/1	$14.67

74MSB
Small Pentagon Bolt

Carton PCS/WT	Price
1/0	$6.43

74MLB
Large Pentagon Bolt

Carton PCS/WT	Price
1/0	$6.44

74MPW
Plastic Washer

Carton PCS/WT	Price
1/0	$0.32

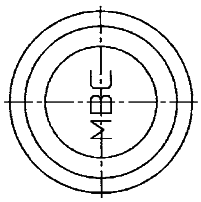
74MCW
Copper Washer

Carton PCS/WT	Price
1/0	$0.79

74MG
Worm Gear

Carton PCS/WT	Price
10/2	$7.02

2" Hole Plugs



74MCIPL -
Cast iron plug with cotter pin

74MCIPL
Cast Iron Plug w/Cotter Pin

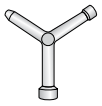
Size	Carton PCS/WT	Price
1 3/4"	1/1	$6.86

74MPPL
Plastic Plug and Nut



Size	Carton PCS/WT	Price
2"	10/3	$18.65

74MKEY
Meter Box Key #2



Carton PCS/WT	Price
1/1	$35.75

74PN
Cotter Pin Only - Zinc



Carton PCS/WT	Price
50/1	$2.14

74PNB
Cotter Pin Only - Brass



Carton PCS/WT	Price
50/1	$2.39

Recessed Pad Gasket

74MGSKT
Fits 4 1/2" recessed pad to cover oblong hole when required.

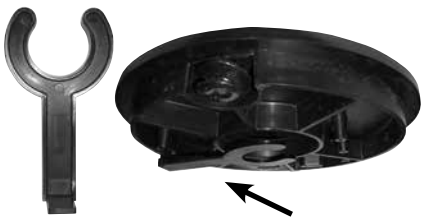


Carton PCS/WT	Price
10/1	$21.02

90-ERT Bracket

Mounting bracket for ERT (Encoder Receiver Transmitter) For plastic lid.

Carton PCS/WT	Price
1/1	$7.80



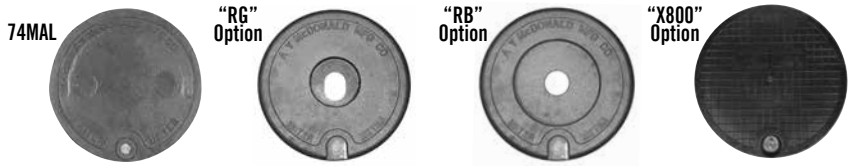
ERT Mount Bracket

Cover Options

74M SERIES



74MA SERIES



74MC SERIES



74MPR SERIES



74MW SERIES



74MX SERIES



74R SERIES



90L SERIES













THE CUSTOMER IS THE BOSS

EST. 1856

McDonald

Iron Yokes

Water Works Catalog / Price List - April 2019

MORE THAN A BRAND. **WE'RE A FAMILY.**

Yoke Bars







Standard

Model	Meter Size	Carton PCS/WT	Price
14-1	5/8"	10/40	$19.24
14-2	5/8" x 3/4"	10/41	$20.13
14-3	3/4"	10/46	$22.93
14-4	1"	5/39	$36.31

Pronged

Model	Meter Size	Carton PCS/WT	Price
14-1P	5/8"	10/43	$20.88
14-2P	5/8" x 3/4"	10/43	$21.60
14-3P	3/4"	10/47	$24.79
14-4P*	1"	5/31	$37.81

*Single Pronge

With Integral FNPT Outlet

Model	Meter Size	Carton PCS/WT	Price
14-1F	5/8"	10/42	$25.78
14-2F	5/8" x 3/4"	10/42	$25.92

14-2-2TB

Dual Yoke Assembly with Tie Bar

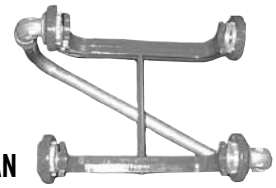


Size	Carton PCS/WT	Price
5/8" x 3/4"	3/24	$71.23



Optional

Model	Meter Size	Carton PCS/WT	Price
14-1R	5/8"	10/40	$22.01
14-2R	5/8" x 3/4"	10/41	$23.03
14-3R	3/4"	10/46	$26.23
14-4R	1"	5/39	$41.53

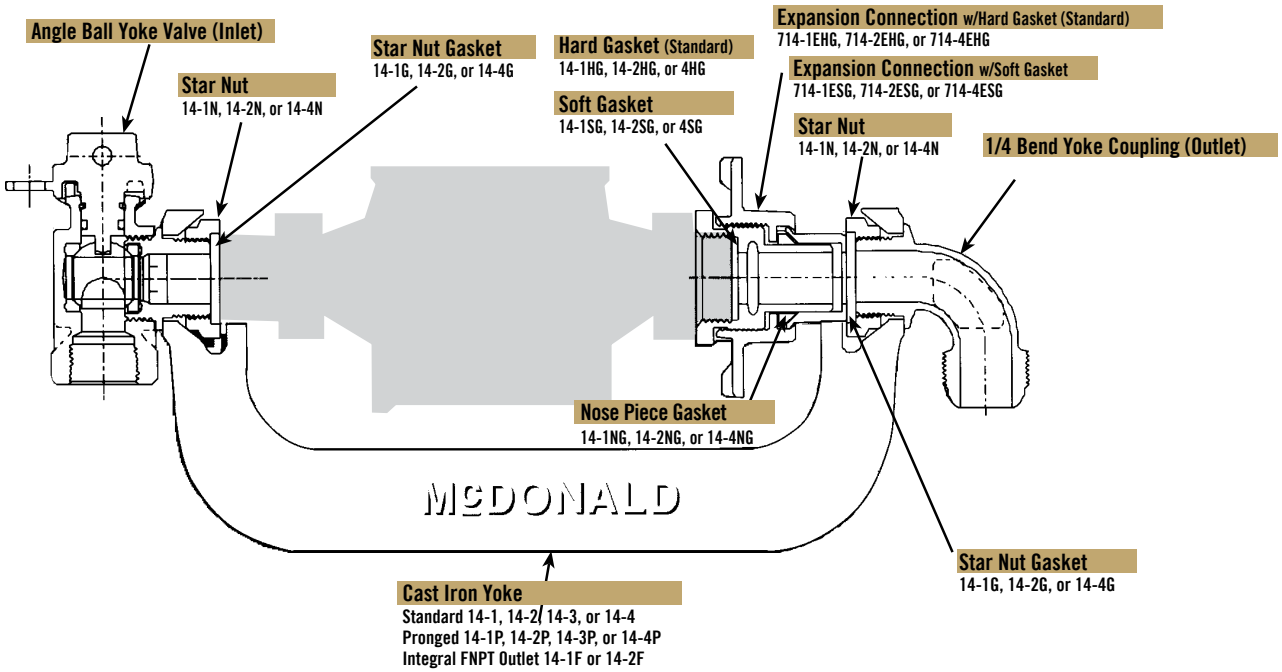


714-1-1TAN

Tandem Yoke Assembly w/Tie Bar

Size	Carton PCS/WT	Price
5/8" x 7.50	4/24	$180.40
5/8" x 6.50	4/24	$180.40

A.Y. McDonald offers a complete line of yoke assemblies and packages. Contact factory for assistance.



NOTES

- All cast brass parts comply with latest revision of AWWA C800.
- Yoke bar material is ASTM A126 Class B cast iron.
- All rubber gaskets are EPDM.
- Ball valves are rated at 300 PSIG water pressure - (See Meter Valve section).
- Plug valves are rated at 100 PSIG water pressure - (See Meter Valve section).
- Optional is powder coated.
- Cast iron yoke has support lip to hold meter and expander during installation.
- Three piece brass expander has large tightening spokes and includes two star nut gaskets.

Expansion Connection

HAND WHEEL STYLE



Expander with Hard Meter Gaskets

Model	Meter Size	Price
714-1EHG	5/8”	$31.61
714-2EHG	5/8” x 3/4” or 3/4”	$35.83
714-4EHG	1”	$60.18

Includes 2 star nut meter gaskets

Expander with Soft Meter Gaskets

Model	Meter Size	Price
714-1ESG	5/8”	$31.61
714-2ESG	5/8” x 3/4” or 3/4”	$35.83
714-4ESG	1”	$60.18

Includes 2 star nut gaskets

WRENCH STYLE



Expander with Hard Meter Gaskets

Model	Meter Size	Price
714-1WEHG	5/8”	$31.61
714-2WEHG	5/8” x 3/4” or 3/4”	$35.83
714-4WEHG	1”	$60.18

Includes 2 star nut meter gaskets

CHECK VALVE & LOCK VERSIONS

5/8” Meter

714-1EDC
Yoke Expander with Dual Check

Size	Carton PCS/WT	Price
5/8”	20/14	$61.14

714-1E--LCK
Yoke Expander with Lock

Size	Carton PCS/WT	Price
5/8”	20/15	$60.77

714-1EDCLCK
Yoke Expander w/Dual Check and Lock

Size	Carton PCS/WT	Price
5/8”	20/30	$90.30

5/8” x 3/4” & 3/4” Meter

714-2EDC
Yoke Expander with Dual Check

Size	Carton PCS/WT	Price
5/8” x 3/4” or 3/4”	20/21	$65.36

714-2E--LCK
Yoke Expander with Lock

Size	Carton PCS/WT	Price
5/8” x 3/4” or 3/4”	20/22	$68.92

714-2EDCLCK
Yoke Expander w/Dual Check and Lock

Size	Carton PCS/WT	Price
5/8” x 3/4” or 3/4”	20/22	$98.45

1” Meter

714-4ESC
Yoke Expander with Single Check

Size	Carton PCS/WT	Price
1”	18/33	$94.16

714-4E--LCK
Yoke Expander with Lock

Size	Carton PCS/WT	Price
1”	18/33	$104.35

714-4ESCLCK
Yoke Expander w/Single Check and Lock

Size	Carton PCS/WT	Price
1”	18/33	$138.35

714U Yoke Expander

A.Y. McDonald Mfg. Series 714U Style UFR Yoke Expansion Connection is an innovative design that allows low volumes of water usage (previously unmeasured by the water meter) to be measured simply by batching the usage. Studies show that 5% to 10% of total water consumption is lost due to low, unmeasured flows.

FOR 5/8" X 3/4" & 3/4" WATER METERS

- Cast brass housing construction conforms to AWWA C-800 (latest revision)
- Self-cleaning internal components
- Includes two star nut gaskets
- For use with Volumetric (Positive Displacement) & Multi-Jet meters
- Designed to be installed inlet of the meter
- UFR is directional



How to Order

Order Model 714U2E X950

714	U	2	E		X950
Basic UFR Valve Model Number		Meter Size	Inlet &Outlet Connection	Space	UFR Type

714U = UFR Yoke Expander

2 = 5/8" x 3/4" or 3/4"

E = Yoke Expander - All Iron Yoke & Non-Ball Valve Yokes Boxes

EYBV = Yoke Expander - Only for Yoke Box and Long Yoke box with Ball Valve Inlet

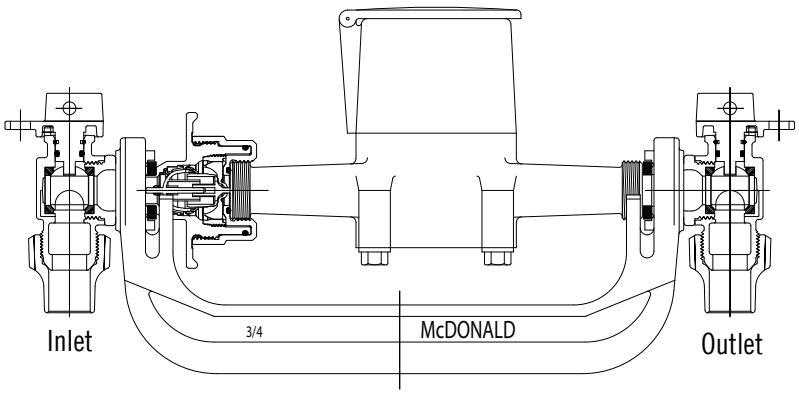
X950 = Volumetric (Positive Displacement Meter) Meter with Backflow Prevention

X951 = Volumetric (Positive Displacement Meter) Meter No Backflow Prevention (NCV)

X960 = Multi-Jet Meter with Backflow Prevention

X961 = Multi-Jet Meter No Backflow Prevention (NCV)

Contact factory with name of meter, manufacturer, and model number for assistance in determining appropriate UFR or see table on the following page.



714U2E

Expansion Connections

Size	Carton PCS/WT	Price
X950	10/15	$171.17
X951	10/15	$181.23
X960	10/15	$171.17
X961	10/15	$181.23

714U2EYBV

Expansion Connections - Yoke Ball Valve only

Size	Carton PCS/WT	Price
X950	10/15	$171.17
X951	10/15	$181.23
X960	10/15	$171.17
X961	10/16	$181.23

714U Yoke Expander

Meter Manufacturer	Model(s)	Measurement Element	Meter Type	→	UFR Type	UFR Marking	No Check UFR Marking
Neptune	T10	Nutating Disc	Volumetric Displacement Positive Displacement (PD)	→	Volumetric	UFR - V	UFR - V - NCV
Badger	25 - 35						
Hersey	400 Series - II's						
Sensus / Rockwell	SR - SRII	Oscillating Piston					
Elster / Kent Amco	C700						
Master Meter	MMPD						
Master Meter	BLMJ - MMMJ	Multi-Jet	Velocity	→	Multi-Jet	UFR - M2	UFR - M2 - NCV
Sensus	PMM						
Elster Amco	M140 (MO-C)						
Hays	MR - MT						
Precision	PM - PMM						
Sensus	iPERL	Magnetic	Solid State	→	N/A	N/A	N/A
Badger	E-Series	Ultrasonic					
Elster	SM-700	Fluidic Oscilation					
Actaris		Single Jet	Velocity		Contact Factory	Contact Factory	Contact Factory
	MC15 - MC20	Multi-Jet	Velocity		Contact Factory	Contact Factory	Contact Factory
	MSD - TNII	(not sold in US)	Velocity		Contact Factory	Contact Factory	Contact Factory

Meter shall comply with the AWWA C700-90 accuracy requirements as specified in section 3.8 of the standard.

714U2EYBV X950
For Ball Valve Yoke Box Expander with UFR
For Volumetric/PD Meter with Check Valve

Size	Carton PCS/WT	Price
5/8" x 3/4" or 3/4"	10/15	$171.17

714U2EYBV X961
For Ball Valve Yoke Box Expander with UFR
For Multi-Jet Meter less Check Valve

Size	Carton PCS/WT	Price
5/8" x 3/4" or 3/4"	10/16	$181.23

714U2E X960
For Plug Valve Yoke Box Expander with UFR
For Multi-Jet Meter with Check Valve

Size	Carton PCS/WT	Price
5/8" x 3/4" or 3/4"	10/15	$171.17

714U2EYBV X951
For Ball Valve Yoke Box Expander with UFR
For Volumetric/PD Meter less Check Valve

Size	Carton PCS/WT	Price
5/8" x 3/4" or 3/4"	10/15	$181.23

714U2E X950
For Plug Valve Yoke Box Expander with UFR
For Volumetric/PD Meter with Check Valve

Size	Carton PCS/WT	Price
5/8" x 3/4" or 3/4"	10/15	$171.17

714U2E X961
For Plug Valve Yoke Box Expander with UFR
For Multi-Jet Meter less Check Valve

Size	Carton PCS/WT	Price
5/8" x 3/4" or 3/4"	10/15	$181.23

714U2EYBV X960
For Ball Valve Yoke Box Expander with UFR
For Multi-Jet Meter with Check Valve

Size	Carton PCS/WT	Price
5/8" x 3/4" or 3/4"	10/15	$171.17

714U2E X951
For Plug Valve Yoke Box Expander with UFR
For Volumetric/PD Meter less Check Valve

Size	Carton PCS/WT	Price
5/8" x 3/4" or 3/4"	10/15	$181.23

UFR For Iron Yoke

SINGLE INLINE CARTRIDGE STYLE

7201C3YE
Star Nut x FNPT

Size	Carton PCS/WT	Price
331	10/10	$160.77
331 x 001	10/10	$170.86
332	10/10	$160.77
332 x 001	10/10	$170.86

7201C3Y2
Star Nut x -22 CTS

Size	Carton PCS/WT	Price
331	10/10	$179.07
331 x 001	10/10	$189.13
332	10/10	$179.07
332 x 001	10/10	$189.13

SINGLE ANGLE CARTRIDGE STYLE

7202-3YE
Star Nut x FNPT Angle UFRs

Size	Carton PCS/WT	Price
231	12/20	$172.10
231 x 001	12/20	$182.18
232	12/20	$172.10
232 x 001	12/20	$182.18
331	12/19	$172.10
331 x 001	12/20	$182.18
332	12/20	$172.10
332 x 001	12/20	$182.18

7202-3Y2
Star Nut x 22 CTS

Size	Carton PCS/WT	Price
231	12/22	$186.74
231 x 001	12/22	$196.81
232	12/22	$186.74
232 x 001	12/22	$196.81
331	12/22	$186.74
331 x 001	12/22	$196.81
332	12/22	$186.74
332 x 001	12/22	$196.81

7202-3YV
Star Nut x Q CTS

Size	Carton PCS/WT	Price
331	12/22	$186.74

- For Test Port/Drain in Cap Add $ 18.60 to list price and replace "-" in model number with "W".

DUAL INLINE CARTRIDGE STYLE

7211-3YF
Star Nut x FNPT

Size	Carton PCS/WT	Price
331	1/2	$226.24
332	1/2	$226.24

7211-3YC
Star Nut x -22 CTS

Size	Carton PCS/WT	Price
331	1/3	$230.86
332	1/3	$230.86

INLINE ACCESSIBLE DUAL CHECK

7214-3YE
Star Nut x FNPT

Size	Carton PCS/WT	Price
231	12/31	$229.93
232	12/31	$229.93
331	12/29	$229.93
332	12/29	$229.93

3	3	1	
Thread Size	Sizes - Outlet Connection	Meter Type	Backflow Prevention

1 = 1/2"
2 = 5/8"
3 = 3/4"

X001 - Without Backflow Prevention

For Iron Yokes use the following designation

METER SIZE	THREAD SIZE	THREAD DESIGNATION
5/8"	-	2
5/8" x 3/4"	-	3
3/4"	-	3
1"	-	4

1 - Volumetric Meter (V) Positive Displacement

2 - Multi-Jet Meter (M2) Contact factory with name of meter, manufacturer, and model number for assistance in determining appropriate UFR or see table on the following page.

