

Reimagining Onsite Water Management



INFILTRATOR
water technologies

Product Catalog





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water technologies

ONSITE WASTEWATER TREATMENT SYSTEMS

Infiltrator offers a broad range of products that provide solutions for almost any onsite wastewater or decentralized system, including:

Drainfields
Septic Tanks
Pump Tanks
Holding Tanks

Site Drainage
Remediation
Pump Control Panels
Treatment Plants

About Infiltrator Water Technologies

A proven leader with over 30 years of experience in the wastewater industry and an array of onsite water management products that allow for faster and more reliable installations.

Quality, reliability and innovation are the cornerstones of our success. Infiltrator chamber systems, IM-Series tanks, Delta advanced wastewater treatment systems, Aquaworx products, and EZflow septic and drainage systems allow the Infiltrator customer one proven, reliable source for nearly all of their onsite wastewater needs.



Reimagining Onsite Water Management



Innovation Since 1987



Drainfield and Tank Products are Manufactured with Recycled Material



ISO 9001 Accredited Manufacturing Facilities



Distinct Product Approvals

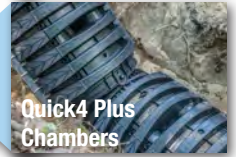
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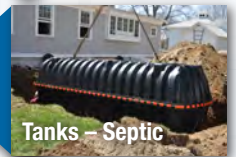
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Aquaworx

A TESTED AND PROVEN SUCCESS RATE

- Infiltrator is the leading manufacturer of onsite wastewater system products in North America.
- Millions of Infiltrator onsite wastewater drainfield systems have been installed worldwide.
- Over 50% of onsite septic systems for single-family homes installed in the United States and Canada utilize Infiltrator chamber or EZflow drainfields.
- Beginning in 1987, Infiltrator products have stood the test of time with an established history of performance and reliability.

PRODUCT AVAILABILITY

We have an extensive network of distributors throughout North America. These knowledgeable professionals maintain local inventories of our products and also provide contractors with product delivery and installation support. Plus, Infiltrator has a dedicated and experienced team of sales, customer service, and technical assistance professionals who are focused on the wastewater industry.

RESPONSIVE SERVICE

- Our technical staff and area sales representatives maintain a strong presence where it counts—in the field.
- Contractor, designer and engineer training and certification classes.
- Field demonstrations to help educate contractors and regulators.
- Product brochures, installation manuals, and state- and province-specific design tools are available on our website or by calling our technical service team.



www.infiltratorwater.com

Cover photo courtesy of Stacy Creech

Quick4 Chambers



- Four-foot chamber lengths are easy to handle and install
- Supports wheel loads of 16,000 lbs/axle with 12" of cover

• Quick4 Standard • Quick4 High Capacity

Quick4 Standard Chamber		Part Numbers: Q4STD/Q4STDE	
Application:	36" wide trench, curved, straight or side by side in beds		
Size:	34"W x 53"L x 12"H (864 mm x 1346 mm x 305 mm)		
Effective Length:	48" (1219 mm)		
Multiport Endcap: Eight molded-in high and low inlets for maximum piping flexibility. Tear-out seals.			
Size:	34"W x 16"L x 12"H (864 mm x 406 mm x 305 mm)		
Additional Length per Pair of Endcaps:	26.4" (671 mm)	Invert Height:	8" (203 mm)

Quick4 High Capacity Chamber		Part Numbers: Q4HC/Q4HCE	
Application:	36" wide trench, curved, straight or side by side in beds		
Size:	34"W x 53"L x 16"H (864 mm x 1346 mm x 406 mm)		
Effective Length:	48" (1219 mm)		
Multiport Endcap: Eight molded-in high and low inlets for maximum piping flexibility. Tear-out seals.			
Size:	34"W x 19"L x 16"H (864 mm x 483 mm x 406 mm)		
Additional Length per Pair of Endcaps:	28.8" (732 mm)	Invert Height:	11.5" (292 mm)



Multiport Endcaps

- Tear-out seals on inlet ports provide a tight fit to the pipe
- Six molded-in inlets/outlets allow for piping flexibility

Infiltrator Chamber Features

Contour Swivel Connection™ allows the chamber to swivel up to 10°, right or left.
Higher long-term acceptance rate (LTAR) means you install a reliable top-performing system.
Smaller footprint with equal or better performance allows less site disruption.
Fast, easy installation saves time and money.
Louvered sidewalls for maximum infiltration.
Low profile chambers for shallow placement applications.
Multiport endcaps allow for maximum flexibility.

Find technical information and helpful videos online!



