

Water Heater Parts & Accessories



Electric Screw-In Elements – 1 inch

- Fits Most Water Heaters screw-in elements with 1 inch NPSM threads fit most water heaters which use screw-in type elements.
- Watt Density Guide lower watt density means the element stays cooler and will last longer.

LWD: low watt density (100 watts/square inch or less) MWD: medium watt density (101 – 150 watts/square inch) HWD: high watt density (over 150 watts/square inch)

- Sheath Material Guide
- Stainless Steel: premium corrosion protection for long life Copper: high quality corrosion protection; may be coated with tin, nickel or other protective finish
- About R-Tech Elements designated "R-Tech" feature a patented resistored design that increases the life of both the element and water heater tank.



Copper - R-Tech

PART NO	INPUT VOLTAGE (V)	WATTAGE @120V (W)	WATTAGE @240V (W)	WATT DENSITY CLASS	ELEMENT FLANGE TO TIP (IN)	OUTER SHEATH MATERIAL
RP10874FH	120	1500	_	MWD	7.56	Copper
RP10874GH	120	2000	_	HWD	7.65	Copper
RP10552FL	240	_	1500	LWD	10.58	Copper
RP10552GH	240	_	2000	HWD	7.58	Copper
RP10552KL	240	_	3500	LWD	13.44	Copper
RP10552RL	240	_	3800	LWD	13.47	Copper
RP10552MH	240	_	4500	HWD	13.50	Copper
RP10552ML	240	_	4500	MWD	13.81	Copper
RP10552PL	240	Ė	5500	MWD	13.50	Copper
RP10552PH	240	_	5500	MWD	13.53	Copper



Copper

	PART NO	INPUT VOLTAGE (V)	WATTAGE @120V (W)	WATTAGE @240V (W)	WATT DENSITY CLASS	ELEMENT FLANGE TO TIP (IN)	OUTER SHEATH MATERIAL
ì	RP12890*	120	1500	_	MWD	7.63	Copper (with Plating)
	RP12892*	120	2000	_	HWD	7.54	Copper (with Plating)
	RP12891*	240	_	1500	MWD	7.63	Copper (with Plating)
	RP12893*	240	_	2000	HWD	7.56	Copper (with Plating)
	RP12894*	240	_	2500	HWD	9.38	Copper (with Plating)
	RP12895*	240	_	3000	HWD	10.56	Copper (with Plating)
	RP12896*	240	_	3500	HWD	12.60	Copper (with Plating)
	RP12897*	240	_	3800	HWD	13.44	Copper (with Plating)
	RP12898	240	_	4000	HWD	13.47	Copper (with Plating)
	RP13049	240	_	4500	HWD	7.96	Copper (with Plating)
	RP12901*	240	_	4500	MWD	11.76	Copper (with Plating)
	RP12899*	240	_	4500	HWD	13.50	Copper (with Plating)
	RP12900*	240	_	5500	HWD	9.60	Copper (with Plating)



Stainless Steel - Premium R-Tech

PART NO	INPUT VOLTAGE (V)	WATTAGE @120V (W)	WATTAGE @240V (W)	WATT DENSITY CLASS	ELEMENT FLANGE TO TIP (IN)	OUTER SHEATH MATERIAL
RP10868GL	120	2000	_	LWD	9.59	Stainless Steel (Incoloy)
RP10868LH	120	1440	_	LWD	7.78	Stainless Steel (Incoloy)
RP10869KL	240	_	3500	LWD	13.44	Stainless Steel (Incoloy)
RP10869MM	240	_	4500	LWD	13.44	Stainless Steel (Incoloy)
RP10869PH	240	_	5500	MWD	13.47	Stainless Steel (Incoloy)



Stainless Steel

PART NO	INPUT VOLTAGE (V)	WATTAGE @120V (W)	WATTAGE @240V (W)	WATT DENSITY CLASS	ELEMENT FLANGE TO TIP (IN)	OUTER SHEATH MATERIAL
RP13050B*	120	1500	_	LWD	7.48	Stainless Steel (Incoloy)
RP13050A*	240	_	2500	LWD	10.83	Stainless Steel (Incoloy)
RP12904#	240	_	4500	LWD	13.44	Stainless Steel (Incoloy)
RP12905*	240	_	5500	MWD	13.27	Stainless Steel (Incoloy)

*Add 12PK to the end of the part number to order in case packs of twelve. *Add 6PK to the end of the part number to order in case packs of six.