UFR For Iron Yoke

ANGLE DUAL STYLE

7212-3Y2

Star Nut x -22 CTS

Size	Carton PCS/WT	Price
231	6/14	$259.95
232	6/14	$259.95
331	6/14	$259.95
332	6/14	$259.95

7212-3YR

Star Nut x Copper Flare

Size	Carton PCS/WT	Price
231	6/13	$258.57
232	6/13	$258.57
331	6/14	$258.57
332	6/14	$258.57

7212-3YU

Star Nut x G CTS

Size	Carton PCS/WT	Price
231	6/13	$259.95
232	6/13	$259.95
331	6/13	$259.95
332	6/13	$259.95

7212-3YT

Star Nut x T CTS

Size	Carton PCS/WT	Price
231	6/13	$259.95
232	6/14	$259.95
331	6/17	$259.95
332	6/17	$259.95

7212-3YQ

Star Nut x Q CTS

Size	Carton PCS/WT	Price
231	6/15	$259.95
232	6/15	$259.95
331	6/14	$259.95
332	6/14	$259.95

7212-3YE

Star Nut x FNPT

Size	Carton PCS/WT	Price
231	6/15	$234.19
232	6/15	$234.19
331	6/11	$234.19
332	6/15	$234.19

- For Test Port/Drain in Cap Add $ 18.60 to list price and replace "-" in model number with "W".

Wrenches



Star Nut Wrenches

Model	Meter Size	Carton PCS/WT	Price
14-2SNW	5/8", 5/8" x 3/4" or 3/4"	5/2	$6.98
14-4SNW	1"	5/2	$6.98



Expander Wrenches

Model	Meter Size	Carton PCS/WT	Price
14-1EW	5/8"	5/5	$15.38
14-2EW	5/8" x 3/4" or 3/4"	5/5	$16.93



Expander Wrench

Model	Meter Size	Carton PCS/WT	Price
14-4EW	1"	5/7	$24.87

Star Nuts & Gaskets



Expander Fiber Gasket - Hard

Model	Meter Size	Carton PCS/WT	Price
14-1HG	5/8"	25/1	$1.79
14-2HG	5/8" x 3/4" or 3/4"	25/1	$2.23
14-4HG	1"	10/1	$2.65

Star Nuts

Model	Meter Size	Carton PCS/WT	Price
14-1N	5/8"	10/2	$2.70
14-2N	5/8" x 3/4" or 3/4"	10/2	$2.70
14-4N	1"	10/3	$4.75



Expander Rubber Gasket - Soft

Model	Meter Size	Carton PCS/WT	Price
14-1SG	5/8"	25/1	$0.93
14-2SG	5/8" x 3/4" or 3/4"	25/1	$1.17
14-4SG	1"	25/1	$1.37

Star Nut Gaskets

Model	Meter Size	Carton PCS/WT	Price
14-1G	5/8"	25/1	$0.36
14-2G	5/8" x 3/4" or 3/4"	25/1	$0.49
14-4G	1"	10/1	$0.56



Expander Beveled Nose Piece Gasket

Model	Meter Size	Carton PCS/WT	Price
14-1NG	5/8"	25/1	$1.03
14-2NG	5/8" x 3/4" or 3/4"	25/1	$1.24
14-4NG	1"	10/1	$1.62

Angle Yoke Valves - Plug Style

PLUG STYLE - 100 PSI - LOCKWING | FOR 5/8", 5/8" x 3/4", 3/4", OR 1" METERS

A.Y. McDonald angle yoke plug valves include a meter star nut for connection to iron yoke bars and a wide variety of inlet configurations. These angle valves come standard with 180° "open to close" operating head and are directional with an arrow to indicate the direction of flow.

- Insert stiffeners are required on all flexible plastic connections.

Plug Valve Size Description

SIZE means: **3/4** x **01**
End Connection
Meter Size
01 = 5/8"
02 = 5/8" x 3/4" or 3/4"
04 = 1"

74602Y

Flare x Star Nut



Size	Carton PCS/WT	Price
*3/4" x 01	20/32	$58.49
*3/4" x 02	20/32	$58.49
1" x 01	15/29	$66.50
1" x 02	15/29	$66.50
*1" x 04	10/27	$90.04

** available with pentagon drain plug*

74602Y-22

-22 CTS x Star Nut



Size	Carton PCS/WT	Price
* 3/4" x 01	20/28	$60.19
* 3/4" x 02	20/29	$60.19
1" x 01	15/25	$70.25
1" x 02	15/25	$70.25
* 1" x 04	10/22	$95.13
1 1/4" x 04	10/30	$128.03

** available with pentagon drain plug*

74602Y-33

-33 PEP-7 x Star Nut



Size	Carton PCS/WT	Price
3/4" x 01	15/26	$70.25
3/4" x 02	15/26	$70.25
1" x 04	10/28	$104.35

74602Y-34

-34 PEP-9 x Star Nut



Size	Carton PCS/WT	Price
3/4" x 01	15/26	$70.25
3/4" x 02	15/26	$70.25
1" x 04	10/28	$104.35

74602Y-3G

-3G PEP x Star Nut

Size	Carton PCS/WT	Price
3/4" x 01	15/29	$70.25
3/4" x 02	15/29	$70.25
1" x 04	10/30	$104.35

74602Y-3Q

-3Q PEP x Star Nut



Size	Carton PCS/WT	Price
3/4" x 01	15/27	$70.25
3/4" x 02	15/28	$70.25
1" x 04	10/29	$104.35

74602Y-44

-44 PVC x Star Nut



Size	Carton PCS/WT	Price
3/4" x 01	15/26	$70.25
3/4" x 02	15/26	$70.25
1" x 04	10/28	$104.35

74602Y-55

-55 IP x Star Nut

Size	Carton PCS/WT	Price
3/4" x 01	15/26	$70.25
3/4" x 02	15/26	$70.25
1" x 04	10/30	$104.35

74602YQ

Q CTS x Star Nut



Size	Carton PCS/WT	Price
* 3/4" x 01	20/29	$60.19
* 3/4" x 02	20/29	$60.19
1" x 01	15/27	$70.25
1" x 02	15/27	$70.25
* 1" x 04	10/25	$95.13
1 1/4" x 04	10/29	$128.03

** available with pentagon drain plug*

74602YT

T CTS x Star Nut

Size	Carton PCS/WT	Price
* 3/4" x 01	20/28	$60.19
* 3/4" x 02	20/28	$60.19
1" x 01	15/27	$70.25
1" x 02	15/26	$70.25
* 1" x 04	10/23	$95.13
1 1/4" x 04	10/27	$128.03

** available with pentagon drain plug*

74602YG

G CTS x Star Nut

Size	Carton PCS/WT	Price
* 3/4" x 01	20/31	$60.19
* 3/4" x 02	20/30	$60.19
1" x 01	15/28	$70.25
1" x 02	15/28	$70.25
* 1" x 04	10/24	$95.13
1 1/4" x 04	10/30	$128.03

** available with pentagon drain plug*

74604Y

FNPT x Star Nut

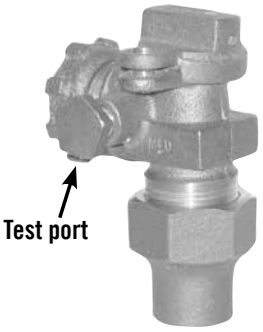


Size	Carton PCS/WT	Price
* 3/4" x 01	20/25	$48.03
* 3/4" x 02	20/24	$48.03
1" x 01	20/29	$53.03
1" x 02	20/29	$53.03
* 1" x 04	10/20	$76.65
1 1/4" x 04	10/24	$80.35

** available with pentagon drain plug*

Angle Yoke Valves - Plug Style

For valves with Pentagon Drain option:
- Contact Factory



Example: 74602YD 3/4” x 01

For valves with Dielectric Bushing option:
- Contact Factory



Example: 74602DBY 3/4” x 01

74602YD
Flare x Star Nut with Test Port

Size	Carton PCS/WT	Price
3/4” x 01	20/34	$73.32
3/4” x 02	20/34	$73.32
1” x 01*	20/50	$81.33
1” x 02*	20/47	$81.33
1” x 04	10/27	$104.87

*Assembled water tight with 74753

74602DBY
Flare x Star Nut with Dielectric Bushing

Size	Carton PCS/WT	Price
3/4” x 01	15/32	$94.93
3/4” x 02	15/31	$94.93
1” x 01	15/39	$115.62
1” x 02	15/39	$115.62
1” x 04	10/34	$143.05

74602YD-22
-22 CTS x Star Nut with Test Port

Size	Carton PCS/WT	Price
3/4” x 01	20/30	$75.02
3/4” x 02	20/30	$75.02
1” x 04	10/24	$109.97

74602DBY-22
-22 CTS x Star Nut w/ Dielectric Bushing

Size	Carton PCS/WT	Price
3/4” x 01	15/30	$83.82
3/4” x 02	15/30	$83.82
1” x 04	10/31	$119.43

74604YD
FNPT x Star Nut with Test Port

Size	Carton PCS/WT	Price
3/4” x 01	20/26	$62.86
3/4” x 02	20/27	$62.86
1” x 04	10/21	$91.48

Angle Yoke Valves - Ball Style Standard Port

BALL STYLE - 300 PSI - LOCKWING | FOR 5/8", 5/8" x 3/4", 3/4", OR 1" METERS

A.Y. McDonald angle yoke ball valves include a meter star nut for connection to iron yoke bars and a wide variety of inlet configurations. Valves come standard with 90º "open to close" operating head and are non-directional with lockwing.

- Insert stiffeners are required on all flexible plastic connections.

Ball Valve Size Description

SIZE means: 3/4 (End Connection) x 5/8 (Ball Opening Size) x 01 (Meter Size)

Meter Size
01 = 5/8"
02 = 5/8" x 3/4" or 3/4"
04 = 1"

74644BY
FNPT x Star Nut



Size	Carton PCS/WT	Price
3/4" x 5/8" x 01	20/29	$67.51
3/4" x 5/8" x 02	20/28	$67.51
1" x 5/8" x 01	20/35	$76.59
1" x 5/8" x 02	20/31	$76.59
1" x 3/4" x 04	10/22	$135.38

74642BYQ
Q CTS x Star Nut



Size	Carton PCS/WT	Price
3/4" x 5/8" x 01	20/35	$81.09
3/4" x 5/8" x 02	20/34	$81.09
1" x 5/8" x 01	20/39	$102.68
1" x 5/8" x 02	20/40	$102.68
1" x 3/4" x 04	10/26	$167.63

74642BY-3G
-3G PEP x Star Nut



Size	Carton PCS/WT	Price
3/4" x 5/8" x 01	20/38	$85.11
3/4" x 5/8" x 02	20/38	$85.11
1" x 3/4" x 04	10/30	$175.31

74642BY
Flare x Star Nut



Size	Carton PCS/WT	Price
3/4" x 5/8" x 01	20/35	$79.83
3/4" x 5/8" x 02	20/35	$79.83
1" x 5/8" x 01	20/44	$101.83
1" x 5/8" x 02	20/42	$101.83
1" x 3/4" x 04	10/27	$147.21

74642BYT
T CTS x Star Nut



Size	Carton PCS/WT	Price
3/4" x 5/8" x 01	20/34	$81.09
3/4" x 5/8" x 02	20/34	$81.09
1" x 5/8" x 01	20/38	$102.68
1" x 5/8" x 02	20/38	$102.68
1" x 3/4" x 04	10/25	$167.63

74642BY-3Q
-3Q PEP x Star Nut



Size	Carton PCS/WT	Price
3/4" x 5/8" x 01	20/40	$85.11
3/4" x 5/8" x 02	20/40	$85.11
1" x 3/4" x 04	10/31	$175.31

74642BY-22
-22 CTS x Star Nut



Size	Carton PCS/WT	Price
3/4" x 5/8" x 01	20/34	$81.09
3/4" x 5/8" x 02	20/33	$81.09
1" x 5/8" x 01	20/38	$102.68
1" x 5/8" x 02	20/36	$102.68
1" x 3/4" x 04	10/24	$167.63

74642BY-33
-33 PEP-7 x Star Nut



Size	Carton PCS/WT	Price
3/4" x 5/8" x 01	20/38	$85.11
3/4" x 5/8" x 02	20/38	$85.11
1" x 3/4" x 04	10/30	$175.31

74642BY-44
-44 PVC x Star Nut



Size	Carton PCS/WT	Price
3/4" x 5/8" x 01	20/38	$85.11
3/4" x 5/8" x 02	20/38	$85.11
1" x 3/4" x 04	10/31	$175.31

74642BYG
G CTS x Star Nut



Size	Carton PCS/WT	Price
3/4" x 5/8" x 01	20/36	$81.09
3/4" x 5/8" x 02	20/35	$81.09
1" x 5/8" x 01	20/40	$102.68
1" x 5/8" x 02	20/40	$102.68
1" x 3/4" x 04	10/27	$167.63

74642BY-34
-34 PEP-9 x Star Nut



Size	Carton PCS/WT	Price
3/4" x 5/8" x 01	20/38	$85.11
3/4" x 5/8" x 02	20/38	$85.11
1" x 3/4" x 04	10/30	$175.31

74642BY-55
-55 IP x Star Nut

Size	Carton PCS/WT	Price
3/4" x 5/8" x 01	20/37	$85.11
3/4" x 5/8" x 02	20/42	$85.11
1" x 3/4" x 04	10/31	$175.31

Angle Yoke Valves - Ball Style Standard Port

BALL STYLE - 300 PSI - LOCKWING | FOR 5/8", 5/8" x 3/4", 3/4", OR 1" METERS

A.Y. McDonald angle yoke ball valves include a meter star nut for connection to iron yoke bars and a wide variety of inlet configurations. Valves come standard with 90º "open to close" operating head and are non-directional with lockwing.

- Insert stiffeners are required on all flexible plastic connections.

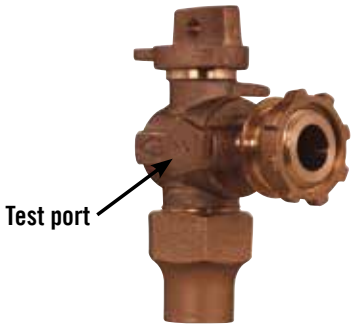
Ball Valve Size Description

SIZE means: **3/4** x **5/8** x **01**

- 3/4 = End Connection
- 5/8 = Ball Opening Size
- 01 = Meter Size
  - 01 = 5/8"
  - 02 = 5/8" x 3/4" or 3/4"
  - 04 = 1"

For valves with Pentagon Drain option:

- Contact Factory



Example: 74642BYD 3/4" x 01

For valves with Dielectric Bushing option:

- Contact Factory



Example: 74642BDBY 3/4" x 01

74642BYD

Flare x Star Nut with Test Port

Size	Carton PCS/WT	Price
3/4" x 5/8" x 01	20/40	$98.05
3/4" x 5/8" x 02	20/40	$98.05

74642BYD-22

-22 CTS x Star Nut with Test Port

Size	Carton PCS/WT	Price
3/4" x 5/8" x 01	20/38	$99.27
3/4" x 5/8" x 02	20/38	$99.27

74642BYDT

T CTS x Star Nut with Test Port

Size	Carton PCS/WT	Price
3/4" x 5/8" x 01	20/39	$99.27
3/4" x 5/8" x 02	20/39	$99.27

74642BYDQ

Q CTS x Star Nut with Test Port

Size	Carton PCS/WT	Price
3/4" x 5/8" x 01	20/38	$99.27
3/4" x 5/8" x 02	20/38	$99.27

74642BDBY

Flare x Star Nut with Dielectric Bushing

Size	Carton PCS/WT	Price
3/4" x 5/8" x 01	15/37	$129.74
3/4" x 5/8" x 02	15/37	$129.74
1" x 5/8" x 01	15/41	$159.55
1" x 5/8" x 02	15/41	$159.55

Angle Yoke Valves - Ball Style Full Port

BALL STYLE - 300 PSI - LOCKWING | FOR 5/8", 5/8" x 3/4", 3/4", OR 1" METERS

A.Y. McDonald angle yoke ball valves include a meter star nut for connection to iron yoke bars and a wide variety of inlet / outlet configurations. Valves come standard with 90º "open to close" operating head and are non-directional with lockwing.

- Insert stiffeners are required on all flexible plastic connections.