Engineered for Optimal Performance



- Quick4 Equalizer 36
- Quick4 Equalizer 24
- Quick4 Equalizer 24 Low Profile
- Quick4 Equalizer 24 Heavy Duty

Quick4 Equalizer 36 Chamber		Part Numbers: Q4EQ36/Q4EQ36E	
Application:	24" wide trench, curved, straight or side by side in beds	Application:	Bed or straight trench
Size:	22"W x 53"L x 12"H (559 mm x 1346 mm x 305 mm)		
Effective Length:	48" (1219 mm)		
Multiport Endcap: Six molded-in high and low inlets for maximum piping flexibility. Tear-out seals.			
Size:	22"W x 16"L x 12"H (559 mm x 406 mm x 305 mm)		
Additional Length per Pair of Endcaps:	25.2" (640 mm)	Invert Height:	6" (152 mm)



Quick4 Equalizer 24 Chamber and Equalizer 24 Heavy Duty (HD) Chamber		Part Numbers: Q4EQ24/Q4EQ24E Part Numbers: Q4EQ24HD/Q4EQ24HDE	
Application:	18" or 24" wide trench, curved, straight or side by side in beds		
Size:	16"W x 53"L x 11"H (406 mm x 1346 mm x 279 mm)		
Effective Length:	48" (1219 mm)		
Multiport Endcap: Six molded-in high and low inlets for maximum piping flexibility. Tear-out seals.			
Size:	16"W x 14"L x 12"H (406 mm x 356 mm x 305 mm)		
Additional Length per Pair of Endcaps:	22.8" (579 mm)	Invert Height:	6" (152 mm)



Quick4 Equalizer 24 Low Profile Chamber		Part Numbers: Q4EQ24/Q4EQ24E	
Application:	18" or 24" wide trench, curved, straight or side by side in beds		
Size:	16"W x 53"L x 8"H (406 mm x 1346 mm x 203 mm)		
Effective Length:	48" (1219 mm)		
Endcap: Offers a simple overlap design for easy installation.			
Size:	14"W x 7"L x 8"H (356 mm x 178 mm x 203 mm)		
Additional Length per Pair of Endcaps:	9" (229 mm)	Invert Height:	2" (51 mm)



Quick4 Plus Chambers



An Infiltrator Chamber System is a direct replacement for old-fashioned stone and pipe drainfields. Infiltrator chambers give designers, installers and owners greater flexibility in the placement of the septic drainfield.

- Quick4 Plus Standard
- Quick4 Plus High Capacity



- Four-foot chamber lengths are easy to handle and install
- Supports wheel loads of 16,000 lbs/axle with 12" of cover

Quick4 Plus Standard Chamber		Part Number: Q4+STD	
Application:	36" wide trench, curved, straight or side by side in beds		
Size:	34"W x 53"L x 12"H (864 mm x 1346 mm x 305 mm)		
Effective Length:	48" (1219 mm)		
Endcap:	Quick4 Plus All-in-One 12		

Quick4 Plus High Capacity Chamber		Part Number: Q4+HC	
Application:	36" wide trench, curved, straight or side by side in beds		
Size:	34"W x 53"L x 14"H (864 mm x 1346 mm x 356 mm)		
Effective Length:	48" (1219 mm)		
Endcap:	Quick4 Plus All-in-One 12		

Quick4 Plus All-in-One 12 Endcap		Part Number: Q4+A112E	
Application:	Use at either end of a chamber row for an inlet/outlet or can be installed mid-trench. Side, end or top inletting. Compatible with Quick4 Plus Standard and Quick4 Plus High Capacity Chambers.		
Size:	34"W x 20.5"L x 13"H (864 mm x 520 mm x 330 mm)		
Additional Length per Pair of Endcaps:	37" (940 mm)	Additional Length when used midline:	11.4" (290 mm)
Invert Height:	5.3", 8" (134 mm, 203 mm)	Optional Accessory:	All-in-One Periscope

Quick4 Plus All-in-One Periscope		Part Number: Q4+P	
Application:	Allows for raised, invert installations with 180° directional inletting. All-in-One 8 Endcap: 9" raised invert. All-in-One 12 Endcap: 13" invert.		
Size:	5"W x 9"L x 6"H (127 mm x 229 mm x 152 mm)		
Invert Height:	9", 13" (229 mm, 330 mm)		



Added Strength Through Center Structural Columns

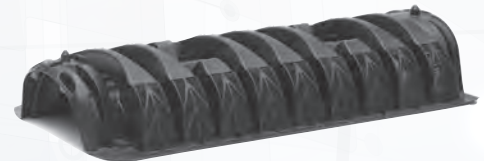


- Quick4 Plus Standard Low Profile
- Quick4 Plus Equalizer 36 Low Profile

Quick4 Plus Standard Low Profile (LP) Chamber		Part Number: Q4+STDLP
Application	Reduced height applications, 4" shorter than standard chambers. 36" wide trench, curved, straight or side by side in beds	
Size	34"W x 53"L x 8"H (864 mm x 1346 mm x 203 mm)	
Effective Length	48" (1219 mm)	
Endcap	Quick4 Plus All-in-One 8 or Quick4 Plus	