Electric Flange Elements – Raised

• Watt Density Guide – lower watt density means the element stays cooler and will last longer.

LWD: low watt density (100 watts/square inch or less)

MWD: medium watt density (101 – 150 watts/square inch)

HWD: high watt density (over 150 watts/square inch)

Sheath Material Guide

Stainless Steel: premium corrosion protection for long element life

Copper: high quality corrosion protection; may be coated with tin, nickel or other protective finish



Stainless Steel

	PART NO	INPUT VOLTAGE (V)	WATTAGE @240V (W)	WATT DENSITY CLASS	ELEMENT FLANGE TO TIP (IN)	OUTER SHEATH MATERIAL
,	RP12911*	240	2500	LWD	10.81	Stainless Steel (Chromalox)
	RP13048*	240	4500	LWD	13.94	Stainless Steel (Incoloy)





PART NO	INPUT VOLTAGE (V)	WATTAGE @120V (W)	WATTAGE @240V (W)	WATT DENSITY CLASS	ELEMENT FLANGE TO TIP (IN)	OUTER SHEATH MATERIAL
RP12944*	120	1500	_	MWD	7.68	Copper (with Plating)
RP12908*	240	_	1500	MWD	6.18	Copper (with Plating)
RP13047D*	240	_	2500	HWD	9.44	Copper (with Plating)
RP13047A	240	_	3000	HWD	10.66	Copper (with Plating)
RP12909*	240	_	3500	HWD	12.75	Copper (with Plating)
RP13047C*	240	_	4500	HWD	7.94	Copper (with Plating)
RP12910#	240	_	4500	HWD	13.68	Copper (with Plating)
RP13047B	240	_	5500	HWD	10.03	Copper (with Plating)

Electric Flange Elements – Flat



Copper

PART NO	INPUT VOLTAGE (V)	WATTAGE @240V (W)	WATT DENSITY CLASS	ELEMENT FLANGE TO TIP (IN)	OUTER SHEATH MATERIAL
RP6614H	240	4500	MWD	11.56	Copper (with Plating)
RP13051*	240	4500	MWD	11.75	Copper (with Plating)
RP12907*	240	4500	HWD	13.50	Copper (with Plating)

Element Accessories



Element Wrench

Specially designed to fit all screw-in electric water heater elements.

- 1-1/2" hex heads used on most water heaters
- Special 1-7/8" hex heads used on Marathon and Eclipse heaters
- Allows use of screwdriver for additional leverage

PART NO	DESCRIPTION
RP49056	Element Wrench (Fits 1-1/2 in. Hex)
RP49057*	Element Wrench – Dual (Fits 1-1/2 in. & 1-7/8 in. Hex)

Element Accessories



Element Gasket Kit

Includes all gaskets commonly used with various types of water heater elements.

- Round gasket for screw-in elements: 1-1/4" ID x 1-1/2" OD x 5/32" thick
- Round gasket for flange elements: 1-1/8" ID x 1-11/16" OD x 1/2" thick
- Square gasket for flange elements: 1-1/4" opening, 2-1/2 x 2-1/2", 1/16" thick

PART NO	DESCRIPTION
RP12914#	Element Gasket Kit



Adapt-O-Flange Element Conversion Kit

Allows the use of a standard screw-in element in a water heater that originally used a flange element.

PART NO	DESCRIPTION
RP6830*	Adapt-O-Flange element conversion kit



Continuity Tester

Designed specifically for use with electric water heater elements by determining whether the internal filament inside the element is intact. Includes LED probe and alligator clamp with 23-1/2" long lead.

PART NO	DESCRIPTION
RP49859	Continuity Tester W/ 23-1/2" Lead Alligator Clip

Electric Water Heater Tune-Up Kit



Electric Water Heater Tune-Up Kits provide a quick and easy way to replace the most common items on the most popular water heaters.