Ball Valve Size Description

SIZE means: 3/4 (End Connection) x 5/8 (Ball Opening Size) x 01 (Meter Size)

Meter Size
01 = 5/8"
02 = 5/8" x 3/4" or 3/4"
04 = 1"

74604BY
FNPT x Star Nut



Size	Carton PCS/WT	Price
3/4" x 3/4" x 01	10/18	$125.87
3/4" x 3/4" x 02	10/17	$125.87
1" x 3/4" x 01	10/20	$123.59
1" x 3/4" x 02	10/19	$123.59
1" x 1" x 04	10/28	$171.90

74602BYQ
Q CTS x Star Nut



Size	Carton PCS/WT	Price
3/4" x 3/4" x 01	10/20	$138.21
3/4" x 3/4" x 02	10/20	$138.21
1" x 3/4" x 01	10/24	$152.90
1" x 3/4" x 02	10/24	$152.90
1" x 1" x 04	10/32	$188.55

74602BY-3G
-3G PEP x Star Nut



Size	Carton PCS/WT	Price
3/4" x 3/4" x 01	10/24	$142.95
3/4" x 3/4" x 02	10/24	$142.95
1" x 3/4" x 01	10/28	$144.24
1" x 3/4" x 02	10/28	$144.24
1" x 1" x 04	10/38	$200.76

74602BY
Flare x Star Nut



Size	Carton PCS/WT	Price
3/4" x 3/4" x 01	10/21	$134.38
3/4" x 3/4" x 02	10/21	$134.38
1" x 3/4" x 01	10/26	$140.45
1" x 3/4" x 02	10/24	$140.45
1" x 1" x 04	10/35	$197.54

74602BYT
T CTS x Star Nut



Size	Carton PCS/WT	Price
3/4" x 3/4" x 01	10/20	$138.21
3/4" x 3/4" x 02	10/19	$138.21
1" x 3/4" x 01	15/35	$152.90
1" x 3/4" x 02	15/35	$152.90
1" x 1" x 04	10/31	$188.40

74602BY-3Q
-3Q PEP x Star Nut



Size	Carton PCS/WT	Price
3/4" x 3/4" x 01	10/20	$142.95
3/4" x 3/4" x 02	10/20	$142.95
1" x 3/4" x 01	10/20	$144.24
1" x 3/4" x 02	10/20	$144.24
1" x 1" x 04	10/37	$200.76

74602BY-22
-22 CTS x Star Nut



Size	Carton PCS/WT	Price
3/4" x 3/4" x 01	10/19	$138.21
3/4" x 3/4" x 02	10/20	$138.21
1" x 3/4" x 01	10/23	$152.90
1" x 3/4" x 02	10/22	$152.90
1" x 1" x 04	10/30	$188.55

74602BY-33
-33 PEP-7 x Star Nut



Size	Carton PCS/WT	Price
3/4" x 3/4" x 01	10/23	$142.95
3/4" x 3/4" x 02	10/23	$142.95
1" x 3/4" x 01	10/28	$144.24
1" x 3/4" x 02	10/28	$144.24
1" x 1" x 04	10/38	$200.76

74602BY-44
-44 PVC x Star Nut



Size	Carton PCS/WT	Price
3/4" x 3/4" x 01		$142.95
3/4" x 3/4" x 02	10/23	$142.95
1" x 3/4" x 01	10/20	$144.24
1" x 3/4" x 02	10/20	$144.24
1" x 1" x 04	10/37	$200.54

74602BYG
G CTS x Star Nut



Size	Carton PCS/WT	Price
3/4" x 3/4" x 01	10/21	$138.21
3/4" x 3/4" x 02	10/21	$138.21
1" x 3/4" x 01	10/24	$152.90
1" x 3/4" x 02	10/24	$152.90
1" x 1" x 04	10/33	$188.55

74602BY-34
-34 PEP-9 x Star Nut



Size	Carton PCS/WT	Price
3/4" x 3/4" x 01	10/23	$142.95
3/4" x 3/4" x 02	10/23	$142.95
1" x 3/4" x 01	10/28	$144.24
1" x 3/4" x 02	10/28	$144.24
1" x 1" x 04	10/38	$200.76

For valves with Pentagon Drain option:
- Contact Factory



Example: 74602BYD 3/4" x 3/4" x 02

Straight Yoke Valves - Ball Style

BALL STYLE - 300 PSI - LOCKWING | FOR 5/8", 5/8" x 3/4", 3/4", OR 1" METERS

A.Y. McDonald straight yoke ball valves include a meter star nut for connection to iron yoke bars and a wide variety of inlet / outlet configurations. Valves come standard with 90º "open to close" operating head and are non-directional with lockwing.

- Insert stiffeners are required on all flexible plastic connections.
- For pentagon drain option, contact factory.

Ball Valve Size Description

SIZE means: 3/4 (End Connection) x 5/8 (Ball Opening Size) x 01 (Meter Size)

Meter Size
01 = 5/8"
02 = 5/8" x 3/4" or 3/4"
04 = 1"

76101WY
FNPT x Star Nut

Size	Carton PCS/WT	Price
3/4" x 5/8" x 01	20/25	$64.41
3/4" x 5/8" x 02	20/27	$64.41
3/4" x 3/4" x 01	10/16	$108.96
3/4" x 3/4" x 02	10/16	$108.96
1" x 3/4" x 01	10/17	$114.20
1" x 3/4" x 02	10/17	$114.20
1" x 3/4" x 04	10/21	$113.61
1" x 1" x 04	10/27	$161.86

76102WY
Flare x Star Nut

Size	Carton PCS/WT	Price
3/4" x 5/8" x 01	20/35	$73.29
3/4" x 5/8" x 02	20/32	$73.29
1" x 3/4" x 01	10/24	$127.75
1" x 3/4" x 02	10/24	$127.75
1" x 3/4" x 04	10/28	$131.29

76102WY-22
-22 CTS x Star Nut



Size	Carton PCS/WT	Price
3/4" x 5/8" x 01	20/33	$78.12
3/4" x 5/8" x 02	20/31	$78.12
3/4" x 3/4" x 01	20/40	$121.56
3/4" x 3/4" x 02	20/40	$121.56
1" x 3/4" x 01	10/21	$131.42
1" x 3/4" x 02	10/21	$131.42
1" x 3/4" x 04	10/24	$138.72
1 1/4" x 1" x 04	10/35	$203.61

76102WYG
G CTS x Star Nut

Size	Carton PCS/WT	Price
3/4" x 5/8" x 01	20/33	$78.12
3/4" x 5/8" x 02	20/34	$78.12
3/4" x 3/4" x 01	15/32	$121.56
3/4" x 3/4" x 02	15/32	$121.56
1" x 3/4" x 01	10/23	$131.42
1" x 3/4" x 02	10/23	$131.42
1" x 3/4" x 04	10/26	$138.72
1" x 1" x 04	10/33	$185.90
1 1/4" x 1" x 04	10/33	$203.61

76102WYQ
Q CTS x Star Nut



Size	Carton PCS/WT	Price
3/4" x 5/8" x 01	20/32	$78.12
3/4" x 5/8" x 02	20/32	$78.12
3/4" x 3/4" x 01	15/31	$121.56
3/4" x 3/4" x 02	15/31	$121.56
1" x 3/4" x 01	10/22	$131.42
1" x 3/4" x 02	10/22	$131.42
1" x 3/4" x 04	10/25	$138.72
1" x 1" x 04	10/42	$185.90
1 1/4" x 1" x 04	10/30	$203.61

76102WYT
T CTS x Star Nut



Size	Carton PCS/WT	Price
3/4" x 5/8" x 01	20/33	$78.12
3/4" x 5/8" x 02	20/32	$78.12
3/4" x 3/4" x 01	20/40	$121.56
3/4" x 3/4" x 02	20/40	$121.56
1" x 3/4" x 01	10/23	$131.42
1" x 3/4" x 02	10/23	$131.42
1" x 3/4" x 04	10/26	$138.72
1 1/4" x 1" x 04	10/30	$203.61

76102WY-33
-33 PEP-7 x Star Nut



Size	Carton PCS/WT	Price
3/4" x 3/4" x 01	10/22	$112.92
3/4" x 3/4" x 02	10/22	$112.92
1" x 1" x 04	10/30	$126.69

76102WY-3Q
-3Q PEP x Star Nut

Size	Carton PCS/WT	Price
3/4" x 3/4" x 01	10/22	$112.92
3/4" x 3/4" x 02	10/22	$112.92
1" x 1" x 04	10/30	$126.69

76102WY-3G
-3G PEP x Star Nut

Size	Carton PCS/WT	Price
3/4" x 3/4" x 01	10/22	$112.92
3/4" x 3/4" x 02	10/22	$112.92
1" x 1" x 04	10/47	$126.69

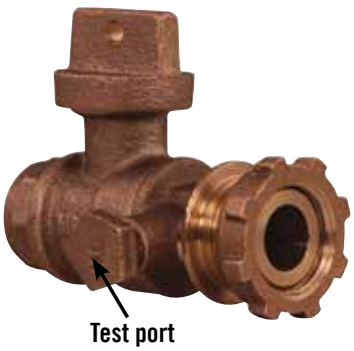
76102WY-44
-44 PVC x Star Nut

Size	Carton PCS/WT	Price
3/4" x 3/4" x 01	10/22	$112.92
3/4" x 3/4" x 02	10/22	$112.92
1" x 1" x 04	10/30	$126.69

76102WY-55
-55 IP x Star Nut

Size	Carton PCS/WT	Price
3/4" x 3/4" x 01	10/22	$112.92
3/4" x 3/4" x 02	10/22	$112.92
1" x 1" x 04	10/30	$126.69

For valves with Pentagon Drain option:
- Contact Factory



Example: 76101YV 3/4" x 3/4" x 01

Straight Yoke Valves - Ball Style

BALL STYLE - 300 PSI | FOR 5/8", 5/8" x 3/4", 3/4", OR 1" METERS - LESS LOCKWING

A.Y. McDonald straight yoke ball valves include a meter star nut for connection to iron yoke bars and a wide variety of inlet / outlet configurations. Valves come standard with 90º "open to close" operating head and are non-directional.

- Insert stiffeners are required on all flexible plastic connections.
- For pentagon drain option, contact factory.

Ball Valve Size Description

SIZE means: 3/4 (End Connection) x 5/8 (Ball Opening Size) x 01 (Meter Size)

Meter Size
01 = 5/8"
02 = 5/8" x 3/4" or 3/4"
04 = 1"

76101Y
FNPT x Star Nut without Lockwing

Size	Carton PCS/WT	Price
3/4" x 5/8" x 01	20/26	$64.19
3/4" x 5/8" x 02	20/25	$60.34
1" x 3/4" x 01	10/18	$110.37
1" x 3/4" x 02	10/18	$110.37
1" x 3/4" x 04	10/20	$109.44
1" x 1" x 04	10/27	$158.10

76102Y
Flare x Star Nut without Lockwing

Size	Carton PCS/WT	Price
3/4" x 5/8" x 01	20/38	$78.14
3/4" x 5/8" x 02	20/37	$78.14
3/4" x 3/4" x 01	20/38	$100.51
3/4" x 3/4" x 02	20/38	$100.51
1" x 3/4" x 04	10/28	$127.53
1" x 1" x 04	10/30	$164.04

76102Y-22
-22 CTS x Star Nut without Lockwing

Size	Carton PCS/WT	Price
3/4" x 5/8" x 01	20/34	$74.36
3/4" x 5/8" x 02	20/34	$74.36
3/4" x 3/4" x 01	20/38	$100.51
3/4" x 3/4" x 02	20/38	$100.51
1" x 3/4" x 04	10/28	$121.36
1" x 1" x 04	10/30	$156.10

76102YG
G CTS x Star Nut without Lockwing

Size	Carton PCS/WT	Price
3/4" x 5/8" x 01	20/34	$74.36
3/4" x 5/8" x 02	20/34	$74.36
3/4" x 3/4" x 01	20/38	$100.51
3/4" x 3/4" x 02	20/38	$100.51
1" x 3/4" x 04	10/28	$121.36
1" x 1" x 04	10/30	$156.10

76102YQ
Q CTS x Star Nut without Lockwing

Size	Carton PCS/WT	Price
3/4" x 5/8" x 01	20/34	$74.36
3/4" x 5/8" x 02	20/34	$74.36
3/4" x 3/4" x 01	20/38	$100.51
3/4" x 3/4" x 02	20/38	$100.51
1" x 3/4" x 04	10/28	$121.36
1" x 1" x 04	10/30	$156.10

76102YT
T CTS x Star Nut without Lockwing

Size	Carton PCS/WT	Price
3/4" x 5/8" x 01	20/34	$74.36
3/4" x 5/8" x 02	20/34	$74.36
3/4" x 3/4" x 01	20/38	$100.51
3/4" x 3/4" x 02	20/38	$100.51
1" x 3/4" x 04	10/28	$121.36
1" x 1" x 04	10/30	$156.10

76102Y-33
-33 PEP-7 x Star Nut without Lockwing

Size	Carton PCS/WT	Price
3/4" x 3/4" x 01	15/44	$109.15
3/4" x 3/4" x 02	15/44	$109.15
1" x 1" x 04	10/30	$229.13

76102Y-34
-34 PEP-9 x Star Nut without Lockwing

Size	Carton PCS/WT	Price
3/4" x 3/4" x 01	15/44	$109.15
3/4" x 3/4" x 02	15/44	$109.15
1" x 1" x 04	10/30	$229.13

76102Y-3G
-3G PEP x Star Nut without Lockwing

Size	Carton PCS/WT	Price
3/4" x 3/4" x 01	15/44	$109.15
3/4" x 3/4" x 02	15/44	$109.15
1" x 1" x 04	10/30	$229.13

76102Y-3Q
-3Q PEP x Star Nut without Lockwing

Size	Carton PCS/WT	Price
3/4" x 3/4" x 01	15/44	$109.15
3/4" x 3/4" x 02	15/44	$109.15
1" x 1" x 04	10/30	$229.13

76102Y-44
-44 PVC x Star Nut without Lockwing

Size	Carton PCS/WT	Price
3/4" x 3/4" x 01	15/44	$109.15
3/4" x 3/4" x 02	15/44	$109.15
1" x 1" x 04	10/30	$229.13

76102Y-55
-55 IP x Star Nut without Lockwing

Size	Carton PCS/WT	Price
3/4" x 3/4" x 01	15/44	$109.15
3/4" x 3/4" x 02	15/44	$109.15
1" x 1" x 04	10/30	$229.13

HANDLES

6120
Stainless Steel Handle

Size	Length	Carton PCS/WT	Price
5/8"	3.25"	25/2	$7.15
3/4" & 1"	4.25"	25/3	$7.92

6120B
Brass Handle



Size	Length	Carton PCS/WT	Price
5/8"	3.38"	25/6	$7.15
3/4" & 1"	4.38"	25/7	$7.92

6120BT
Brass T - Handle



Size	Carton PCS/WT	Price
3/4" & 1"	25/9	$12.71

Yoke Couplings - Quarter Bend

MALE YOKE

A.Y. McDonald quarter bend yoke couplings include a meter star nut for connection to iron yoke bars and a wide variety of inlet / outlet configurations.

- Insert stiffeners are required on all flexible plastic connections.

74779FY
FNPT x Star Nut

Size	Carton PCS/WT	Price
3/4" x 01	20/15	$16.93
3/4" x 02	20/14	$16.93
1" x 01	20/18	$21.91
1" x 02	20/19	$21.91
1" x 04	10/14	$29.89
1 1/4" x 04	20/28	$37.40

74779MY
MNPT x Star Nut

Size	Carton PCS/WT	Price
3/4" x 01	20/13	$30.55
3/4" x 02	20/13	$30.55
1" x 01	20/22	$39.56
1" x 02	20/14	$39.56

74779Y
Flare x Star Nut



Size	Carton PCS/WT	Price
3/4" x 01	20/21	$24.80
3/4" x 02	20/20	$24.80
1" x 01	20/28	$32.83
1" x 02	20/27	$32.83
1" x 04	10/20	$43.37

74779Y-22
-22 CTS x Star Nut



Size	Carton PCS/WT	Price
3/4" x 01	20/18	$ 26.26
3/4" x 02	20/18	$ 26.26
1" x 01	25/29	$ 36.85
1" x 02	25/28	$ 36.85
1" x 04	10/17	$ 46.53
1 1/4" x 01	20/39	$ 66.78
1 1/4" x 02	20/39	$ 66.78
1 1/4" x 04	20/42	$ 71.69

74779Y-33
-33 PEP-7 x Star Nut



Size	Carton PCS/WT	Price
3/4" x 01	25/30	$ 36.85
3/4" x 02	25/30	$ 36.85
1" x 01	20/39	$ 61.26
1" x 02	20/40	$ 61.26
1" x 04	20/38	$ 58.11

74779Y-34
-34 PEP-9 x Star Nut



Size	Carton PCS/WT	Price
3/4" x 01	25/30	$ 36.85
3/4" x 02	25/30	$ 36.85
1" x 01	20/39	$ 61.26
1" x 02	20/40	$ 61.26
1" x 04	20/38	$ 58.11

74779YG
G CTS x Star Nut



Size	Carton PCS/WT	Price
3/4" x 01	20/20	$28.70
3/4" x 02	20/20	$28.70
1" x 01	25/34	$40.28
1" x 02	25/34	$40.28
1" x 04	10/19	$50.86
1 1/4" x 01	10/20	$72.99
1 1/4" x 02	10/20	$72.99

74779YQ
Q CTS x Star Nut



Size	Carton PCS/WT	Price
3/4" x 01	20/19	$28.70
3/4" x 02	20/19	$28.70
1" x 01	25/68	$40.28
1" x 02	25/31	$40.28
1" x 04	10/18	$50.86
1 1/4" x 01	20/39	$72.99
1 1/4" x 02	20/39	$72.99

74779YT
T CTS x Star Nut



Size	Carton PCS/WT	Price
3/4" x 01	20/19	$28.70
3/4" x 02	20/19	$28.70
1" x 01	25/65	$40.28
1" x 02	25/32	$40.28
1" x 04	10/17	$50.86
1 1/4" x 01	20/39	$72.99
1 1/4" x 02	20/39	$72.99
1 1/4" x 04	20/42	$78.36

74779Y-3G
-3G PEP x Star Nut



Size	Carton PCS/WT	Price
1" x 01	20/43	$66.96
1" x 02	20/43	$66.96
1" x 04	20/43	$63.51

74779Y-3Q
-3Q PEP x Star Nut



Size	Carton PCS/WT	Price
1" x 01	20/39	$66.96
1" x 02	20/39	$66.96
1" x 04	20/40	$63.51

74779Y-44
-44 PVC x Star Nut



Size	Carton PCS/WT	Price
3/4" x 01	25/67	$40.28
3/4" x 02	25/28	$40.28
1" x 01	20/39	$66.96
1" x 02	20/39	$66.96
1" x 04	20/39	$63.51

74779Y-55
-55 IP x Star Nut

Size	Carton PCS/WT	Price
3/4" x 01	25/30	$40.28
3/4" x 02	25/30	$40.28
1" x 01	20/39	$66.96
1" x 02	20/39	$66.96
1" x 04	20/42	$63.51

Yoke Couplings - Quarter Bend - With Test Port

MALE YOKE

A.Y. McDonald quarter bend yoke couplings include a meter star nut for connection to iron yoke bars and a wide variety of inlet / outlet configurations.

- Insert stiffeners are required on all flexible plastic connections.