Quick4 Plus Equalizer 36 Low Profile (LP) Chamber		Part Number: Q4+EQ36LP
Application	Reduced height applications, 4" shorter than standard chambers. 24" wide trench, curved, straight or side by side in beds	
Size	22"W x 53"L x 8"H (559 mm x 1346 mm x 203 mm)	
Effective Length	48" (1219 mm)	
Endcap	Quick4 Plus All-in-One 8 or Quick4 Plus	



Quick4 Plus All-in-One 8 Endcap				Part Number: Q4+A1E
Application:	Use at either end of a chamber row for an inlet/outlet or can be installed mid-trench. Side, end or top inletting. Compatible with Quick4 Plus Low Profile Chambers.			
Size:	18"W x 13"L x 8"H (457 mm x 330 mm x 203 mm)			
Additional Length per Endcap:	10.4" (264 mm)	Invert Height:	3.3" (84 mm)	Optional Accessory: All-in-One Periscope



Quick4 Plus Endcap				Part Number: Q4+E
Application:	Simple, flat design that allows for a pipe installation at the end of the chamber row. Piping drill points are set for gravity or pressure pipe. Compatible with Quick4 Plus Low Profile Chambers.			
Size:	18"W x 7"L x 8"H (457 mm x 178 mm x 203 mm)			
Additional Length per Endcap:	4.5" (114 mm)	Invert Height:	3.3" (84 mm)	



Low profile chambers are ideal for shallow applications

Arc by Infiltrator Chambers



Arc 18 • Arc 24 • Arc 36
Arc 36 LP • Arc 36 HC
Arc Side Port Coupler

Diamond plate texture increases slip resistance and enhances ease of installation.



Arc by Infiltrator Chamber Features

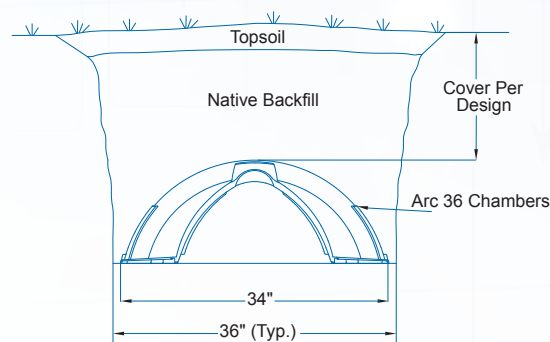
Injection-molded from polyolefin for lightweight and sturdy design.
20-degree integral articulating joint that is ideal for either straight or contoured septic drainfield applications.
Designed to accommodate both gravity-fed and pressure-dosed systems.
Corrugated chamber design eliminates flat surfaces and provides increased load bearing capability in the trench.
“Lock and Drop” joint provides a positive connection during installation and backfill.
A universal inlet/outlet end cap.
Convenient five-foot lengths are easy to handle.
Increased plumbing option with Side Port Coupler component which snaps in place to allow side entry at any joint throughout trench line.
Inspection vent ports on every unit with easy-to-remove knockouts for maximum job site flexibility.

Chamber Requirements

All of Infiltrator’s chambers meet the load rating of H-10 (16,000 lb per axle) with a minimum of 12 inches of cover when tested in accordance with IAPMO PS 63* and installed in accordance with manufacturer’s installation procedures.

** Excludes Arc 36 Low Profile*

Typical Arc Trench Cross Section



Arc 18 Chamber		Part Numbers: 1812BD-PP/1802BD	
Application:	18 or 24" wide trench, curved, straight or side by side in beds		
Size:	16"W x 67"L x 11"H (406 mm x 1702 mm x 279 mm)		
Effective Length:	60" (1524 mm)	Invert Height:	6" (152 mm)



Arc 24 Chamber		Part Numbers: 2412BD-PP/2402BD	
Application:	24" wide trench, curved, straight or side by side in beds		
Size:	22"W x 67"L x 12"H (559 mm x 1702 mm x 305 mm)		
Effective Length:	60" (1524 mm)		
Side Port Coupler: five molded-in high and low inlets for mid-trench piping flexibility.			
Size:	22"W x 9"L x 12"H (559 mm x 229 mm x 305 mm)		
Additional Length per Pair of Endcaps:	12" (305 mm)	Invert Height:	6.25" (159 mm)



**Arc 24
Side Port Coupler**



Arc 36 Chamber		Part Numbers: 3613BD2-PP/3603BD3	
Application:	36" wide trench, curved, straight or side by side in beds		
Size:	34"W x 63"L x 13"H (864 mm x 1600 mm x 330 mm)		
Effective Length:	60" (1524 mm)		
Side Port Coupler: five molded-in high and low inlets for mid-trench piping flexibility.			
Size:	34"W x 17"L x 13"H (864 mm x 432 mm x 330 mm)		
Additional Length per Pair of Endcaps:	14" (356 mm)	Invert Height:	7.25" (184 mm)