- Includes two 240V/4500W screw-in elements with gaskets
- Includes both upper and lower thermostat

Premium Tune-Up Kit

Includes patented R-Tech resistored elements for increased corrosion protection; extends the life of both the elements and the water heater tank.

PART NO	DESCRIPTION
RP20060	Electric Water Heater Tune-Up Kit



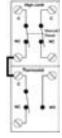
Tune-Up Kit

PART NO	DESCRIPTION
RP20018*	Electric Water Heater Tune-Up Kit



Electric Thermostats with High Limit Control



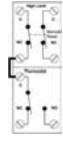


2-Pole High Limit – Normally Open/Normally Closed Thermostat Contacts (TOD)

This design is the most popular upper thermostat in residential electric water heaters. These heaters often have a "non-simultaneous" design, which means only one element is on at any given time. Manufactured by Therm-O-Disc (TOD). See below for a similar design from APCOM.

PART NO	HIGH LIMIT SETTING (F)	HIGH LIMIT CONTACT CONFIG	THERMOSTAT ADJUSTMENT RANGE (F)	THERMOSTAT CONTACT CONFIG	HIGH LIMIT CONTROL	MANUFACTURER	MANUFACTURER SERIES
RP11698*	170	DPST	90 to 150	SPDT	Manual Reset	TOD	59T/66T
RP8293	190	DPST	110 to 170	SPDT	Manual Reset	TOD	59T/66T



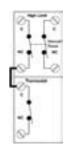


2-Pole High Limit – Normally Open/Normally Closed Thermostat Contacts (APCOM)

This design is the most popular upper thermostat in residential electric water heaters. These heaters often have a "non-simultaneous" design, which means only one element is on at any given time. Manufactured by APCOM. See above for a similar design from Therm-O-Disc (TOD).

PART NO	HIGH LIMIT SETTING (F)	HIGH LIMIT CONTACT CONFIG	THERMOSTAT ADJUSTMENT RANGE (F)	THERMOSTAT CONTACT CONFIG	HIGH LIMIT CONTROL	MANUFACTURER	MANUFACTURER SERIES
RP13359*	180	DPST	110 to 160	SPDT	Manual Reset	APCOM	WH10A



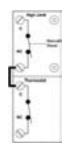


2-Pole High Limit – Normally Closed Thermostat Contacts (TOD)

This design is commonly used as the upper thermostat in residential electric water heaters with "simultaneous" design, which means both elements are on at the same time.

PART NO	HIGH LIMIT SETTING (F)	HIGH LIMIT CONTACT CONFIG	THERMOSTAT ADJUSTMENT RANGE (F)	THERMOSTAT CONTACT CONFIG	HIGH LIMIT CONTROL	MANUFACTURER	MANUFACTURER SERIES
RP11699*	170	DPST	90 to 150	SPST	Manual Reset	TOD	59T/66T





1-Pole High Limit – Normally Closed Thermostat Contacts (TOD)

This design is commonly used for 120V residential water heaters with only one element.

PART NO	HIGH LIMIT SETTING (F)	CONTACT CONFIG	ADJUSTMENT RANGE (F)	CONTACT CONFIG	HIGH LIMIT CONTROL	MANUFACTURER	MANUFACTURER SERIES
RP11700*	170	SPST	90 to 150	SPST	Manual Reset	TOD	59T/66T





Electric Thermostats without High Limit Control (TOD)

This design is used as the lower thermostat in residential electric water heaters. Manufactured by Thermo-Disc (TOD). See below for a similar design from APCOM.

PART NO	THERMOSTAT ADJ RANGE (F)	THERMOSTAT CONTACT CONFIG	MANUFACTURER	MANUFACTURER SERIES
RP11695*	90 to 150	SPST	TOD	59T
RP8295	110 to 170	SPST	TOD	59T





Electric Thermostats without High Limit Control (APCOM)

This design is used as the lower thermostat in residential electric water heaters. Manufactured by APCOM. See above for a similar design from Therm-O-Disc (TOD).