74779FYW

FNPT x Star Nut with Test Port

Size	Carton PCS/WT	Price
3/4" x 01	20/17	$ 32.49
3/4" x 02	20/17	$ 32.49
1" x 01	20/19	$ 37.05
1" x 02	20/19	$ 37.05
1" x 04	10/15	$ 44.35

74779YW-22 CTS

-22 CTS x Star Nut with Test Port

Size	Carton PCS/WT	Price
3/4" x 01	20/21	$47.28
3/4" x 02	20/20	$47.28
1" x 01	25/31	$58.87
1" x 02	25/30	$58.87
1" x 04	10/18	$69.45

74779YWQ CTS

Q CTS x Star Nut with Test Port

Size	Carton PCS/WT	Price
3/4" x 01	20/22	$47.28
3/4" x 02	20/21	$47.28
1" x 01	25/36	$58.87
1" x 02	25/32	$58.87
1" x 04	10/19	$69.45

74779MYW

MNPT x Star Nut with Test Port

Size	Carton PCS/WT	Price
3/4" x 01	20/14	$49.06
3/4" x 02	20/16	$49.06
1" x 01	20/16	$55.93
1" x 02	20/45	$55.93
1" x 04	10/13	$67.08

74779YWG CTS

G CTS x Star Nut with Test Port

Size	Carton PCS/WT	Price
3/4" x 01	20/25	$47.28
3/4" x 02	20/23	$47.28
1" x 01	25/37	$58.87
1" x 02	25/37	$58.87
1" x 04	10/21	$69.45

74779YWT CTS

T CTS x Star Nut with Test Port

Size	Carton PCS/WT	Price
3/4" x 01	20/22	$47.28
3/4" x 02	20/21	$47.28
1" x 01	25/34	$58.87
1" x 02	25/36	$58.87
1" x 04	10/19	$69.45

Yoke Couplings - Straight

STRAIGHT MALE YOKE

A.Y. McDonald straight yoke couplings include a meter star nut for connection to iron yoke bars and a wide variety of inlet / outlet configurations.

- Insert stiffeners are required on all flexible plastic connections.

74753MY

MNPT x Star Nut

Size	Carton PCS/WT	Price
3/4" x 01	20/12	$16.38
3/4" x 02	20/11	$16.38
1" x 04	10/9	$43.52

74753YG

G CTS x Star Nut



Size	Carton PCS/WT	Price
3/4" x 01	20/21	$27.64
3/4" x 02	20/21	$27.64
1" x 04	10/15	$45.22

74753YT

T CTS x Star Nut



Size	Carton PCS/WT	Price
3/4" x 01	20/18	$27.64
3/4" x 02	20/18	$27.64
1" x 04	10/15	$45.22

74753Y

Flare x Star Nut

Size	Carton PCS/WT	Price
3/4" x 01	20/21	$23.94
3/4" x 02	20/21	$23.94
1" x 04	10/16	$37.89

74753YQ

Q CTS x Star Nut



Size	Carton PCS/WT	Price
3/4" x 01	20/19	$27.64
3/4" x 02	20/19	$27.64
1" x 04	10/14	$45.22

74754Y

FNPT x Star Nut



Size	Carton PCS/WT	Price
3/4" x 01	20/12	$14.73
3/4" x 02	20/11	$14.73
1" x 04	10/11	$24.41

74753Y-22

-22 CTS x Star Nut



Size	Carton PCS/WT	Price
3/4" x 01	20/18	$27.64
3/4" x 02	20/18	$27.64
1" x 04	10/14	$45.22

Female Yoke Retro Fit Quarter Bend Adapters

A.Y. McDonald female yoke quarter bend adapters attach to a male star nut yoke thread and offer a wide variety of inlet / outlet configurations. 714-179 connect to 5/8", 5/8" x 3/4" or 3/4" male star nut yoke threads. 714-479 connect to 1" male star nut yoke threads.

5/8", 5/8" x 3/4" or 3/4"

714-179F
FNPT x Female Yoke Thread

Size	Carton PCS/WT	Price
3/4"	40/21	$28.33

714-179-22
-22 CTS x Female Yoke Thread

Size	Carton PCS/WT	Price
3/4"	40/28	$30.23

714-179T
T CTS x Female Yoke Thread

Size	Carton PCS/WT	Price
3/4"	40/29	$30.23

714-179
Flare x Female Yoke Thread

Size	Carton PCS/WT	Price
3/4"	40/35	$26.94

1"

714-479F
FNPT x Female Yoke Thread

Size	Carton PCS/WT	Price
1"	25/26	$49.55

714-479-22
-22 CTS x Female Yoke Thread

Size	Carton PCS/WT	Price
1"	25/32	$71.19

714-479Q
Q CTS x Female Yoke Thread

Size	Carton PCS/WT	Price
1"	25/35	$71.19

714-479
Flare x Female Yoke Thread

Size	Carton PCS/WT	Price
1"	25/37	$66.09

714-479G
G CTS x Female Yoke Thread

Size	Carton PCS/WT	Price
1"	25/34	$71.19

714-479T
T CTS x Female Yoke Thread

Size	Carton PCS/WT	Price
1"	25/34	$71.19

Female Yoke Retro Fit Straight Adapters

A.Y. McDonald female yoke straight adapters attach to a male star nut yoke thread and offer a wide variety of inlet / outlet configurations. 714-154 connect to 5/8", 5/8" x 3/4" or 3/4" male star nut yoke threads. 714-454 connect to 1" male star nut yoke threads.

5/8", 5/8" x 3/4" or 3/4"

714-154F
FNPT x Female Yoke Thread

Size	Carton PCS/WT	Price
3/4"	40/13	$15.13

714-154
Flare x Female Yoke Thread

Size	Carton PCS/WT	Price
3/4"	40/25	$22.71

714-154-22
-22 CTS x Female Yoke Thread

Size	Carton PCS/WT	Price
3/4"	40/20	$25.51

714-154 Q
Q CTS x Female Yoke Thread

Size	Carton PCS/WT	Price
3/4"	40/22	$25.51

714-154 T
T CTS x Female Yoke Thread

Size	Carton PCS/WT	Price
3/4"	40/37	$25.51

1"

714-454F
FNPT x Female Yoke Thread

Size	Carton PCS/WT	Price
1"	25/21	$49.72

714-454-22
-22 CTS x Female Yoke Thread

Size	Carton PCS/WT	Price
1"	25/44	$63.87

714-454Q
Q CTS x Female Yoke Thread

Size	Carton PCS/WT	Price
1"	25/47	$63.87

714-454
Flare x Female Yoke Thread

Size	Carton PCS/WT	Price
1"	25/33	$59.37

714-454G
G CTS x Female Yoke Thread

Size	Carton PCS/WT	Price
1"	25/46	$63.87

714-454T
T CTS x Female Yoke Thread

Size	Carton PCS/WT	Price
1"	25/46	$63.87

Angle Yoke Style Single Check Valves

A.Y. McDonald Angle Single Check Yoke Valves have a meter star nut for iron yoke inlets and a wide variety of outlet configurations. Our top cap and unique perpendicular check module design assures convenient access to check for inspection, maintenance, or replacement without removing the valve from the service line. It also allows for a lower profile than traditional top entry check. Backflow of water is deterred if thermal expansion occurs and will keep water from back flowing into a meter pit or on to a basement floor if meter is removed for servicing.

FEATURES

- Check assembly can be removed easily.
- Check assembly remains together when removed from body (no loose parts).
- Insert stiffeners are required on all flexible plastic connections.

Size		Description
23	=	5/8" meter x 3/4" end connection
24	=	5/8" meter x 1" end connection
33	=	5/8" x 3/4" or 3/4" meter x 3/4" end connection
34	=	5/8" x 3/4" or 3/4" meter x 1" end connection
44	=	1" meter x 1" end connection

702-3YE

Star Nut x FNPT

Size	Carton PCS/WT	Price
23	10/14	$56.46
33	10/14	$56.46

702-3Y2

Star Nut x -22 CTS Compression

Size	Carton PCS/WT	Price
23	10/17	$71.12
33	10/15	$71.12

702-3YT

Star Nut x T CTS Compression

Size	Carton PCS/WT	Price
23	10/17	$71.12
33	10/17	$71.12

702-3YR

Star Nut x Flare

Size	Carton PCS/WT	Price
23	10/17	$69.09
33	10/18	$69.09

702-3YQ

Star Nut x Q CTS Compression

Size	Carton PCS/WT	Price
23	10/16	$71.12
33	10/17	$71.12

702-4YE

Star Nut x FNPT - 1" Port

Size	Carton PCS/WT	Price
44	10/24	$67.43

702-3YU

Star Nut x G CTS Compression

Size	Carton PCS/WT	Price
23	10/17	$71.12
33	10/16	$71.12

702W3Y2

Star Nut x -22 CTS with Test Port

Size	Carton PCS/WT	Price
23	10/20	$83.83
33	10/17	$83.83

702W4YE

Star Nut x FNPT with Test Port

Size	Carton PCS/WT	Price
44	10/24	$86.02



Test port

OPTIONS

- For check valves with UFR option see UFR section or contact factory.
- Add "W" in place of "-" for pentagon test plug in cap i.e. 702-3YE 33 = 702W3YE 33, Add $ 18.60

Inline Yoke Style Dual Check Valves

A.Y. McDonald Inline Dual Check Valves protect the public water supply by preventing the reverse flow of water from the building back into the water main. The Series 711 dual check valve is available with a wide variety of end connections to connect directly to water meters or other types of piping.

- Insert stiffeners are required on all flexible plastic connections.

Size		Description
23	=	5/8" meter x 3/4" end connection
24	=	5/8" meter x 1" end connection
33	=	5/8" x 3/4" or 3/4" meter x 3/4" end connection
34	=	5/8" x 3/4" or 3/4" meter x 1" end connection
44	=	1" meter x 1" end connection

CARTRIDGE STYLE

711-3YC
Star Nut x -22 CTS Union

Size	Carton PCS/WT	Price
23	1/3	$114.98
33	1/3	$114.98

711-3YG
Star Nut x G CTS Union

Size	Carton PCS/WT	Price
23	1/3	$114.98
33	1/3	$114.98

711-4YF

Star Nut x FNPT Union

Size	Carton PCS/WT	Price
44	1/4	$198.96

711-3YF

Star Nut x FNPT Union

Size	Carton PCS/WT	Price
23	1/2	$110.78
33	1/2	$110.78

711-3YM
Star Nut x MNPT Union

Size	Carton PCS/WT	Price
23	1/2	$110.78
33	1/2	$110.78

711-3YQ
Star Nut x K Male

Size	Carton PCS/WT	Price
33	1/3	$114.98

711-3YR
Star Nut x Flare

Size	Carton PCS/WT	Price
33	1/2	$114.98

Inline Accessible Dual Check

A.Y. McDonald's unique Inline Dual Check Backflow Valves have a meter star nut for iron yoke inlets. Our top cap and unique check module design assures convenient access to both checks for inspection, maintenance or replacement without removing the valve from the line. Backflow of water is still deterred if either of the checks are removed or inoperable.

CARTRIDGE STYLE

7111-3YE

Star Nut x FNPT

Size	Carton PCS/WT	Price
23	6/16	$128.29
33	6/15	$128.29

CASCADING STYLE

7411-3YE

Star Nut x FNPT

Size	Length	Carton PCS/WT	Price
23	3.43	10/14	$110.78
33	3.43	10/13	$110.78

OPTIONS

- For check valves with UFR option see UFR section or contact factory.
- Add "W" in place of "-" for pentagon test plug in cap i.e. 702-3YE 33 = 702W3YE 33, Add $ 18.60


Test port

Angle Yoke Style Dual Check Valves

CARTRIDGE STYLE CHECK VALVES

A.Y. McDonald's unique Angle Dual Check Backflow Valves have a meter star nut for iron yoke inlets and a wide variety of outlet configurations. Our top cap and unique perpendicular check module design assures convenient access to both checks for inspection, maintenance, or replacement without removing the valve from the line. It also allows for a lower profile than traditional top entry dual checks. Back flow of water is still deterred if either of the checks are removed or inoperable.

- Check assembly can be removed easily with a pair of pliers.
- Check assembly remains together when removed from body (no loose pieces).
- Insert stiffeners are required on all flexible plastic connections.
- For Test Port Drain in cap, replace "-" in model number with "W". Example: 712-3YE = 712W3YE. Add $ 18.60 to list price.

Size		Description
23	=	5/8" meter x 3/4" end connection
24	=	5/8" meter x 1" end connection
33	=	5/8" x 3/4" or 3/4" meter x 3/4" end connection
34	=	5/8" x 3/4" or 3/4" meter x 1" end connection
44	=	1" meter x 1" end connection



712-3Y2

Star Nut x -22 CTS

Size	Carton PCS/WT	Price
23	12/22	$144.67
24	12/24	$157.29
33	12/22	$144.67
34	12/24	$157.29
44	12/29	$159.41



712-3Y3

Star Nut x -33 PEP-7

Size	Carton PCS/WT	Price
23	12/26	$157.29
33	12/24	$157.29



712-3Y4

Star Nut x -44 PVC

Size	Carton PCS/WT	Price
23	12/25	$157.29
33	12/24	$157.29

712-3Y5

Star Nut x -55 IP

Size	Carton PCS/WT	Price
23	12/25	$157.29
33	12/25	$157.29



712-3YE

Star Nut x FNPT

Size	Carton PCS/WT	Price
23	12/20	$118.81
24	12/23	$131.44
33	12/20	$118.81
34	12/22	$131.44
44	12/25	$131.44

712-3YQ

Star Nut x Q CTS

Size	Carton PCS/WT	Price
23	12/24	$144.67
24	12/28	$157.29
33	12/22	$144.67
34	12/26	$157.29
44	12/29	$159.41



712-3YR

Star Nut x Flare

Size	Carton PCS/WT	Price
23	12/25	$143.27
33	12/25	$143.27
44	8/22	$157.95



712-3YT

Star Nut x T CTS

Size	Carton PCS/WT	Price
23	12/24	$144.67
24	12/27	$157.29
33	12/23	$144.67
34	12/26	$157.29
44	12/30	$159.41

712-3YU

Star Nut x G CTS

Size	Carton PCS/WT	Price
23	12/24	$144.67
33	12/24	$144.67
44	12/31	$159.41

712-3YZ

Star Nut x -3Q PEP

Size	Carton PCS/WT	Price
23	12/28	$ 143.91
33	12/28	$ 143.91

712-4Y2

Star Nut x -22 CTS, 1" Port

Size	Carton PCS/WT	Price
24	10/40	$237.13
34	10/40	$237.13
44	10/33	$233.74

712-4YE

Star Nut x FNPT, 1" Port

Size	Carton PCS/WT	Price
44	10/28	$211.43



712-4YQ

Star Nut x Q CTS, 1" Port

Size	Carton PCS/WT	Price
24	10/41	$237.13
34	10/32	$237.13
44	10/36	$233.74

712-4YR

Star Nut x Flare, 1" Port

Size	Carton PCS/WT	Price
24	10/33	$235.22
34	10/32	$235.22
44	10/34	$231.77

712-4YT

Star Nut x T CTS, 1" Port

Size	Carton PCS/WT	Price
24	10/40	$237.13
34	10/40	$237.13
44	10/34	$233.74

Angle Yoke Style Dual Check Valves

CARTRIDGE STYLE CHECK VALVES

A.Y. McDonald's unique Angle Dual Check Backflow Valves have a meter star nut for iron yoke inlets and a wide variety of outlet configurations. Our top cap and unique check module design assures convenient access to both checks for inspection, maintenance, or replacement without removing the valve from the line. Backflow of water is still deterred if either of the checks are removed or inoperable.

- Insert stiffeners are required on all flexible plastic connections.
- Two inline checks.
- For Test Port Drain in cap, replace "-" in model number with "W". Example: 712-3YE = 712W3YE. Add $ 18.60 to list price.

Size		Description
23	=	5/8" meter x 3/4" end connection
24	=	5/8" meter x 1" end connection
33	=	5/8" x 3/4" or 3/4" meter x 3/4" end connection
34	=	5/8" x 3/4" or 3/4" meter x 1" end connection
44	=	1" meter x 1" end connection

7112-3YE
Star Nut x FNPT

Size	Carton PCS/WT	Price
23	6/12	$118.81
33	6/11	$118.81
44	6/13	$131.44



7112-3YR
Star Nut x Flare

Size	Carton PCS/WT	Price
23	6/13	$143.27
33	6/14	$143.27



7112-3Y2
Star Nut x -22 CTS

Size	Carton PCS/WT	Price
23	6/14	$144.67
33	6/14	$144.67
34	6/14	$157.29



7112-3YQ
Star Nut x Q CTS

Size	Carton PCS/WT	Price
23	6/13	$144.67
33	6/14	$144.67
34	6/15	$157.29



7112-3YT
Star Nut x T CTS

Size	Carton PCS/WT	Price
23	6/14	$144.67
33	6/17	$144.67
34	6/16	$157.29

7112-3YU
Star Nut x G CTS

Size	Carton PCS/WT	Price
23	6/14	$144.67
33	6/13	$144.67

7112-4YE
Star Nut x FNPT

Size	Carton PCS/WT	Price
44	6/20	$211.43



7112-4YR
Star Nut x Flare

Size	Carton PCS/WT	Price
24	8/31	$235.22
34	6/21	$235.22
44	6/24	$231.77



7112-4Y2
Star Nut x -22 CTS

Size	Carton PCS/WT	Price
24	8/35	$237.13
34	8/28	$237.13
44	6/22	$233.74

7112-4YQ
Star Nut x Q CTS

Size	Carton PCS/WT	Price
24	8/43	$237.13
34	8/29	$237.13
44	6/23	$233.74

7112-4YT
Star Nut x T CTS

Size	Carton PCS/WT	Price
24	8/43	$237.13
34	8/43	$237.13
44	6/23	$233.74

7112-4YU
Star Nut x G CTS

Size	Carton PCS/WT	Price
24	6/24	$237.13
34	8/30	$237.13
44	6/21	$233.74

ANGLE YOKE STYLE CASCADING DUAL CHECK VALVE



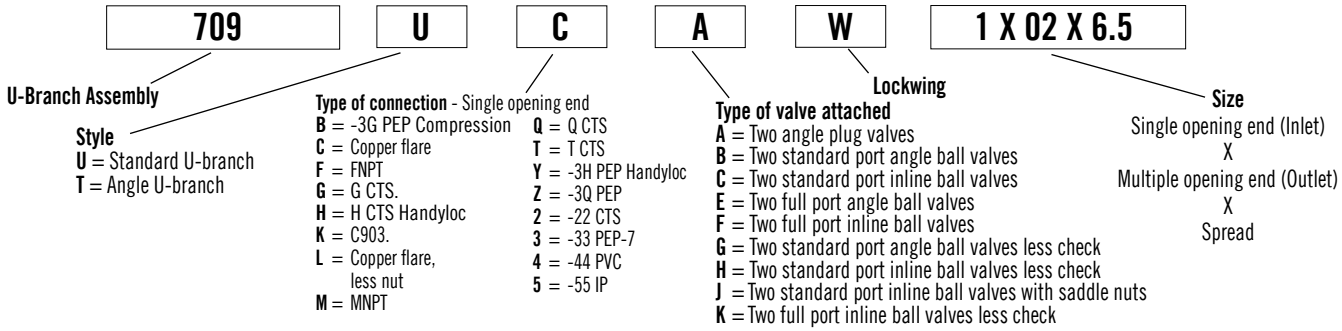
7312-3YE
Star Nut x FNPT

Size	Carton PCS/WT	Price
23	15/21	$102.48
33	15/21	$102.48

U-Branches Assemblies for Iron Yokes

A.Y. McDonald U-branch includes a star nut for connection to iron yoke bars. These angle ball valves come standard with 90º "open to close" operating head and the angle plug valves come standard with a 180º "open to close" operating head. These ball valves are non-directional and the plug valves are directional.