**Arc 36
Side Port Coupler**



Arc 36 LP Chamber		Part Numbers: 3608BD-PP/3624LPEC	
Application:	36" wide trench, curved, straight or side by side in beds		
Size:	34"W x 64"L x 8"H (864 mm x 1626 mm x 203 mm)		
Effective Length:	60" (1524 mm)		
Invert Height:	3.8" (197 mm)		



Arc 36 High Capacity Chamber		Part Numbers: 3616BD2-PP/3606BD2	
Application:	36" wide trench, curved, straight or side by side in beds		
Size:	34"W x 63"L x 16"H (864 mm x 1600 mm x 406 mm)		
Effective Length:	60" (1524 mm)		
Side Port Coupler: five molded-in high and low inlets for mid-trench piping flexibility.			
Size:	34"W x 17"L x 16"H (864 mm x 432 mm x 406 mm)		
Additional Length per Pair of Endcaps:	14" (356 mm)	Invert Height:	10.5" (267 mm)



**Arc 36 HC
Side Port Coupler**



Side Port Coupler

Each Arc chamber model has an accompanying accessory called the Side Port Coupler. The SPC component snaps in place to allow additional pivoting space when used mid-line. The SPC offers flexibility of pivoting when installed in series between two chambers within the chamber line to allow for increased turning capability.

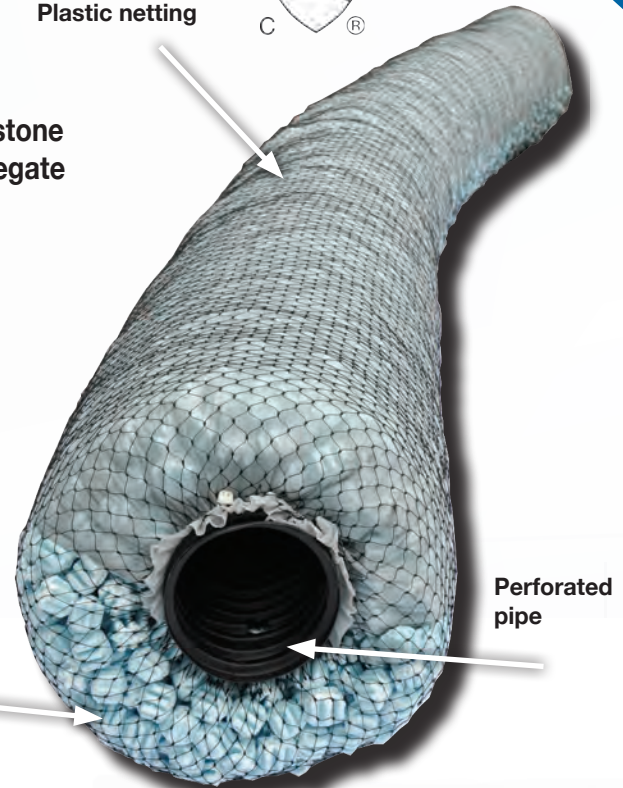


EZflow is an environmentally friendly replacement for old-fashioned stone and pipe in septic drainfields using an engineered geosynthetic aggregate modular design.

Certified by IAPMO and the ICC-ES PMG Listing Program.

An EZflow system is designed to improve infiltrative performance by eliminating fines and reducing compaction and embedment associated with crushed stone. Pre-assembled units include a 4" perforated pipe surrounded by aggregate covered in geotextile and held in place with a durable high-strength netting. Available in easy-to-contour 5' and 10' lengths in diameters of 7", 8", 9", 10", 12", 13", 14" or 18".

Plastic netting



Perforated pipe

Engineered geosynthetic aggregate eliminates compaction and fines

Benefits

- Always clean and free of fines.
- Bundles are quick to install, using simple snap internal couplers, saving costs on heavy machinery and labor.
- Modular construction allows configurations to match trench dimensions for most system shapes and sizes.
- Engineered for optimal effluent storage and absorption efficiencies.
- Ability to contour along sloped sites and around trees or landscaping.
- Lightweight, 5' or 10' lengths are perfect for repairs and tight job sites.
- Easier cleanup at job site with the elimination of stone.
- Manufactured from recycled materials rather than mined natural resources.
- Approved in most jurisdictions with an increased efficiency rating, reducing drainfield size.