PART NO	THERMOSTAT ADJ RANGE (F)	THERMOSTAT CONTACT CONFIG	MANUFACTURER	MANUFACTURER SERIES
RP13360*	110 to 160	SPST	APCOM	WH9

Water Heater Gas Control Valves (Thermostats)



Gas Control - LP

PART NO	RT NO CAPACITY – REFERENCE ONLY (BTU/HR)		MANUFACTURER
SP12258B	38,000	LP	Robertshaw



Gas Control – Natural Gas

PART NO	CAPACITY - REFERENCE ONLY (BTU/HR)	FUEL TYPE	MANUFACTURER
SP20164	38,000	Natural Gas (NG)	White-Rodgers

Thermocouples – Gas Water Heaters



OEM Thermocouples – Pre-FVIR Models

These thermocouples can also be used for a wide variety of manufacturers. Includes positioning adapters for various pilot configurations.

PART NO	OVERALL LENGTH (IN)	BULB DIAMETER (IN)	BULB LENGTH (IN)	GAS VALVE END FITTING OD (IN)
RP6379R	24	3/16	2-1/8	11/32-32NS



OEM Thermocouple Replacement Kit – FVIR Models

PART NO	DESCRIPTION
RP20064#	Thermocouple Replacement Kit – FVIR



OEM Gasket Replacement Kit – FVIR Models

PART NO	DESCRIPTION
RP20063#	Gasket Replacement Kit – Burner Access Door

Installation Accessories



Copper Flexible Water Connectors

- Flexible copper corrugated connector provides for easy installation
- Gaskets included on both ends to prevent leaks

PART NO	LENGTH (IN)	TUBE MATERIAL	TUBE OD (IN)	TYPE	SIZE (IN)	TYPE	SIZE (IN)
RP10351	12	Copper	3/4	NPT - Female	3/4	NPT - Female	3/4
RP10505	15	Copper	3/4	NPT - Female	3/4	NPT - Female	3/4
RP10506*	18	Copper	3/4	NPT - Female	3/4	NPT - Female	3/4



Installation Accessories



Water Connection Kit

PART NO	DESCRIPTION
RP20009	Water Connection Kit – 12 in. Connectors



Flexible Gas Connectors

- Use with natural gas, LP, manufactured, and gas-air mixtures for residential and commercial gas appliances
- Designed for both indoor and outdoor applications
- Austenitic stainless steel tubing material is with high chromium content with no soldered or brazed joints
- Powder-coat polymer connector tube coating for enhanced corrosion resistance
- -40°F to 150°F operating temperature
- Greater depth and number of corrugations to withstand greater torque and bend cycles
- CSA listed to ANSI Z21.24, CSA 6.10, ANSI Z21.75, CSA 6.27; AGAL Contract no. 8204 (American Gas Association Laboratories tested and accepted for vibration resistance to 25 years)

PART NO	LENGTH (IN)	CONNECTOR TUBE MATERIAL	CONNECTOR TUBE OD (IN)	CONNECTOR TUBE ID (IN)	FITTING 1 TYPE	FITTING 1 SIZE NPT (IN)	FITTING 2 TYPE	FITTING 2 SIZE NPT (IN)
RP10349	12	Stainless Steel	1/2	3/8	Male	1/2	Female	1/2
RP10350	18	Stainless Steel	1/2	3/8	Male	1/2	Female	1/2



Gas Water Heater Installation Kits

Contains most of the commonly needed basic installation items for most residential gas water heaters.

PART NO	DESCRIPTION
RP20010	Gas Water Heater Installation Kit – 12 in. Connectors
RP20016*	Gas Water Heater Installation Kit – 15 in. Connectors



Electric Water Heater Installation Kits

Contains most of the commonly needed basic installation items for most residential electric water heaters.

PART NO	DESCRIPTION
RP20011	Electric Water Heater Installation Kit – 12 in. Connectors
RP20013#	Electric Water Heater Installation Kit – 15 in. Connectors

Water Heater Parts



Dielectric Union

Connects copper pipe to threaded connection. Dielectric insulator helps prevent corrosion at junction between dissimilar metals.