- Insert stiffeners are required on all flexible plastic connections.



BRANCH ASSEMBLIES

709TFEW
FNPT x Standard Port Angle Ball Valves

Size	Carton PCS/WT	Price
1" x 02 x 6.5	10/51	$330.73

709UFCW
FNPT x Standard Port Inline Ball Valves

Size	Carton PCS/WT	Price
1" x 02 x 7.5	10/50	$221.64

709U2BW
-22 CTS x Standard Port Angle Plug Valves

Size	Carton PCS/WT	Price
1" x 02 x 6.5	10/54	$245.42
1 1/2" x 02 x 7.5	10/52	$310.40

709T2BW
-22 CTS x Standard Port Angle Ball Valves

Size	Carton PCS/WT	Price
1" x 02 x 6.5	10/51	$243.23

709UCAW
Flare x Angle Plug Valves

Size	Carton PCS/WT	Price
1" x 02 x 6.5	10/50	$178.54
1" x 02 x 7.5	10/50	$185.46

709U2CW
-22 CTS x Standard Port Inline Ball Valves

Size	Carton PCS/WT	Price
1" x 02 x 7.5	10/48	$239.00

709UBAW
-3G PEP x Angle Plug Valves

Size	Carton PCS/WT	Price
1" x 02 x 7.5	10/49	$199.45

709UGAW
G CTS x Angle Plug Valves

Size	Carton PCS/WT	Price
1" x 02 x 7.5	10/45	$226.88

709U2EW
-22 CTS x Full Port Angle Ball Valves

Size	Carton PCS/WT	Price
1" x 02 x 7.5	5/28	$369.64

709UCEW
Flare x Full Port Angle Ball Valves

Size	Carton PCS/WT	Price
1" x 02 x 7.5	5/29	$377.69

709UZAW
-3Q PEP x Angle Plug Valves

Size	Carton PCS/WT	Price
1" x 02 x 7.5	10/42	$209.34

709U4EW
-44 PVC x Full Port Angle Ball Valves

Size	Carton PCS/WT	Price
1 1/2" x 02 x 7.5	5/30	$501.53

709UMCW
MNPT x Standard Port Inline Ball Valves

Size	Carton PCS/WT	Price
1" x 02 x 7.5	10/42	$195.91

709UTBW
T CTS x Standard Port Angle Ball Valves

Size	Carton PCS/WT	Price
1" x 02 x 6.5	10/52	$245.42

709U3AW
-33 PEP x Standard Port Angle Plug

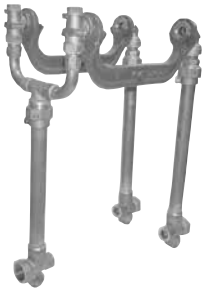
Size	Carton PCS/WT	Price
1" x 02 x 7.5	10/45	$213.77

Iron Yoke Assemblies and Packages

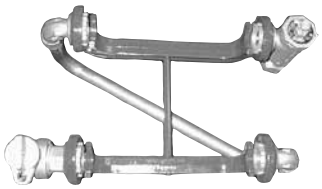
A.Y. McDonald offers a complete line of yoke assemblies an packages. Contact factory for assistance.



Single Settings
714G425LEFF66



Dual Yoke Settings
714H425LEFF44



Tandem Yoke Settings
714-2--WY22 332



Yoke Bar Assembly Only with Tie Bar
14-2-1TB
14-2-2TB
14-2-3TB
14-2-4TB

How to Order

To order Iron Yoke Assemblies: Model No. **714-1--LFC2 33** means:

714	-	1	- -	LF (INLET OUTLET)	C2 (INLET OUTLET)	Blank Space	33	
Series	**Style**	**Meter Size**	**Meter Depth**	**Inlet & Outlet Valves**	**Type of Connection Inlet & Outlet Valves**		**Sizes of Connection - Inlet & Outlet Valves**	**Other/ Tandem**

Series
714 - Iron Yoke

Style
- **-** = Normal iron yoke package or tandem yoke assy with expanders
- **E** = Tandem iron yoke assembly less expanders
- **F** = Single iron yoke assembly with expanders
- **G** = Single iron yoke assembly less expanders
- **H** = Dual yoke setter less expanders - includes tie bar if height is specified
- **K** = Dual yoke assembly with expanders, with tie bar between yokes
- **L** = Tandem yoke assembly less 4619's and less expanders
- **P** = Single pronged yoke bar assembly less expanders
- **Q** = Pronged dual yoke assembly less expanders - no tie bar
- **R** = Pronged iron yoke package with expander
- **S** = Pronged iron yoke assembly with expander
- **Z** = Single yoke setter assembly less expanders, bulk packed

Meter Size
- **1** = 5/8”
- **2** = 5/8” x 3/4”
- **3** = 3/4”
- **4** = 1”

Meter Depth
Two dashes or setter height

Inlet & Outlet Valves
- **D** = Angle Dual check valve
- **E** = Elbow - 90º degrees
- **F** = Elbow with drain
- **I** = Full Port angle ball valve with lockwing with brass handle
- **J** = Full Port angle ball valve with lockwing
- **K** = Inline ball valve less lockwing - reducing port with drain and handle
- **L** = Angle plug valve with lockwing
- **M** = 1” port angle dual check valve
- **N** = Inline ball valve less lockwing - reduced port
- **P** = Inline ball valve less lockwing - reduced port with brass handle
- **T** = Angle plug valve with lockwing - with drain
- **V** = Angle plug valve with lockwing - reduced port, with brass handle
- **W** = Angle ball valve with lockwing - reduced port
- **Y** = Angle plug valve with lockwing - reduced port, with brass handle

Type of Connection Inlet & Outlet Valves
- **B** = -3G PEP (-3G series with stop)
- **C** = Copper flare
- **E** = Female iron pipe (integral)
- **F** = Female iron pipe (integral elbow)
- **G** = G CTS McGrip (with stop)
- **H** = H CTS Handyloc
- **P** = Male iron pipe (integral)
- **Q** = Q CTS (with stop)
- **T** = T CTS
- **U** = -3G PEP
- **Y** = -3H PEP (with stop)
- **Z** = -3Q PEP (with stop)
- **2** = 22 CTS pack nut
- **3** = 33 CTS pack nut
- **4** = 44 CTS pack nut
- **5** = 55 CTS pack nut

Sizes of Connection - Inlet & Outlet Valves
- **1** = 1/2”
- **2** = 5/8”
- **3** = 3/4"
- **4** = 1"
- **5** = 1 1/4"
- **6** = 1 1/2"

Other/ Tandem
If required -
(Identifies the size of the first iron yoke (inlet side) in a tandem yoke setting.
- **1** = 5/8”
- **2** = 5/8” x 3/4”
- **3** = 3/4”
- **4** = 1”

All Configurations Not Available,
Contact Factory for Verification of Configuration.











THE CUSTOMER IS THE BOSS

EST. 1856

McDonald

Meter Boxes

Water Works Catalog / Price List - April 2019

MORE THAN A BRAND. **WE'RE A FAMILY.**

772 “G” Series Meter Box

5/8”, 5/8” X 3/4” METER - SINGLE

The “G” Series Meter Yoke Boxes utilize an expander for meter installation and are economical with having no bottom. It’s designed to hold 5/8” or 5/8” x 3/4” standard meter, and is installed in the service line as a unit that adapts to various service line materials.

A Standard “G” Box Includes:

- Cast iron meets ASTM A48, Class 25
- No-Lead water works brass
- Cast iron locking lid
- Expansion connection
- Economical installation
- Standard inlet ball valve
- Standard straight connection outlet

Benefits

- Strength and longevity
- Meets AWWA C800 latest revision
- Secures meter installation
- Quick and easy wrench free meter change outs
- Requires only minimal excavation (8” depth)
- Easily operated, designed for years of trouble free service

Single “G” Box



Top view without lid



Side view



Top view with locking-lid

Standard Ball Valve x Straight Coupling (BC)

Model	Inlet Connection	Outlet Connection	Carton PCS/WT	Price
772-2--BCPP 332	3/4" MNPT	3/4” MNPT	1/28	$221.44
772-2--BC22 332	3/4" -22 CTS	3/4” -22 CTS	1/31	$247.90

Hardware Assembly Only for (BC) Series Single “G” Box

Model	Inlet Connection	Outlet Connection	Carton PCS/WT	Price
772-2SABCPP 33	3/4" MNPT	3/4” MNPT	1/4	$133.25
772-2SABC22 33	3/4" CTS	3/4” CTS	1/4	$170.35

Lids Only



75L1

Lockless Lid ONLY

Carton PCS/WT	Price
5/28	$21.40



75L3

Locking Lid ONLY with hole

Carton PCS/WT	Price
5/24	$25.08



75L6

Locking Lid ONLY with flip-read

Carton PCS/WT	Price
5/30	$32.21



75L2

Locking Lid ONLY

Carton PCS/WT	Price
5/25	$21.40

75L5

Lockless Lid ONLY with hole

Carton PCS/WT	Price
5/24	$25.08

75L2X800

Plastic Locking Lid ONLY

Carton PCS/WT	Price
15/13	$21.40

772 “G” Series Meter Box

5/8”, 5/8” X 3/4” METER - DOUBLE

The “G” Series Meter Yoke Boxes utilize an expander for meter installation and are economical with having no bottom. It’s designed to hold 5/8” or 5/8” x 3/4” standard meter, and is installed in the service line as a unit that adapts to various service line materials.

A Standard “G” Box Includes:

- Cast iron meets ASTM A48, Class 25
- No-Lead water works brass
- Cast iron locking lid
- Expansion connection
- Economical installation
- Standard inlet ball valve
- Standard straight connection outlet

Benefits

- Strength and longevity
- Meets AWWA C800 latest revision
- Secures meter installation
- Quick and easy wrench free meter change outs
- Requires only minimal excavation (8” depth)
- Easily operated, designed for years of trouble free service

Double “G” Box



With locking two-hole lid



Without lid



Side view



Inlet View

Standard Ball Valve x Straight Coupling (BC) with Straight Branch Inlet (D)

Model	Inlet Connection	Outlet Connection	Carton PCS/WT	Price
772D2--BCGP 432	1" FNPT	3/4” MNPT	1/51	$502.77
772D2--BC22 432	1"-22 CTS	3/4”-22 CTS	1/48	$520.15

Hardware Assembly Only for (BC) Series Double “G” Box - Straight Branch

Model	Inlet Connection	Outlet Connection	Carton PCS/WT	Price
772D2SABCGP 43	1" FNPT	3/4” MNPT	1/13	$332.40
772D2SABC22 43	1”-22 CTS	3/4”-22 CTS	1/9	$383.48

Standard Ball Valve x Straight Coupling (BC) with Angle Branch Inlet (F)

Model	Inlet Connection	Outlet Connection	Carton PCS/WT	Price
772F2--BCGP 432	1" FNPT	3/4” MNPT	1/47	$524.85
772F2--BC22 432	1"-22 CTS	3/4”-22 CTS	1/48	$547.46

Hardware Assembly Only for (BC) Series Double “G” Box - Angle Branch

Model	Inlet Connection	Outlet Connection	Carton PCS/WT	Price
772F2SABCGP 43	1" Angle FNPT	3/4” MNPT	1/8	$346.14
772F2SABC22 43	1" Angle-22 CTS	3/4”-22 CTS	1/9	$389.76

Lids Only

72DL2

Locking Lid

Carton PCS/WT	Price
5/48	$45.30

72DL2TT

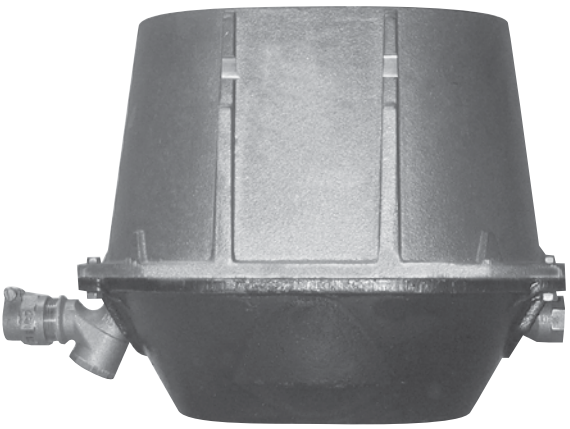
Locking Lid with Two Holes

Carton PCS/WT	Price
5/15	$36.01

775 Series

5/8” OR 5/8” X 3/4” METER

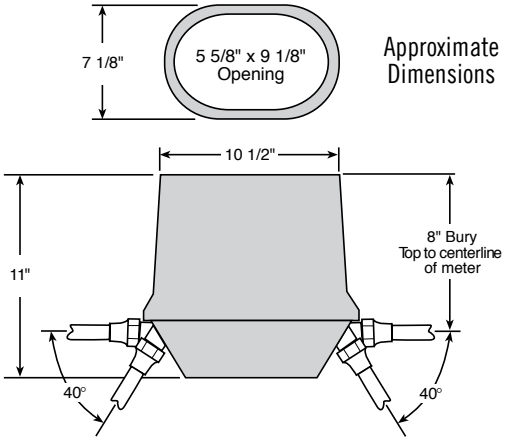
Straight and angle valves are available for the yokebox inlet and outlet, 8” bury is standard. Angle valves are 60° from horizontal. Straight back flow or connection outlets are available. Cast iron base keeps out dirt, mud, and pests, resulting in a cleaner meter. Holes in the base provide drainage.



Cast iron base, upper section, and lid are black dip coated to help prevent rust. Expansion connection and gaskets are also included with package.

A standard fully assembled yokebox includes:

- Cast Iron Base
- Upper Section (Cast Iron or Plastic)
- Cast Iron Locking lid standard
- Inlet and Outlet Connection
- Shallow center line of meter 8” below grade



NOTE: All combinations may not be available with all models. Contact factory for further information.

LID OPTIONS

For custom logo lids, contact factory.



75L1 - Lockless



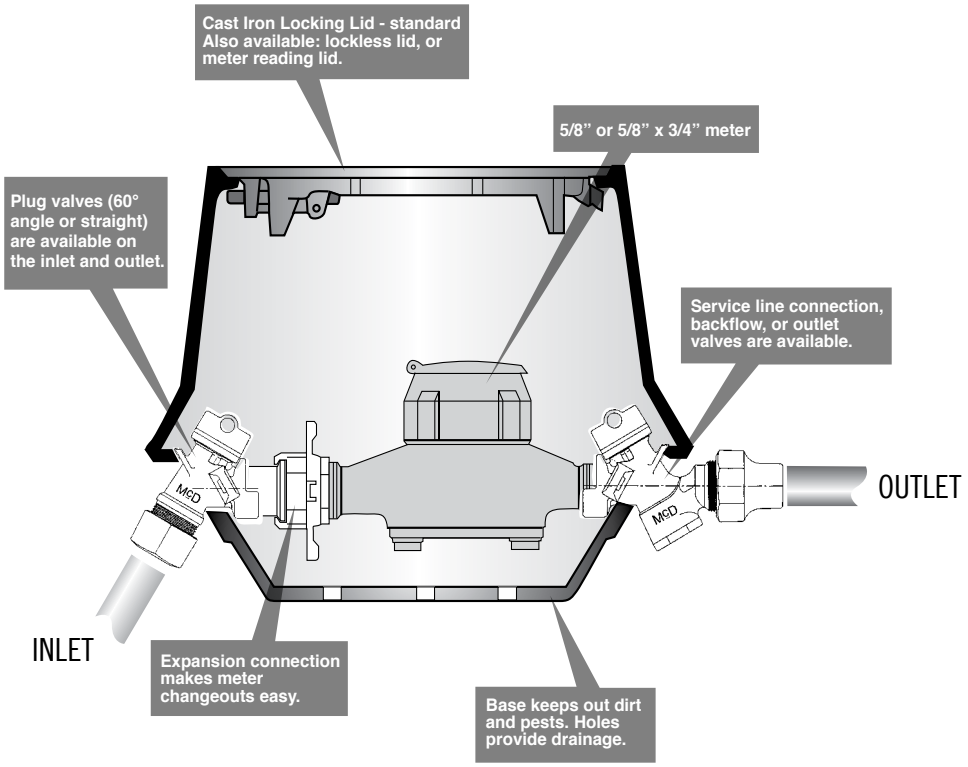
75L2 - Locking (standard)



75L3 - Locking with2" Hole



75L6 - Locking withFlip-Lid



775 Series

FOR 5/8" OR 5/8" X 3/4" METER

To order Yoke Boxes - Model No. **775-208LCCG 332 X 800** means:

775	-	2	08	L C	C G		3 3	2	X	801
				INLET OUTLET	INLET OUTLET					

Series
775-Yokebox

Style
– = Standard
P = Plastic upper section

Meter Size
1 = 5/8"
2 = 5/8" x 3/4"

Meter Depth
05 = 5" Cast iron upper section
08 = 8" Cast iron or plastic upper section
10 = 10" Cast iron upper section

NOTE: For 4" plastic riser, add 04" to meter depth

Inlet and Outlet Valves
A = Angle Ball Valve
B = Straight Ball Valve
C = Straight connection outlet
D = Straight dual check
L = Angle plug valve
P = Straight plug valve

Blank Space

Size-Inlet and Outlet
3 = 3/4"
4 = 1"

Type of Lid
1 = Lockless lid
2 = Locking lid (standard)
3 = Locking lid with 2" dia. hole
4 = Locking lid with removable 2" dia. plug
5 = Lockless lid with 2" dia. hole
6 = Locking lid with flip lid
7 = Lockless lid with removable 2" plug

Type of Lid Option
800 = Plastic lid
801 = Plastic lid with reader mount

Type of connection - Inlet and Outlet

A = Angle Ball Valve
B = 3/4" -3G PEP Compression
G = 3/4" FNPT
Q = 3/4" or 1" Q CTS Compression
T = 3/4" or 1" T CTS Compression
V = 3/4" or 1" G CTS Compression
W = 3/4" or 1" H CTS Compression
Y = 3/4" -3H PEP Compression
Z = 3/4" -3Q PEP Compression
2 = 3/4" or 1" -22 CTS Compression
3 = 3/4" -33 PEP-7 Compression
4 = 3/4" -44 PVC Compression
5 = 3/4" -55 IP Compression

B = Straight Ball Valve
B = 3/4" -3G PEP Compression
C = 3/4" Copper Flare
D = 3/4" Dual Purpose
G = 3/4" FNPT Integral
H = 3/4" Copper Flare less flare nut
M = 3/4" or 1" MNPT Union
Q = 3/4" or 1" Q CTS Compression
T = 3/4" or 1" T CTS Compression
V = 3/4" or 1" G CTS Compression
W = 3/4" or 1" H CTS Compression
Y = 3/4" -3H PEP Compression
Z = 3/4" -3Q PEP Compression
2 = 3/4" or 1" -22 CTS Compression
3 = 3/4" -33 PEP-7 Compression
4 = 3/4" -44 PVC Compression
5 = 3/4" -55 IP Compression

C = Straight Connection
B = 3/4" -3G PEP Compression
G = 3/4" FNPT
Q = 3/4" or 1" Q CTS Compression
T = 3/4" or 1" T CTS Compression
V = 3/4" or 1" G CTS Compression
W = 3/4" or 1" H CTS Compression
Y = 3/4" -3H PEP Compression
Z = 3/4" -3Q PEP Compression
2 = 3/4" or 1" -22 CTS Compression
3 = 3/4" -33 PEP-7 Compression
4 = 3/4" -44 PVC Compression
5 = 3/4" -55 IP Compression

D = Straight Dual Check
G = 3/4" FNPT
Q = 3/4" Q CTS Compression
T = 3/4" T CTS Compression
V = 3/4" G CTS Compression
W = 3/4" or 1" H CTS Compression
2 = 3/4" -22 CTS Compression

NOTE: All inlet/outlet combinations may not be available with all models. Contact factory for further information.