Lightweight expanded

polystyrene construction offers structural integrity and resists compaction. Engineered flow channels increase void space creating improved water flow and greater effluent storage. Extended geotextile barrier eliminates intrusion through unprotected surfaces



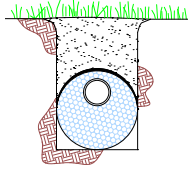
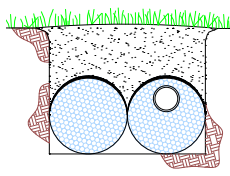
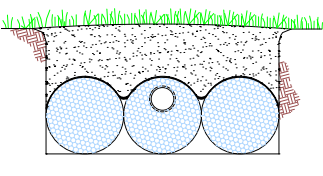
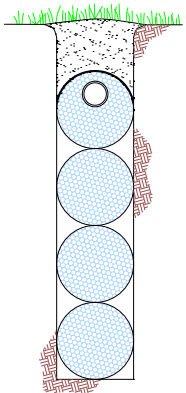
Geosynthetic aggregate is free of fines

GEOSYNTHETIC AGGREGATE TECHNOLOGY



Supports wheel loads of 16,000 lbs/axle with 12" of cover

EZflow Bundles for Septic Applications

	Single Bundle System	Two Bundle System	Three Bundle System	Four Bundle System
Diameter				
10"	1001-P-GEO 1001-P	1002-GEO-SEP	1003-GEO-SEP 1003-SEP	1004-GEO-SEP
12"	1201-P-GEO 1201-A-GEO	1202-GEO-SEP	1203-GEO-SEP 1203-SEP	1204-GEO-SEP
13"	-	-	1303-GEO-SEP	-
14"	1401-P-GEO	-	-	-
18"	1801-P-GEO	-	-	-

P = Pipe
(Corrugated
Polyethylene Pipe
ASTM F667)

A = Aggregate
only bundle

GEO = Geotextile
Integrated

SEP = Septic
Configuration

ATL Sand Lined Systems



ATL by Infiltrator is an environmentally friendly sand-lined advanced treatment and dispersal drainfield system.

The ATL system is a sand-lined treatment and dispersal drainfield system consisting of 6 components.

Upon entering the system, septic tank effluent progresses through each component listed below.

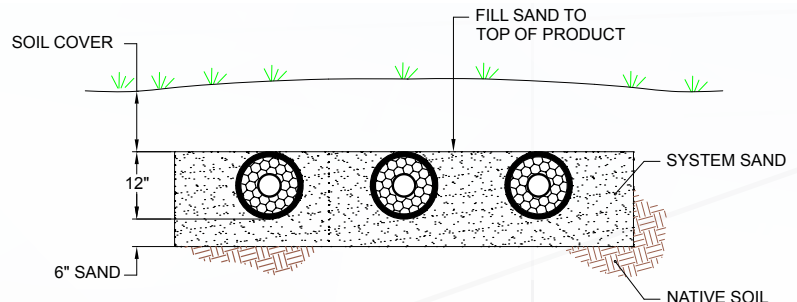
1. 4" diameter pipe
2. Large-diameter synthetic aggregate
3. Fine geotextile
4. Small-diameter synthetic aggregate
5. Coarse geotextile
6. 6" thick system sand

Upon exiting the system sand, the treated effluent enters the underlying native soil.



ATL by Infiltrator Features

Produces NSF/ANSI 40 Class I-compliant effluent
A passive treatment system with no moving parts or power required
Modules are quick and easy to install
Shallow system maximizes site suitability and reduces amount of sand fill required
No venting and sand cover requirements



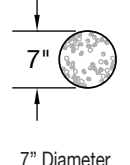
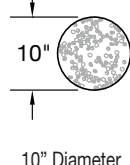
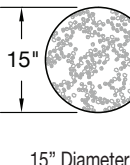
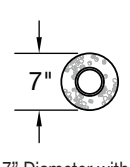
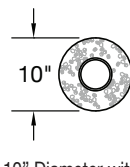
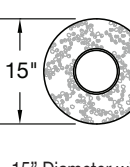
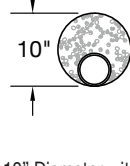
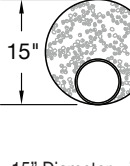
Applications



Lightweight expanded polystyrene aggregate offers structural integrity and resists compaction

Benefits

- Convenient 10' long sections are easy to connect using internal couplers.
- EZflow products are easily transported and installed by a single worker, dramatically reducing labor costs.
- Superior flow rate when compared to gravel due to lack of fines.
- EZflow drainage systems have high storage capacity created by the engineered flow channels in the aggregate.
- EZflow's aggregate-pipe combination and aggregate-only bundles can easily bend around corners and other obstacles to conform to your project's needs.
- Using EZflow recycled polystyrene aggregate prevents millions of pounds of plastic waste from entering landfills.