PART NO	FITTING 1 PLUMBING SIZE (IN)	FITTING 1 TYPE	FITTING 2 NPT SIZE (IN)	FITTING 2 TYPE	MATERIAL
RP13045	3/4	Sweat	3/4	Pipe thread - Female	Brass/Zinc plated steel



Extension Piece

Extends T&P Valve fitting on large tanks to connect to run-off tube.

PART NO	DESCRIPTION
RP11620	Extension Piece – 3/4 in. NPT x 2-1/2 in. long

Water Heater Parts



Compression Fittings (sets of 2)

Connects copper pipe to threaded connection. No soldering required.

PART NO	FITTING 1 PLUMBING SIZE (IN)	FITTING 1 TYPE	FITTING 2 NPT SIZE (IN)	FITTING 2 TYPE	MATERIAL
RP10354	1/2	Compression	3/4	Pipe thread - Male	Brass
RP10374	3/4	Compression	3/4	Pipe thread - Male	Brass



Nipples – Plastic Lined (sets of 2)

Plastic lined nipples are used for the hot and cold water connections of the water heater.

PART NO	NPT THREAD SIZE (IN)	LENGTH (IN)	HEAT TRAP TYPE	MATERIAL
RP8397G*	3/4	2-1/4	_	Zinc plated steel/Polypropylene liner



Nipples – Plastic Lined with Heat Trap (sets of 2)

Plastic Lined Nipples are used for the hot and cold water connections of the water heater. The integral Heat Traps prevent conductive heat loss between the heated water in the water heater and the connected piping.

PART NO	NPT THREAD SIZE (IN)	LENGTH (IN)	HEAT TRAP TYPE	MATERIAL
RP12992*	3/4	3	Flapper	Zinc plated steel / Polypropylene liner



Drain Valve - Brass with Screwdriver Handle

PART NO	BODY MATERIAL	SHANK LENGTH (IN)	TANK FITTING SIZE NPT (IN)	GARDEN HOSE FITTING SIZE ACTUAL (IN)	GARDEN HOSE FITTING SIZE NHR NOM (IN)
RP12112G	Brass	2-1/4	3/4	1-1/16	3/4
RP12112S	Brass	3	3/4	1-1/16	3/4



Drain Valve - Poly with Handgrip Handle

PART NO	BODY MATERIAL	SHANK LENGTH (IN)	TANK FITTING SIZE NPT (IN)	GARDEN HOSE FITTING SIZE ACTUAL (IN)	GARDEN HOSE FITTING SIZE NHR NOM (IN)
RP12039*	Poly	2-1/4	3/4	1-1/16	3/4



T&P Valves

Temperature and pressure relief valves are emergency safety limit devices that will prevent or relieve overheated water or excessive pressure.

PART NO	OVERALL LENGTH (IN)	BODY LENGTH (IN)	SENSOR LENGTH (IN)	INLET THREAD SIZE NPT (IN)	OUTLET THREAD SIZE NPT (IN)	CSA CAPACITY (BTU/HR)	MAX PRESSURE SETTING (PSI)	MAX TEMP SETTING (F)
RP12574*	7-1/4	3-1/4	4	3/4	3/4	105,000	150	210
RP12575B*	7-1/4	5-1/4	2	3/4	3/4	105,000	150	210
RP12577B	7-1/4	4-3/4	2-1/2	3/4	3/4	105,000	150	210
RP8346	7-1/4	4-1/4	3	3/4	3/4	105,000	150	210



Water Heater Parts



Run-Off Tubes

PART NO	CONFIGURATION	END FITTING	TUBE LENGTH (IN)
SP11955C	Side mount	3/4 in. NPT	42
SP11956B	Top mount	3/4 in. NPT	12-1/2 Vertical / 58-1/2 Horizontal



Dip Tubes

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AP12933	

PART NO	END FITTING	TUBE DIAMETER (IN)	TUBE LENGTH (IN)
AP12933	3/4 in. NPT close nipple	3/4	53
SP11248R	Flare	3/4	54