PLASTIC LID OPTIONS



L = Angle Plug Valve
B = 3/4" -3G PEP Compression
C = 3/4" Copper Flare
G = 3/4" FNPT
H = 3/4" Copper Flare less flare nut
Q = 3/4" or 1" Q CTS Compression
T = 3/4" or 1" T CTS Compression
V = 3/4" or 1" G CTS Compression
W = 3/4" or 1" H CTS Compression
Y = 3/4" -3H PEP Compression
Z = 3/4" -3Q PEP Compression
2 = 3/4" or 1" -22 CTS Compression
3 = 3/4" -33 PEP-7 Compression
4 = 3/4" -44 PVC Compression
5 = 3/4" -55 IP Compression

P = Straight Plug Valve
B = 3/4" -3G PEP Compression
C = 3/4" Copper Flare
D = 3/4" Dual Purpose
G = 3/4" FNPT Integral
H = 3/4" Copper Flare less flare nut
M = 3/4" MNPT Union
Q = 3/4" or 1" Q CTS Compression
T = 3/4" or 1" T CTS Compression
V = 3/4" or 1" G CTS Compression
W = 3/4" or 1" H CTS Compression
Y = 3/4" -3H PEP Compression
Z = 3/4" -3Q PEP Compression
2 = 3/4" or 1" -22 CTS Compression
3 = 3/4" -33 PEP-7 Compression
4 = 3/4" -44 PVC Compression
5 = 3/4" -55 IP Compression

775 Series

FOR 5/8" OR 5/8" X 3/4" METER

Angle Ball Valve Inlet x Straight Outlet (AC)

Model	Inlet Connection	Outlet Connection	Carton PCS/WT	Price
775-208AC1G 332	3/4" -22 CTS	3/4" FNPT	1/36	$307.97

Angle Ball Valve Inlet x Dual Check Outlet (AD)

Model	Inlet Connection	Outlet Connection	Carton PCS/WT	Price
775-208AD2G 332	3/4" -22 CTS	3/4" FNPT	1/36	$385.53

Straight Ball Valve Inlet x Straight Outlet (BC)

Model	Inlet Connection	Outlet Connection	Carton PCS/WT	Price
775-208BC2G 332	3/4" -22 CTS	3/4" FNPT	1/36	$314.43

Angle Plug Valve Inlet x Straight Outlet (LC)

Model	Inlet Connection	Outlet Connection	Carton PCS/WT	Price
775-208LC22 332	3/4" -22 CTS	3/4" -22CTS	1/36	$280.86
775-208LC22 442	1" -22 CTS	1" -22CTS	1/40	$303.47
775-208LC2G 332	3/4" -22 CTS	3/4" FNPT	1/35	$268.90
775-208LC2G 432	1" -22 CTS	3/4" FNPT	1/38	$278.74
775-208LC3G 332	3/4" -33 PEP-7	3/4" FNPT	1/33	$279.44
775-208LCQG 332	3/4" Q CTS	3/4" FNPT	1/36	$268.90
775-208LCQG 432	1" Q CTS	3/4" FNPT	1/34	$278.89
775-208LCTG 332	3/4" T CTS	3/4" FNPT	1/36	$268.90
775-208LCTG 432	1" T CTS	3/4" FNPT	1/36	$278.89

Angle Plug Valve Inlet x Straight Dual Check Outlet (LD)

Model	Inlet Connection	Outlet Connection	Carton PCS/WT	Price
775-208LD22 332	3/4" -22 CTS	3/4" -22 CTS	1/39	$357.74
775-208LD22 432	1" -22 CTS	3/4" -22 CTS	1/38	$368.78
775-208LD2G 332	3/4" -22 CTS	3/4" FNPT	1/39	$345.99
775-208LD2G 432	1" -22CTS	3/4" FNPT	1/38	$355.99
775-208LD4G 332	3/4" PVC	3/4" FNPT	1/38	$356.52
775-208LDQQ 332	3/4" Q CTS	3/4"Q CTS	1/35	$357.90
775-208LDTG 332	3/4" T CTS	3/4" FNPT	1/39	$345.97
775-208LDTT 332	3/4" T CTS	3/4" T CTS	1/35	$357.90

Angle Plug Valve Inlet x Angle Plug Outlet (LL)

Model	Inlet Connection	Outlet Connection	Carton PCS/WT	Price
775-208AC2G 332	3/4" -22 CTS	3/4" -22 CTS	1/35	$311.19

Straight Plug Valve Inlet x Straight Outlet (PC)

Model	Inlet Connection	Outlet Connection	Carton PCS/WT	Price
775-208PC22 332	3/4" -22 CTS	3/4" -22 CTS	1/37	$293.32
775-208PC22 442	1" -22 CTS	1" -22 CTS	1/37	$298.41
775-208PC2G 332	3/4" -22 CTS	3/4" FNPT	1/37	$291.53
775-208PC2G 432	1" -22 CTS	3/4" FNPT	1/37	$294.32
775-208PC3G 332	3/4" -33 PEP-7	3/4" FNPT	1/38	$303.77
775-208PCCG 332	3/4" Flare	3/4" FNPT	1/34	$279.86
775-208PCDG 332	3/4" Dual Purpose	3/4" FNPT	1/34	$279.86
775-208PCQG 432	1" Q CTS	3/4" FNPT	1/34	$294.32
775-208PCTG 432	1" T CTS	3/4" FNPT	1/34	$294.32

Straight Plug Valve Inlet x Straight Dual Check Outlet (PD)

Model	Inlet Connection	Outlet Connection	Carton PCS/WT	Price
775-208PD2G 332	3/4" -22 CTS	3/4" FNPT	1/38	$368.63
775-208PD2G 432	1" -22 CTS	3/4" FNPT	1/40	$382.64
775-208PDDG 332	3/4" Dual Purpose	3/4" FNPT	1/41	$359.45
775-208PDQG 332	3/4" Q CTS	3/4" FNPT	1/38	$368.63

ADDER FOR LID TYPES

Change last number in model

1 = **N/C**
2 = Standard
3 = Add **$ 3.49**
4 = Add **$ 10.00**
5 = Add **$ 3.49**
6 = Add **$ 15.07**
7 = Add **$ 10.00**
X800 = **N/C**
X801 = **$ 3.49**

YOKEBOX ADDERS AND OPTIONS

P Plastic upper section for 8" Yokebox
deduct ..... (-**$ 40.25**)

05 Yokebox with 5" meter depth cast iron upper section
deduct ..... (-**$ 18.67**)

09 Yokebox with 9" meter depth - 5" cast iron upper section with 4" plastic riser
add ..... **$ 36.26**

10 Yokebox with 10" meter depth - cast iron upper section
add ..... **$ 17.02**

12 Yokebox with 12" meter depth - 8" cast iron upper section and 4" plastic riser
add ..... **$ 54.88**

14 Yokebox with 14" meter depth - 10" cast iron upper section and 4" plastic riser
add ..... **$ 71.77**

Lids Only

75L1
Lockless Lid ONLY

Carton PCS/WT	Price
5/28	$21.40

75L2
Locking Lid ONLY

Carton PCS/WT	Price
5/25	$21.40

75L3
Locking Lid ONLY with hole

Carton PCS/WT	Price
5/24	$25.08

75L5
Lockless Lid ONLY with hole

Carton PCS/WT	Price
5/24	$25.08

75L6
Locking Lid ONLY with flip-read

Carton PCS/WT	Price
5/30	$32.21

75L2X800
Plastic Locking Lid ONLY

Carton PCS/WT	Price
15/13	$21.40

775 Series
FOR 5/8" OR 5/8" X 3/4" METER

Parts & Accessories



75-US08 (Iron)

75-US05
Cast Iron Upper Section ONLY

Size	Carton PCS/WT	Price
5"	1/12	$41.07

75-US08
Cast Iron Upper Section ONLY

Size	Carton PCS/WT	Price
8"	1/19	$53.81



75PUS08 (Plastic)

75-US10
Cast Iron Upper Section ONLY

Size	Carton PCS/WT	Price
10"	1/19	$66.11



75PEX04
4" Plastic Riser

75PEX04
Plastic Riser

Size	Carton PCS/WT	Price
4"	5/8	$44.84



75GA2
Grade Adjuster

75GA2
Grade Adjuster, 2" Riser

Carton PCS/WT	Price
1/9	$47.22

ANGLE VALVES

74601A
Angle Plug Valve - Flare

Size	Carton PCS/WT	Price
3/4"	10/16	$80.03

74601A-22
Angle Plug Valve -22 CTS

Size	Carton PCS/WT	Price
3/4"	10/13	$82.62
1" x 3/4"	10/15	$97.05

74601AQ
Angle Plug Valve - Q CTS

Size	Carton PCS/WT	Price
3/4"	10/15	$82.62
1" x 3/4"	10/19	$97.05

74601AT
Angle Plug Valve - T CTS

Size	Carton PCS/WT	Price
3/4"	10/16	$82.62
1" x 3/4"	10/19	$97.05

74601A-33
Angle Plug Valve -33 PEP-7

Size	Carton PCS/WT	Price
3/4"	10/16	$97.05

STRAIGHT VALVES

73060A
Straight Plug Valve - Flare

Size	Carton PCS/WT	Price
3/4"	10/20	$97.11

73060A-22
Straight Plug Valve -22 CTS

Size	Carton PCS/WT	Price
3/4"	10/20	$100.06
1" x 3/4"	10/20	$118.61

73060AQ
Straight Plug Valve - Q CTS

Size	Carton PCS/WT	Price
3/4"	10/19	$100.06
1" x 3/4"	10/22	$118.61

73060AT
Straight Plug Valve - T CTS

Size	Carton PCS/WT	Price
3/4"	10/30	$100.06
1" x 3/4"	10/20	$118.61

73060A-33
Straight Plug Valve -33 PEP-7

Size	Carton PCS/WT	Price
3/4"	10/21	$120.96

73060ADP
Straight Plug Valve - Dual Purpose

Size	Carton PCS/WT	Price
3/4"	10/21	$97.33

YOKE BOX DUAL CHECK VALVES

711-3WE
Meter cradle x FNPT

Size	Carton PCS/WT	Price
33	16/23	$108.01

711-3WV
Meter cradle x Q CTS

Size	Carton PCS/WT	Price
33	16/28	$121.12

711-3W2
Meter cradle x -22 CTS

Size	Carton PCS/WT	Price
33	16/27	$121.12

711-3WT
Meter cradle x T CTS

Size	Carton PCS/WT	Price
33	16/28	$121.12

775 Series

FOR 1" METER

Straight Ball Valves are standard on the 1" yokebox inlet, 10" bury is standard. Cast Iron base keeps out dirt, mud, and pests, resulting in a cleaner meter. Holes in the base provide drainage.

Cast iron base, upper section, and lid are black dip coated to prevent rust. Expansion connection and gaskets are also included with package.



A standard fully assembled yokebox includes:

- Cast Iron Housing Construction
- Locking Cast Iron Lid
- 1" Ball Style Inlet Valve with FNPT
- Straight Outlet with 1" FNPT

Straight Ball Valve

Inlet x Straight Outlet

Model	Inlet Connection	Outlet Connection	Carton PCS/WT	Price
775-410BCGG 442	1" FNPT	1" FNPT	1/80	$583.70

To order 1" Yoke Box - Model No. **775-410BCGG 442** means:

775 — **Series**
775-Yokebox

– — **Style**
– = Standard

4 — **Meter Size**
4 = 1" Meter

10 — **Meter Depth**
10 = 10" Cast iron upper section

B C (INLET OUTLET) — **Inlet and Outlet Valves**
B = Straight Ball Style Inlet Valve
C = Straight connection outlet

G G (INLET OUTLET) — **Type of connection-Inlet and Outlet Straight Connection**
G = 1" FNPT

Blank Space

4 4 — **Size-Inlet and Outlet**
4 = 1"

2 — **Type of Lid**
1 = Lockless lid
2 = Locking lid (standard)
3 = Locking lid with 2" dia. hole
4 = Locking lid with 2" dia. hole with removable plug
5 = Lockless lid with 2" dia. hole
7 = Lockless lid with 2" dia. hole with removable plug

Lids Only

75L41

Lockless Lid ONLY

Carton PCS/WT	Price
1/12	$37.37

75L42

Locking Lid ONLY

Carton PCS/WT	Price
4/42	$40.91

75-4US10

Upper Section ONLY

Carton PCS/WT	Price
1/38	$109.05

75L43

Locking Lid ONLY with hole

Carton PCS/WT	Price
4/44	$37.37

75L45

Lockless Lid ONLY with hole

Carton PCS/WT	Price
5/53	$40.91

776 Series

FOR 5/8” OR 5/8” X 3/4” METER

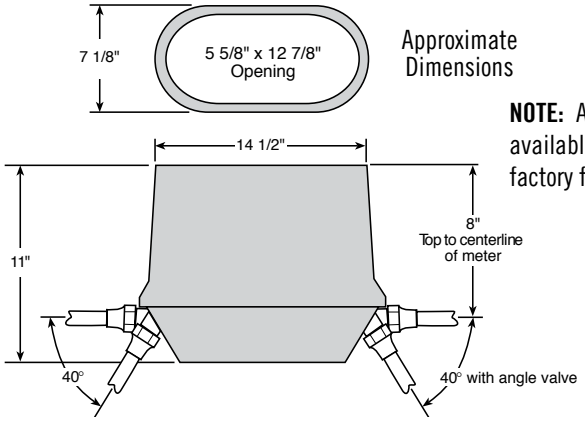
Straight or angle valves are available for the longbox inlet and outlet, 8” bury is standard. Angle valves are 60° from horizontal. Straight connection outlets are also available.

Cast iron base keeps out dirt, mud, and pests, resulting in a cleaner meter. Holes in the base provide drainage. Cast iron base, upper section, and lid are black dip coated to prevent rust. Expansion connection, gaskets, and ASSE 1024 inline dual check valve are included with package.



A standard fully assembled longbox includes:

- Cast Iron Base
- Upper Section (Cast Iron or Plastic)
- Cast Iron Locking lid standard
- Inlet and Outlet Connection
- Shallow center line of meter 8” below grade
- 5/8” two 10J12 bushing



Approximate Dimensions

NOTE: All combinations may not be available with all models. Contact factory for further information.

LID OPTIONS

For custom logo lids, contact factory.