EZflow Bundles for Drainage Applications					
7" Bundles		10" Bundles		15" Bundles	
Part #	Description	Part #	Description	Part #	Description
701-A-MESH	 7" Diameter	1001-A-MESH	 10" Diameter	1501-A-MESH	 15" Diameter
701-F-MESH	 7" Diameter with 3" Pipe in Center	1001-F-MESH	 10" Diameter with 4" Pipe in Center	1501-FC-MESH	 15" Diameter with 6" Pipe in Center
		1001-FB-MESH	 10" Diameter with 4" Pipe at Bottom	1501-B-MESH	 15" Diameter with 6" Pipe at Bottom

IM-Series Septic Tanks



Benefits

- Lightweight plastic construction and inboard lifting lugs allow for easy delivery and handling.
- Structurally reinforced access ports eliminate distortion during installation and pump-outs.
- Reinforced structural ribbing and fiberglass bulkheads offer additional strength.
- Can be pumped dry during pump-outs (no need to refill with water).
- Suitable for use as a septic tank, pump tank, or rainwater (non-potable) tank.

The strength and versatility of Infiltrator plastic septic tanks enable a wide-range of installation possibilities, including shallow installations and multiple and serial tank configurations. The IM-Series' lightweight construction allows for easy storage and delivery, and offers the quickest installation in the onsite septic tank system industry.

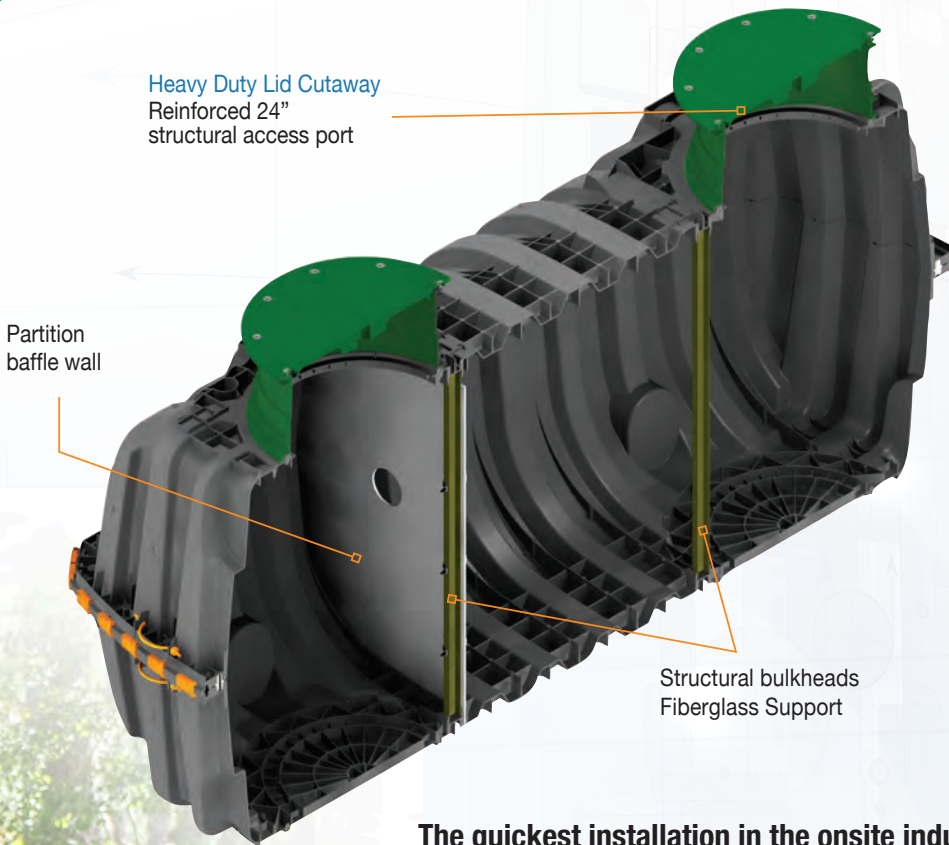
The engineered mid-seam joint accepts a continuous loop EPDM gasket. Infiltrator's EPDM gasket design utilizes technology and materials from the sanitary sewer pipe industry to deliver a reliable watertight seal. The two-piece tank body is permanently aligned and fastened using an integrated system of high-strength plastic alignment dowels and locking seam clips. The tank does not require water filling during installation and can be pumped dry during pump-outs.

All IM-Series septic tanks are fully assembled and available through our network of certified Infiltrator distributors.

The two-piece design is permanently fastened using a system of non-corrosive plastic alignment dowels and locking seam clips



Strong injection molded polypropylene construction



IM-1060 TANK CUTAWAY

Infiltrator's chambers, IM-Series septic tanks and EZflow drainfield products are manufactured from 95% recycled plastics.

IAMPO/ANSI/Z1000
CSA B66



The quickest installation in the onsite industry. Installed with 6" to 48" of cover.