Anode Rods - Aluminum



PART NO	LENGTH (IN)	ROD DIAMETER (IN)	MATERIAL	HEX HEAD SIZE (IN)
AP12938	42	0.625	Aluminum	1-1/16



Anode Rods - R Tech Resistor Magnesium

PART NO	LENGTH (IN)	ROD DIAMETER (IN)	MATERIAL	HEX HEAD SIZE (IN)
SP11309C	44	0.7	Magnesium	1-1/16
SP11526C	44	0.9	Magnesium	1-1/16



Anode Rods - Magnesium

PART NO	LENGTH (IN)	ROD DIAMETER (IN)	MATERIAL	HEX HEAD SIZE (IN)
SP11524C	44	0.840	Magnesium	1-1/16
SP11524Z	58	0.840	Magnesium	1-1/16



Flexible Anode Rods – R Tech Resistor Magnesium

For installations without the overhead clearance normally required for anode rod replacement; consists of four 12 in. sections with flexible linkages.

PART NO	LENGTH (IN)	ROD DIAMETER (IN)	MATERIAL	HEX HEAD SIZE (IN)
SP8371B	54	0.9	Magnesium	1-1/16

Water Heater Parts



AP12935

Drain Pans – Plastic

Durable plastic drain pans with 1 in. glue PVC fitting; for electric water heaters only.

PART NO	DIAMETER - BOTTOM (IN)	HEIGHT (IN)	MATERIAL
AP12934	20	2-3/4	Plastic
AP12937	22	2-3/4	Plastic
AP12935	24	2-3/4	Plastic
AP12936	26	2-3/4	Plastic



Drain Pans – Aluminum

Aluminum drain pans with 1 in. glue PVC fitting; for gas or electric water heaters.

PART NO	DIAMETER - BOTTOM (IN)	HEIGHT (IN)	MATERIAL
AP12939	20	2-1/8	Aluminum
AP12941	22	2-1/8	Aluminum
AP12942	24	2-1/8	Aluminum
AP12940	26	2	Aluminum
AP13325	30	2-1/8	Aluminum



Water Heater Stand

- Durable galvanized steel water heater stand
- Recommended for 30 to 50 gallon water heater; 660 pound weight limit
- Easy screw and nut assembly

PART NO	DESCRIPTION
AP13044	Water Heater Stand – 21" x 21" x 16"



Marathon Water Heater Parts

Electric Screw-In Elements – Copper – Non-Resistored

PART NO	DESCRIPTION
SP610150	240V/3000W Copper Non-Resistored LWD – 1-1/2 in.
SP610160	240V/4500W Copper Non-Resistored LWD – 1-1/2 in.



Electric Screw-In Elements – Titanium – Non-Resistored

PART NO	DESCRIPTION	
SP210201	240V/3000W Titanium Non-Resistored LWD – 1-1/2 in.	
SP213820	240V/3800W Titanium Non-Resistored LWD – 1-1/2 in.	
SP210198	240V/3800W Titanium Non-Resistored LWD – 1-1/2 in.	
SP210197	240V/3800W Titanium Non-Resistored LWD – 1-1/2 in.	
SP213660	240V/4500W Titanium Non-Resistored LWD – 1-1/2 in.	
SP213670	240V/4500W Titanium Non-Resistored LWD – 1-1/2 in.	
SP213790	240V/4500W Titanium Non-Resistored LWD – 1-1/2 in.	



Element Wrench

Specially designed to fit all screw-in electric water heater elements.

- 1-1/2" hex heads used on most water heaters
- Special 1-7/8" hex heads used on Marathon and Eclipse heaters
- Allows use of screwdriver for additional leverage

PART NO	DESCRIPTION
RP49056	Element Wrench (Fits 1-1/2 in. Hex)



Drain Valve

PART NO	DESCRIPTION
SP330090	Drain Valve - Brass



T&P Valve

PART NO	DESCRIPTION
SP330040	Temperature and Pressure Relief Valve

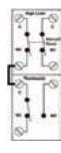




Electric Thermostat (Lower)

PART NO	DESCRIPTION
SP210239	Thermostat – Electric (Lower)





Electric Thermostat (Upper)

PART NO	DESCRIPTION
SP210245	Thermostat – Electric (Upper)



4744 Island Ford Road Randleman, North Carolina 27317

ORDERING/INQUIRIES

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