76L1 - Lockless



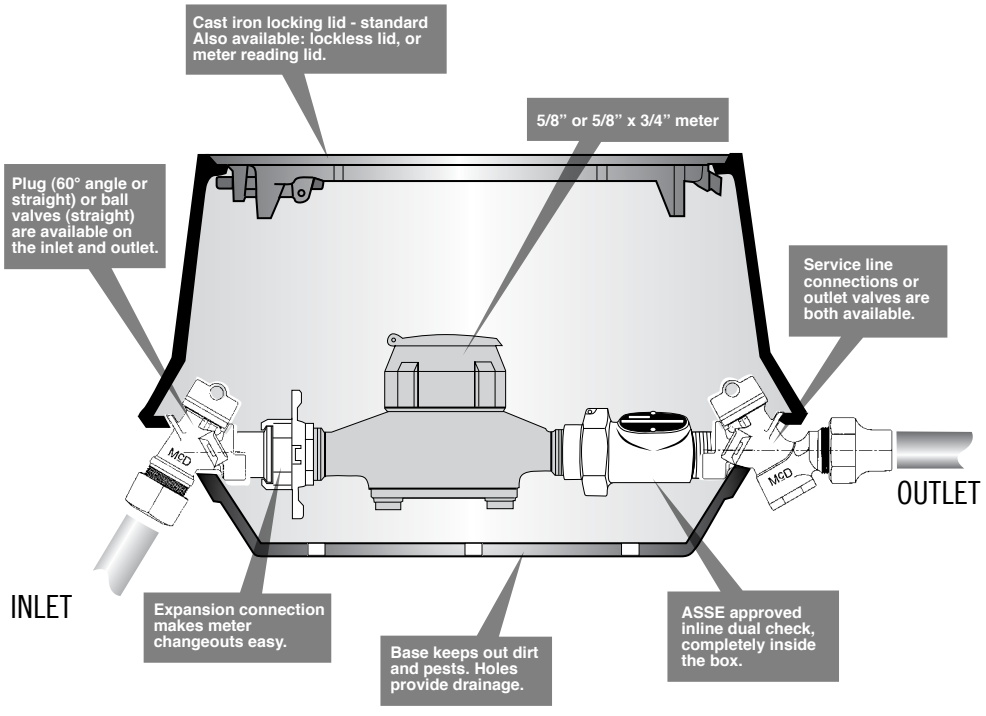
76L2 - Locking (standard)



76L3 - Locking with 2" Hole



76L5 - Lockless with 2" Hole



776 Series

5/8" OR 5/8" X 3/4" METER

To order Long Boxes - Model No. **776-208LCCG 332 X 801** means:

776	-	2	08	L C	C G		3 3	2	X	801
				INLET OUTLET	INLET OUTLET					

Series
776-Longbox

Style
– = Standard
P = Plastic upper section

Meter Size
1 = 5/8" (withtwo 10J12 adapters)
2 = 5/8" x 3/4"

Meter Depth
08 = Cast iron or plastic upper section
12 = Cast iron or plastic upper section with 4" plastic extension (long box only)

Inlet and Outlet Valves
A = Angle ball valve
B = Straight ball valve
C = Straight connection outlet
L = Angle plug valve
P = Straight plug valve

Blank Space

Size-Inlet and Outlet
3 = 3/4"
4 = 1"

Type of Lid
1 = Lockless lid
2 = Locking lid (standard)
3 = Locking lid with 2" dia. hole
4 = Locking lid with removable 2" dia. plug
5 = Lockless lid with 2" dia. hole
7 = Lockless lid with removable 2" plug

Type of Lid Option
800 = Plastic lid
801 = Plastic lid with reader mount bracket

Type of connection - Inlet and Outlet

A = Angle Ball Valve
B = 3/4" -3G PEP Compression
C = 3/4" Copper Flare
G = 3/4" FNPT
Q = 3/4" or 1" Q CTS Compression
T = 3/4" or 1" T CTS Compression
V = 3/4" or 1" G CTS Compression
W = 3/4" or 1" H CTS Compression
Y = 3/4" -3H PEP Compression
Z = 3/4" -3Q PEP Compression
2 = 3/4" or 1" -22 CTS Compression
3 = 3/4" -33 PEP-7 Compression
4 = 3/4" -44 PVC Compression
5 = 3/4" -55 IP Compression

B = Straight Ball Valve
B = 3/4" -3G PEP Compression
C = 3/4" Copper Flare
D = 3/4" Dual Purpose
G = 3/4" FNPT Integral
H = 3/4" Copper Flare less flare nut
M = 3/4" or 1" MNPT Union
Q = 3/4" or 1" Q CTS Compression
T = 3/4" or 1" T CTS Compression
V = 3/4" or 1" G CTS Compression
W = 3/4" or 1" H CTS Compression
Y = 3/4" -3H PEP Compression
Z = 3/4" -3Q PEP Compression
2 = 3/4" or 1" -22 CTS Compression
3 = 3/4" -33 PEP-7 Compression
4 = 3/4" -44 PVC Compression
5 = 3/4" -55 IP Compression

C = Straight Connection
B = 3/4" -3G PEP Compression
G = 3/4" FNPT
Q = 3/4" or 1" Q CTS Compression
T = 3/4" or 1" T CTS Compression
V = 3/4" or 1" G CTS Compression
W = 3/4" or 1" H CTS Compression
Y = 3/4" -3H PEP Compression
Z = 3/4" -3Q PEP Compression
2 = 3/4" or 1" -22 CTS Compression
3 = 3/4" -33 PEP-7 Compression
4 = 3/4" -44 PVC Compression
5 = 3/4" -55 IP Compression

L = Angle Plug Valve
B = 3/4" -3G PEP Compression
C = 3/4" Copper Flare
G = 3/4" FNPT
H = 3/4" Copper Flare less flare nut
Q = 3/4" or 1" Q CTS Compression
T = 3/4" or 1" T CTS Compression
V = 3/4" or 1" G CTS Compression

L = Angle Plug Valve - *continued*
W = 3/4" or 1" H CTS Compression
Y = 3/4" -3H PEP Compression
Z = 3/4" -3Q PEP Compression
2 = 3/4" or 1" -22 CTS Compression
3 = 3/4" -33 PEP-7 Compression
4 = 3/4" -44 PVC Compression
5 = 3/4" -55 IP Compression

P = Straight Plug Valve
B = 3/4" -3G PEP Compression
C = 3/4" Copper Flare
D = 3/4" Dual Purpose
G = 3/4" FNPT Integral
H = 3/4" Copper Flare less flare nut
M = 3/4" MNPT Union
Q = 3/4" or 1" Q CTS Compression
T = 3/4" or 1" T CTS Compression
V = 3/4" or 1" G CTS Compression
W = 3/4" or 1" H CTS Compression
Y = 3/4" -3H PEP Compression
Z = 3/4" -3Q PEP Compression
2 = 3/4" or 1" -22 CTS Compression
3 = 3/4" -33 PEP-7 Compression
4 = 3/4" -44 PVC Compression
5 = 3/4" -55 IP Compression

PLASTIC LID OPTIONS



76L2 X801

NOTE: All combinations may not be available with all models. Contact factory for further information.

776 Series

5/8” OR 5/8” X 3/4” METER

Angle Ball Valve Inlet x Angle Ball Valve Outlet (AA)

Model	Inlet Connection	Outlet Connection	Carton PCS/WT	Price
776-208AAVV 332	3/4” G CST	3/4” G CST	1/55	$578.01

Angle Ball Valve Inlet x Straight Connection Outlet (AC)

Model	Inlet Connection	Outlet Connection	Carton PCS/WT	Price
776-208AC22 332	3/4" -22 CTS	3/4" -22 CTS	1/55	$518.42
776-208AC2G 332	3/4" -22 CTS	3/4" FNPT	1/55	$503.02
776-208AC2G 432	1" -22 CTS	3/4" FNPT	1/55	$522.77
776-208ACCG 332	3/4" FLARE	3/4" FNPT	1/55	$507.39
776-208ACQG 332	3/4" Q CST	3/4" FNPT	1/54	$503.02
776-208ACQG 432	1" Q CTS	3/4" FNPT	1/53	$522.64
776-208ACTG 432	1" T CTS	3/4" FNPT	1/53	$522.64
776-208ACZG 332	3/4" -3Q PEP	3/4" FNPT	1/53	$513.54

Straight Ball Valve Inlet x Straight Ball Valve Outlet (BB)

Model	Inlet Connection	Outlet Connection	Carton PCS/WT	Price
776-208BB22 332	3/4" -22 CTS	3/4" -22 CTS	1/1	$557.58
776-208BBQG 332	3/4" Q CST	3/4" FNPT	1/54	$543.79
776-208BBQQ 332	3/4" Q CST	3/4" Q CST	1/54	$557.58
776-208BBTG 332	3/4" T CTS	3/4" FNPT	1/55	$543.79
776-208BBTT 332	3/4" T CTS	1" T CTS	1/55	$557.58

Straight Ball Valve Inlet x Straight Connection Outlet (BC)

Model	Inlet Connection	Outlet Connection	Carton PCS/WT	Price
776-208BC2G 332	3/4"-22 CTS	3/4” FNPT	1/54	$469.09
776-208BCFG 432	1" FNPT	3/4" FNPT	1/54	$464.54
776-208BCGG 332	3/4" FNPT	3/4" FNPT	1/54	$448.84
776-208BCQG 332	3/4" Q CST	3/4" FNPT	1/54	$469.09
776-208BCTG 332	3/4" T CTS	3/4” FNPT	1/54	$469.09
776-208BCVG 332	3/4" G CST	3/4” FNPT	1/54	$470.68
776-208BCVG 432	1" G CST	3/4” FNPT	1/54	$490.85

Angle Plug Valve Inlet x Straight Connection Outlet (LC)

Model	Inlet Connection	Outlet Connection	Carton PCS/WT	Price
776-208LC22 332	3/4"-22 CTS	3/4"-22 CTS	1/54	$451.90
776-208LC22 442	1"-22 CTS	1"-22 CTS	1/54	$469.15
776-208LC2G 332	3/4"-22 CTS	3/4" FNPT	1/54	$437.59
776-208LC2G 432	1"-22 CTS	3/4" FNPT	1/54	$501.08
776-208LC2G 442	1"-22 CTS	1" FNPT	1/54	$458.19
776-208LC3G 332	3/4"-33 PEP-7	3/4" FNPT	1/54	$447.64
776-208LCBG 332	3/4"-3G PEP	3/4" FNPT	1/56	$447.64
776-208LCCG 332	3/4" FLARE	3/4" FNPT	1/54	$435.85
776-208LCQG 332	3/4" Q CST	3/4" FNPT	1/55	$437.59
776-208LCTG 332	3/4" T CTS	3/4" FNPT	1/54	$437.59
776-208LCTG 432	1" T CTS	3/4" FNPT	1/54	$458.16
776-208LCVG 332	3/4" G CST	3/4" FNPT	1/54	$437.59
776-208LCZG 332	3/4"-3Q PEP	3/4" FNPT	1/54	$447.64

Angle Plug Valve Inlet x Angle Plug Valve Outlet (LL)

Model	Inlet Connection	Outlet Connection	Carton PCS/WT	Price
776-208LLCT 332	3/4" FLARE	3/4" T CTS	1/54	$487.39
776-208LLTT 332	3/4" T CTS	3/4" T CTS	1/54	$487.68
776-208LLVV 332	3/4" G CST	3/4" G CST	1/54	$487.68
776-208LLVV 432	1" G CST	3/4" G CST	1/54	$489.88

Straight Plug Valve Inlet x Straight Connection Outlet (PC)

Model	Inlet Connection	Outlet Connection	Carton PCS/WT	Price
776-208PC2G 332	3/4"-22 CTS	3/4" FNPT	1/54	$445.24
776-208PC2G 432	1"-22 CTS	3/4" FNPT	1/54	$461.02
776-208PC3G 332	3/4"-33 PEP-7	3/4" FNPT	1/52	$459.48
776-208PCDG 332	3/4" Dual Purpose	3/4" FNPT	1/52	$451.12
776-208PCQG 332	3/4" Q CST	3/4" FNPT	1/52	$445.24
776-208PCQG 432	1" Q CTS	3/4" FNPT	1/52	$470.28
776-208PCQQ 332	3/4" Q CST	3/4" Q CST	1/52	$453.73
776-208PCTG 332	3/4" T CTS	3/4" FNPT	1/55	$445.24
776-208PCVG 432	3/4" G CST	3/4" FNPT	1/54	$461.02

ADDER FOR LID TYPES

Change last number in model

1 = **N/C**
2 = Standard
3 = Add **$ 3.49**
4 = Add **$ 10.00**
5 = Add **$ 3.49**
7 = Add **$ 10.00**
X800 = **N/C**
X801 = **$ 3.49**

LONGBOX ADDERS AND OPTIONS

P Plastic upper section for 8” Yokebox
deduct ..... (**-$ 68.12**)

12 Longbox with 12” meter depth -
add ..... **$ 80.63**

Contact Factory for other options.

Parts & Accessories
776 Series
5/8" OR 5/8" X 3/4" METER

Longbox



76-US08 (Iron)



76PUS08 (Plastic)



4" Riser
76PEX04 = Plastic
76-EX04 = Cast Iron



76-2CF
Concrete Anchor Flange

76-2CF
Concrete Anchor Flange

Size	Carton PCS/WT	Price
	1/16	$ 103.77

76-US08
8" Upper Section ONLY - Cast Iron

Carton PCS/WT	Price
1/26	$115.35

76-US12
12" Upper Section Only - Cast Iron

Carton PCS/WT	Price
1/43	$181.72

76PUS08
8" Upper Section ONLY - Plastic

Carton PCS/WT	Price
1/3	$59.26

76PEX04
4" Plastic Extension Only

Carton PCS/WT	Price
5/9	$34.26

76PEXS
Screws Packaged for Plastic Extenion

Carton PCS/WT	Price
40/1	$0.61

76-EX04
4" Cast Iron Extension

Carton PCS/WT	Price
2/28	$66.38

776-2J
Long box idler

Carton PCS/WT	Price
1/3	$69.88

776-2SA
Hardware Package for 76 Series, Dual Check, Gaskets, and Expander

Carton PCS/WT	Price
1/3	$152.08

Lids Only

76L1
Lockless Cover ONLY

Carton PCS/WT	Price
5/30	$33.47

76L2
Locking Cover ONLY

Carton PCS/WT	Price
5/34	$33.47

76L3
Locking Lid ONLY withhole

Carton PCS/WT	Price
5/33	$37.17

76L5
Lockless Lid ONLY withhole

Carton PCS/WT	Price
5/30	$37.17

76L2X800
Plastic Locking Lid ONLY

Carton PCS/WT	Price
5/9	$33.47

Parts & Accessories
776 Series
5/8" X 3/4" METER

STRAIGHT VALVES

73060A
Straight Plug Valve - Flare

Size	Carton PCS/WT	Price
3/4"	10/20	$97.11

73060A-22
Straight Plug Valve -22 CTS

Size	Carton PCS/WT	Price
3/4"	10/20	$100.06
1" x 3/4"	10/20	$118.61

73060AQ
Straight Plug Valve - Q CTS

Size	Carton PCS/WT	Price
3/4"	10/19	$100.06
1" x 3/4"	10/22	$118.61

73060AT
Straight Plug Valve - T CTS

Size	Carton PCS/WT	Price
3/4"	10/30	$100.06
1" x 3/4"	10/20	$118.61

73060A-33
Straight Plug Valve -33 PEP-7

Size	Carton PCS/WT	Price
3/4"	10/21	$120.96

73060ADP
Straight Plug Valve - Dual Purpose

Size	Carton PCS/WT	Price
3/4"	10/21	$97.33

76100A
Straight Ball Valve - Flare

Size	Carton PCS/WT	Price
3/4" x 5/8" x 3/4"	10/15	$140.75

76100A-22
Straight Ball Valve -22 CTS

Size	Carton PCS/WT	Price
3/4" x 5/8" x 3/4"	10/16	$143.08

76100AQ
Straight Ball Valve - Q CTS

Size	Carton PCS/WT	Price
3/4" x 5/8" x 3/4"	10/15	$143.08

76100AT
Straight Ball Valve - T CTS

Size	Carton PCS/WT	Price
3/4" x 5/8" x 3/4"	10/15	$143.08

76101ADP
Straight Ball Valve - Double Purp

Size	Carton PCS/WT	Price
3/4" x 5/8" x 3/4"	10/12	$143.90

76101A
Straight Ball Valve - FNPT

Size	Carton PCS/WT	Price
3/4" x 5/8" x 3/4"	10/10	$124.73

ANGLE VALVES

74601A
Angle Valve - Flare

Size	Carton PCS/WT	Price
3/4"	10/16	$80.03

74601A-22
Angle Valve -22 CTS

Size	Carton PCS/WT	Price
3/4"	10/13	$82.62
1" x 3/4"	10/15	$97.05

74601AQ
Angle Valve - Q CTS

Size	Carton PCS/WT	Price
3/4"	10/15	$82.62
1" x 3/4"	10/19	$97.05

74601AT
Angle Valve - T CTS

Size	Carton PCS/WT	Price
3/4"	10/16	$82.62
1" x 3/4"	10/19	$97.05

74601A-33
Angle Valve -33 PEP-7

Size	Carton PCS/WT	Price
3/4"	10/16	$97.05

74641BA
Angle Ball Valve - Flare

Size	Carton PCS/WT	Price
3/4" x 5/8" x 3/4"	10/19	$159.39

74641BA-22
Angle Ball Valve -22 CTS

Size	Carton PCS/WT	Price
3/4" x 5/8" x 3/4"	10/18	$161.98
1" x 5/8" x 3/4"	10/20	$188.00

74641BAQ
Angle Ball Valve - Q CTS

Size	Carton PCS/WT	Price
3/4" x 5/8" x 3/4"	10/16	$161.98
1" x 5/8" x 3/4"	10/21	$188.00

74641BAT
Angle Ball Valve - T CTS

Size	Carton PCS/WT	Price
3/4" x 5/8" x 3/4"	10/17	$161.98
1" x 5/8" x 3/4"	10/20	$188.00

74641BA-33
Angle Ball Valve -33 PEP-7

Size	Carton PCS/WT	Price
3/4" x 5/8" x 3/4"	10/15	$173.67

STRAIGHT OUTLET CONNECTIONS

74754AB
Straight Connection
FNPT for Ball Valve Box

Size	Carton PCS/WT	Price
3/4"	10/7	$32.75

74754AP
Straight Connection
FNPT for Plug Valve Box

Size	Carton PCS/WT	Price
3/4"	10/6	$32.75

74754AB-22
Straight Connection -22 CTS

Size	Carton PCS/WT	Price
3/4"	10/10	$51.05

74754ABQ
Straight Connection - Q CTS

Size	Carton PCS/WT	Price
3/4"	10/10	$51.05

74754ABT
Straight Connection - T CTS

Size	Carton PCS/WT	Price
3/4"	10/10	$51.05

Complete Long Box Package for 1” Meter - 776 Series

1” METER

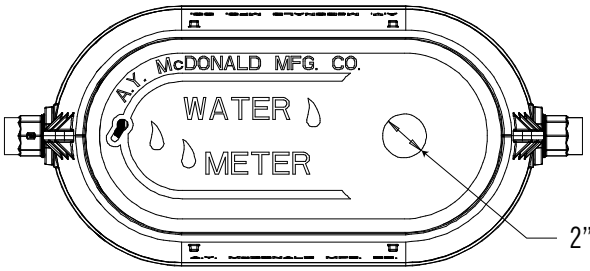
Need a complete and compact 1” meter setting package for a moderate to warm climate? A.Y. McDonald has the right yoke and longbox assembly to meet your needs.