Infiltrator IM-Series Septic Tanks

Tank Model	 IM-540	 IM-1060	 IM-1530
Applications	Suitable for use as a pump tank, trash tank, rainwater (non-potable) tank, or as the second compartment of an in-series septic tank.	Suitable for use as a pump tank, septic tank or rainwater tank, shallow, multiple, and serial tank configurations.	Suitable for use as a pump tank, septic tank or rainwater tank, shallow, multiple, and serial tank configurations.
Working Capacity	475 gal (1798 L)	1094 gal (4141 L)	1537 gal (5818 L)
Total Capacity	552 gal (2090 L)	1287 gal (4872 L)	1787 gal (6764 L)
Size	61.7"W x 54.6"H x 64.9"L (1567 mm x 1387 mm x 1648 mm)	62.2"W x 54.7"H x 127"L (1580 mm x 1389 mm x 3226 mm)	61.7"W x 54.5"H x 175.6"L (1567 mm x 1384 mm x 4460 mm)
Length-to-Width Ratio	NA	2.3 to 1	2.8 to 1
Liquid Level	44" (1118 mm)	44" (1118 mm)	44" (1118 mm)
Invert Drop	3" (76 mm)	3" (76 mm)	3" (76 mm)
Fiberglass Supports	NA	2	4
Compartments	NA	1 or 2	1 or 2
Maximum Pipe Diameter	4" (102 mm)	6" (152 mm)	4" (102 mm)

IM-Series Potable Water/Rainwater Harvesting Tank



• IM-550C • IM-1280C • IM-1760C

The Infiltrator IM-Series potable water tanks are lightweight, strong and durable. These potable, watertight cisterns are offered with Infiltrator's potable heavy-duty lids. Infiltrator injection-molded tanks provide a revolutionary improvement in plastic tank design, offering exceptional long-term strength and watertightness.



NSF/ANSI 61

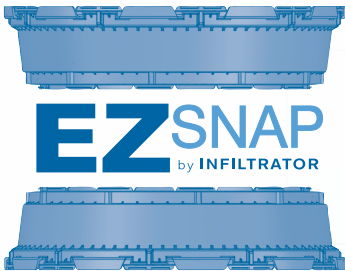


Benefits

- Lightweight plastic construction and inboard lifting lugs allow for easy delivery and handling.
- Structurally reinforced access ports eliminate distortion during installation and pump-outs.
- Reinforced structural ribbing and fiberglass bulkheads offer additional strength.
- Can be pumped dry.
- Suitable for use as a potable pump tank, rainwater harvesting or water storage tank.

Infiltrator IM-Potable Water Tank Series

Parameter	IM-550C	IM-1280C	IM-1760C
Total Capacity	552 gal (2090 L)	1287 gal (4872 L)	1787 gal (6764 L)
Length	65 in (1651 mm)	127 in (3229)	176 in (4470 mm)
Width	62 in (1575 mm)	62 in (1575 mm)	62 in (1575 mm)
Height	55 in (1397 mm)	55 in (1397 mm)	55 in (1397 mm)
Fiberglass Supports	0	2	4
Maximum Pipe Diameter	4 in (102 mm)	6 in (152 mm)	4 in (102 mm)
Weight	191 lb (87 kg)	346 lb (157 kg)	501 lb (227 kg)



The EZsnap riser is designed to create an easy-to-assemble watertight riser system for septic tanks, pump tanks, and cisterns. The EZsnap Riser features click and lock technology, eliminating the need for assembly tools, sealant/caulk and hardware.

Stackable for efficient shipping and storage

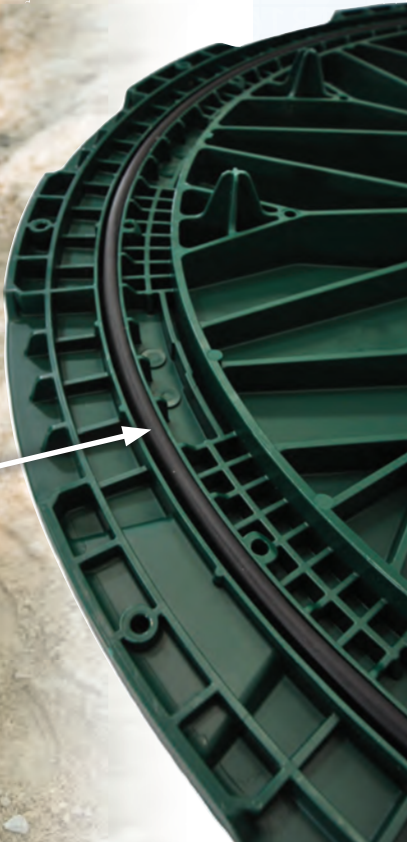


The 24" diameter EZsnap riser is available in black or green with 2", 6" and 12" tall sections

EZsnap 24" Riser System	
Included Components:	24" x 2" (610 mm x 51 mm) Risers
	24" x 6" (610 mm x 152 mm) Risers
	24" x 12" (610 mm x 305 mm) Risers
	24" (610 mm) Lids
Available Accessories:	24" (610 mm) Safety Star System
	24" (610 mm) Adapter Flange
	24" (610 mm) Pipe Adapter Ring



The 24" Safety Star System from Infiltrator is a strong secondary level of protection



Watertight Gasket

Click and lock technology



Decentralized Wastewater Management

Delta Treatment Systems was established to bring together engineered systems of the most innovative and effective wastewater treatment solutions. The advantages of Delta Treatment Systems' complete on-site wastewater management solutions and make them the clear choice for residential and commercial developers.