Features

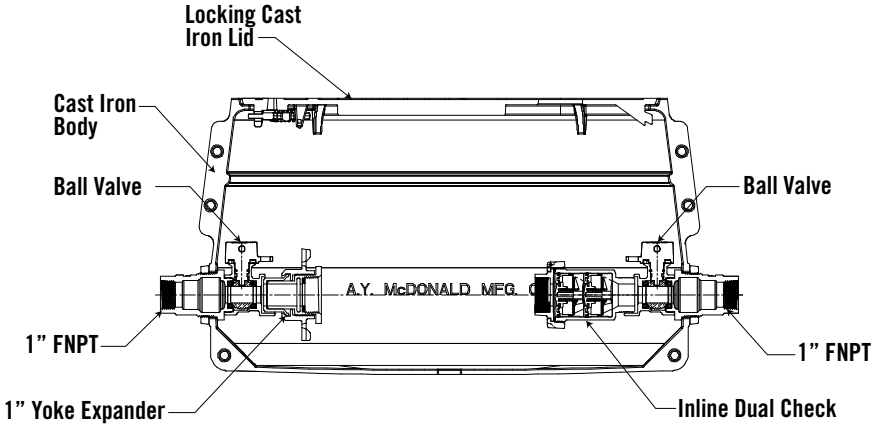
- Cast Iron base and lid
- Made from durable cast iron meeting ASTM A126 Class B (25,000 PSI tensile strength)
- Locking lids are provided as standard
- Includes a hole in base of drainage
- Provides automatic spacing and alignment for the meter
- Meter can be inserted at any time during or after the installation of the meter box
- The inlet, outlet, dual check and expansion connection are made of waterworks brass meeting the latest revision of AWWA Standard C800
- Removable dual cartridge check valve which meets ASSE 1024 requirements
- Female National Pipe Threaded connections are supplied as standard
- Male Iron Pipe Thread straight, 45º and 90º connections available
- Straight ball type inlet and outlet valves













Complete Long Box Package for 1” Meter - 776 Series

1” METER

776-409BBGG 442

Complete Long Box Package for 1” Meter which includes a locking lid Integral 1” Female National Pipe Thread (FNPT) Connections on Standard Port Ball Valves In and Out, ASSE Dual Cartridge Check Valve – Female Meter Thread Union X Male Meter Thread Integral, and Expander

Model	Description	Carton PCS/WT	Price
776-409BBGG 442	1" FNPT Standard Ball Valve x 1" FNPT Standard Ball Valve	1/85	$776.90

776-4SABBGG 44

Brass Component Package for 1” Long Box which includes Standard Port Ball Valves with Integral 1” Female National Pipe Thread (FNPT) Connections, ASSE Approved Dual Cartridge Check Valve – Female Meter Thread Union X Male Meter Thread Integral, and Expander

Model	Description	Carton PCS/WT	Price
776-4SABBGG 44	Hardware 1” FNPT Stand Ball Valve x 1” FNPT Standard Ball Valve	1/12	$595.89
776-4SA	Expander and Dual Check Package - 1” Meter - NL	1/5	$300.50

776-409BBQQ 442

Complete Long Box Package for 1” Meter which includes a locking lid, Integral 1” Copper Tube Size Compression Connections (Q Series) on Standard Port Ball Valves In and Out, ASSE Dual Cartridge Check Valve – Female Meter Thread Union X Male Meter Thread Integral, and Expander

Model	Description	Carton PCS/WT	Price
776-409BBQQ 442	1” CTS Standard Ball Valve x 1” CTS Standard Ball Valve	1/86	$821.91

776-4SABBQQ 44

Brass Component Package for 1” Long Box which includes Standard Port Ball Valves with Integral 1” Copper Tube Size Compression Connections (Q Series), ASSE Approved Dual Cartridge Check Valve – Female Meter Thread Union X Male Meter Thread Integral, and Expander

Model	Description	Carton PCS/WT	Price
776-4SABBQQ 44	Hardware 1” CTS Stand Ball Valve x 1” CTS Standard Ball Valve	1/12	$658.01
776-4SA	Expander and Dual Check Package - 1” Meter - NL	1/5	$300.50

776-409BBVG 442 & 776-4SABBVG 44

Model	Description	Carton PCS/WT	Price
776-409BBVG 442	1” CTS Standard Ball Valve x 1” FNPT Standard Ball Valve	1/86	$751.81
776-4SABBVG 44	Hardware 1” CTS Stand Ball Valve x 1” FNPT Standard Ball Valve	1/12	$626.94
776-4SA	Expander and Dual Check Package - 1” Meter - NL	1/5	$300.50

776-409JJQQ 442 & 776-4SAJJQQ 44

Model	Description	Carton PCS/WT	Price
776-409JJQQ 442	1” CTS Full Port Ball Valve x 1” CTS Full Port Ball Valve	1/87	$866.83
776-4SAJJGG 44	Hardware 1” CTS Full Port Ball Valve x 1” CTS Full Port Ball Valve	1/12	$648.68
776-4SA	Expander and Dual Check Package - 1” Meter - NL	1/5	$300.50

Parts & Accessories

76101A 1 X 3/4 X 1

Standard Port Ball valve for 1” Long Box Female National Pipe Thread by Cradle

Size	Carton PCS/WT	Price
1” x 3/4” x 1”	10/3	$147.70

76100AYBQ 1 X 3/4 X 1

Standard Port Ball valve for 1” Long Box Copper Tube Size Compression Connections (Q Series) by Cradle

Size	Carton PCS/WT	Price
1” x 3/4” x 1”	10/3	$178.75

714-4EHG

Yoke Expander for 1” Meter

Size	Carton PCS/WT	Price
1”	18/31	$60.18

711-4NA 55

ASSE Approved Dual Cartridge Check Valve Female Meter Thread Union x Male Meter Thread Integral

Size	Carton PCS/WT	Price
	1/3	$240.32

777 Series

5/8", 5/8" X 3/4", 3/4" OR 1" METER

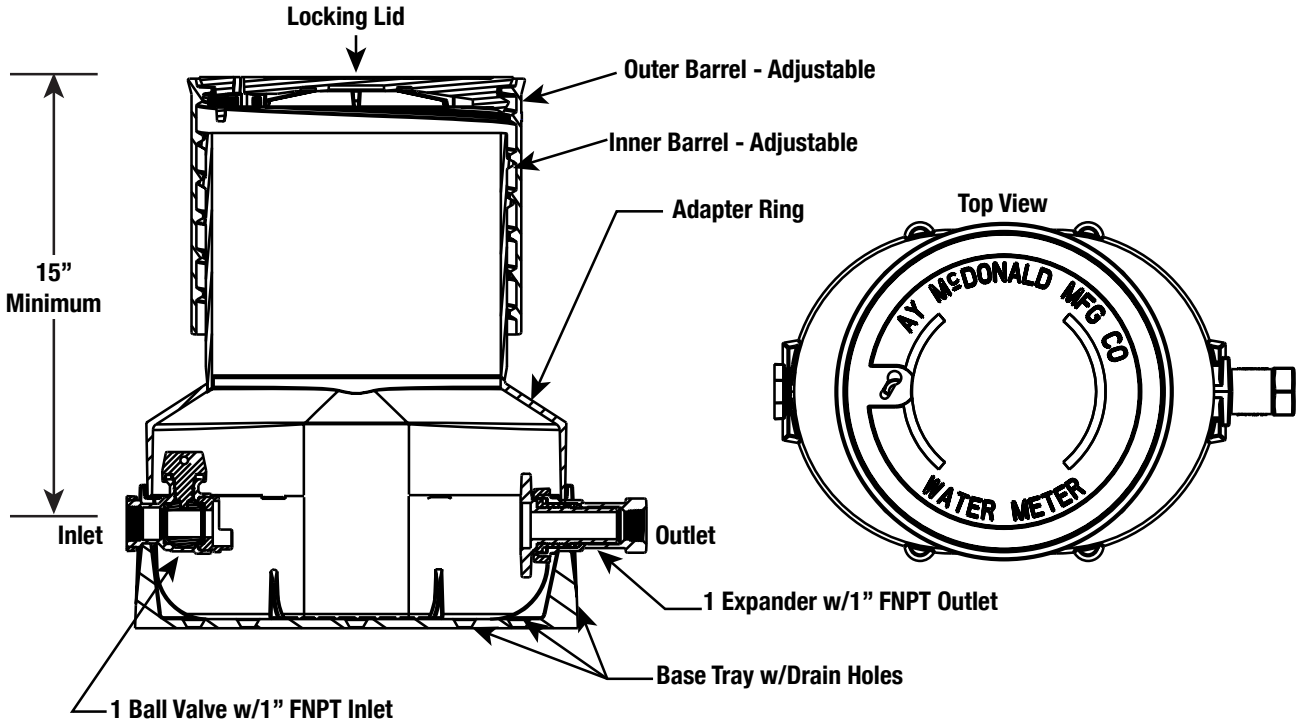
A.Y. McDonald Mfg. 777-Series meter box offers versatility in design and adaptability in service line connections. Adjustable to unexpected grade changes and service line specifications. The 777 Series provides a protective cast iron housing for water meters to one inch size and service line depths of 11 – 20". Options are available including integral Compression on 5/8" and 5/8" x 3/4" sizes, connection adapters, non-locking lids, lids for radio and touch read technology, and stationary non-adjustable top sections.

Drainage Holes in Base Casting. Cast iron base, upper section, and lid are black dip coated to prevent rust.



A standard fully assembled "CR" Meter Box package includes:

- Cast Iron Housing Construction
- Adjustable Top Section - R Version
- 300 PSI rated Ball Style Inlet Valve
- Female Pipe Thread Connections
- Integral Expansion Connection to the Meter
- Cast Iron Locking



1" 777R SERIES "CR" ROTATIONAL BOX SHOWN

777 Series

5/8", 5/8" X 3/4", 3/4" OR 1" METER



5/8" & 5/8" x 3/4" Meter



3/4" Meter



1" Meter

To order Long Boxes - Model No. **77R211BCCG 332** means:

777	R	2	11	B C	G G		3 3	2
				INLET OUTLET	INLET OUTLET			

Series
777-Series

Style
– = Non - Adjustable Upper Section
R = Rotational Upper Section

Meter Size
1 = 5/8" Meter
2 = 5/8" x 3/4" Meter
3 = 3/4" Meter
4 = 1" Meter

Minimum Meter Depth
11 = 5/8" & 5/8" x 3/4"
14 = 3/4"
15 = 1"

Inlet and Outlet Valves
B = Straight ball valve
C = Straight connection outlet

Type of connection- Inlet and Outlet
G = 3/4" or 1" FNPT
Q = 3/4" Q CTS Compression
T = 3/4" T CTS Compression
V = 3/4" G CTS Compression
W = 3/4" H CTS Compression
2 = 3/4" -22 CTS Compression

Blank Space

Size-Inlet and Outlet
3 = 3/4"
4 = 1"

Type of Lid
1 = Lockless lid
2 = Locking lid (standard)
3 = Locking lid 2" hole
5 = Lockless lid 2" hole

NOTE: All combinations may not be available with all models. Contact factory for further information.

Straight Ball Valve Inlet x Straight Connection Outlet (BC)

Model	Inlet Connection	Outlet Connection	Carton PCS/WT	Price
777R111BCGG 332	3/4" FNPT	3/4" FNPT	1/76	$566.00
777R211BCGG 332	3/4" FNPT	3/4" FNPT	1/77	$572.54
777R314BCGG 332	3/4" FNPT	3/4" FNPT	1/30	$697.95
777R415BCGG 442	1" FNPT	1" FNPT	1/105	$821.74

Lids Only

75L41
Lockless Lid ONLY

Carton PCS/WT	Price
1/12	$37.37

75L42
Locking Lid ONLY

Carton PCS/WT	Price
4/44	$37.37

75L43
Locking Lid ONLY with hole

Carton PCS/WT	Price
4/42	$40.91

75L45
Lockless Lid ONLY with hole

Carton PCS/WT	Price
5/53	$40.91

Pro Meter Box 779 Series

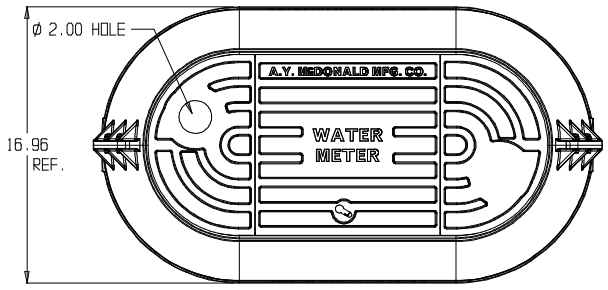
1 1/2" & 2" METER

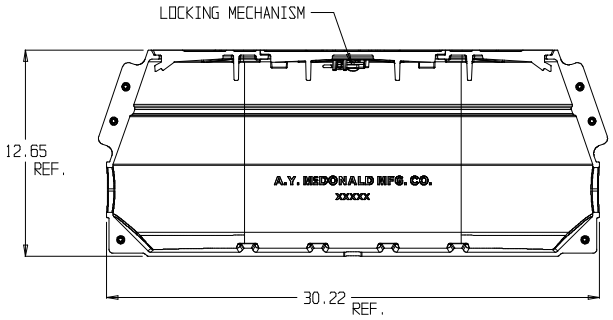
Cast Iron enclosure for safety and security of 1 1/2" & 2" oval flanged water meters.

Features

- Cast Iron construction
- For bury depth of approximately 13"
- Comes standard with locking lid and no hole.
- Lid available with 2" hole for touch/radio read.
- Lid available with 2" hole for touch/radio read and plug for hole
- 8" Riser / extension available
- Service line in/out are approximately 4" from bottom
- Used to set 1 1/2" and 2" oval flanged meters
- Cast iron components conforms to ASTM A126 Class B or ASTM A159 Grade 2500 (latest revision) and coated with black dip
- Brass components sold separately
- Locks with standard meter box key







75KEY

Yoke and Longbox Key

Size	Carton PCS/WT	Price
	10/6	$15.93

Pro Meter Box 779 Series

1 1/2” & 2” METER

Pro Meter Box with Lid

79-PBOX--002

Pro Meter Box with Lid
1 1/2” & 2” No Hole

Carton PCS/WT	Price
	$800.91

79-PBOX--003

Pro Meter Box with Lid
1 1/2” & 2” with Hole

Carton PCS/WT	Price
	$804.78

79-PBOX--004

Pro Meter Box with Lid
1 1/2” & 2” with Hole & Plug

Carton PCS/WT	Price
	$811.31

Lids Only

79-PBOX--L2C

Pro Meter Box Center Lid with Lock

Carton PCS/WT	Price
	$79.99

79-PBOX--LE

Pro Meter Box End Lid - No Hole

Carton PCS/WT	Price
	$32.68

79-PBOX--LET

Pro Meter Box End Lid - with Hole

Carton PCS/WT	Price
	$36.93

79-PBOX--LETP

Pro Meter Box End Lid - Hole & Plug

Carton PCS/WT	Price
	$43.46

Kits

Two Ball Valve Kit

Model	Size	Carton PCS/WT	Price
779-PBOX--6WW	1 1/2”	1/15	$782.33
779-PBOX--7WW	2”	1/21	$1,104.64

Ball Valve x Dual Check Kit

Model	Size	Carton PCS/WT	Price
779-PBOX--6WD	1 1/2”	1/30	$942.41
779-PBOX--7WD	2”	1/20	$1,103.57

Ball Valve x Single Check Kit

Model	Size	Carton PCS/WT	Price
779-PBOX--6WC	1 1/2”	1/25	$828.55
779-PBOX--7WC	2”	1/30	$989.71

Ball Valve x Oval Flange Kit

Model	Size	Carton PCS/WT	Price
779-PBOX--6WX	1 1/2”	1/8	$554.19
779-PBOX--7WX	2”	1/15	$715.35

Accessories

HAND WHEEL STYLE



Expander with Hard Gaskets

Model	Meter Size	Price
714-1EHG	5/8”	$31.61
714-2EHG	5/8” x 3/4” or 3/4”	$35.83
714-4EHG	1”	$60.18

Includes 2 meter gaskets

Expander with Soft Gaskets

Model	Meter Size	Price
714-1ESG	5/8”	$31.61
714-2ESG	5/8” x 3/4” or 3/4”	$35.83
714-4ESG	1”	$60.18

Includes 2 meter gaskets

WRENCH STYLE



Expander with Hard Gaskets

Model	Meter Size	Price
714-1WEHG	5/8”	$31.61
714-2WEHG	5/8” x 3/4” or 3/4”	$35.83
714-4WEHG	1”	$60.18

Includes 2 meter gaskets



75Key
Works on both Yoke and Long Boxes

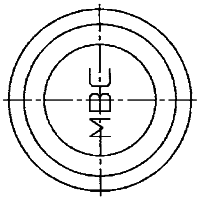
75KEY
Locking Lid Key

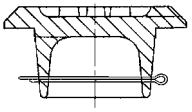
Size	Carton PCS/WT	Price
	10/6	$15.93



75LP
Lockplate

Size	Carton PCS/WT	Price
	10/1	$7.00





74MCIPL -
Cast iron plug with cotter pin



74MCIPL
Cast Iron Plug w/Cotter Pin

Size	Carton PCS/WT	Price
1 3/4”	1/1	$6.86

Adapter
For conversion of 5/8” Meter to 5/8” x 3/4” Meter



Model No.	Size	Carton PCS/WT	Price
10J12	5/8” to 5/8” x 3/4”	50/5	$7.51

Cradle Gasket
Gasket

Model No.	Size	Carton PCS/WT	Price
75-1G	5/8”	25/25	$0.43
75-2G	5/8” x 3/4” or 3/4”	25/25	$0.47
75-4G	1”	25/25	$0.56

74MPPL
Plastic Plug and Nut



Size	Carton PCS/WT	Price
2”	10/3	$18.65



75-ERT
ERT Mounting Cartridge for Plastic Lids

Model No.	Carton PCS/WT	Price
75-ERT	20/2	$3.68













MORE THAN A BRAND. WE'RE A FAMILY.

A.Y. McDonald Mfg. Co. is a leading manufacturer of Water Works, Plumbing, Pumps, and Natural Gas Products. The Company has distinguished itself with a proud tradition of quality and reliability since its founding in 1856.

The mission of A.Y. McDonald Mfg. Co., in the words of our founder, is "to make good products and sell them honestly." We, the stockholders and employees, accomplish this by extending the McDonald family culture through excellent customer service and by focusing on our customers' needs.

At A.Y. McDonald, you aren't just getting a product; you are getting an innovative solution, access to educational opportunities, and the ability to be treated like family. The customer is the boss and we aim to break the mold on how we reach customer satisfaction. Because in the end, without you, there would be no us.

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WARNING: It is unlawful in **CALIFORNIA & VERMONT (effective 1/1/2010); MARYLAND (effective 1/1/2012); LOUISIANA (effective 1/1/2013) and the UNITED STATES OF AMERICA (effective 1/4/2014)** to use any product in the installation or repair of any public water system or any plumbing in a facility or system that provides water for human consumption if the wetted surface area of the product has a weighted average lead content greater than 0.25%. This prohibition does not extend to service saddles used in California, Louisiana or under USA Public Law 111-380. **WARNING:** This product can expose you to chemicals including lead, which is known to the State of **CALIFORNIA** to cause cancer and birth defects or other reproductive harm. For more information go to: www.P65Warnings.ca.gov.