Solutions
for daily flows
up to 100,000
gallons per
day



Treatment • Collection • Dispersal

Residential



Up to 1,500
gallons per day

Community



STEP or cluster
systems

Commercial



Up to 100,000
gallons per day

ECOPOD SERIES

WHITewater⁺
SERIES

Packaged Wastewater
Treatment Plants

ECODRIP SERIES

ECOFILTER
PUMP VAULT

CONTROLSERIES

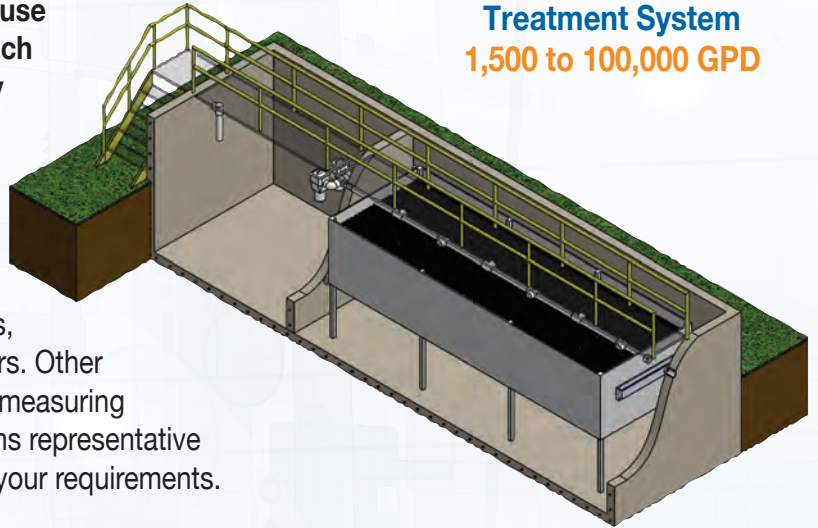
Delta Treatment Plants are designed to convert flows of 1,500 to 100,000 gallons per day into clear and odor-free treated effluent.



Delta Treatment Plants are custom designed to the particular needs of each project. Suitable for permanent or temporary use in areas outside municipal wastewater systems, each Delta Treatment Plant is custom-built at the factory and shipped to the project site.

Advanced Wastewater Treatment System
1,500 to 100,000 GPD

Secondary and tertiary treatment systems include aeration, settling, filters, clear well chambers, disinfection methods and other ancillary equipment such as blowers, pumps, electrical controls, aeration equipment, filter media and liquid level sensors. Other items, such as gratings, handrails, stairways and flow measuring equipment can be provided. A Delta Treatment Systems representative can assist you in specifying the system that will meet your requirements.



TYPICAL APPLICATIONS

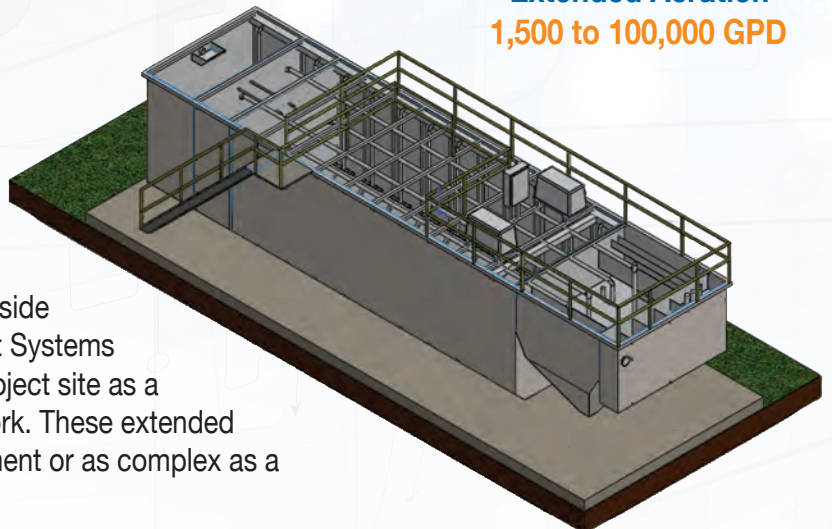
Housing developments • Hotels and motels • Schools • Hospitals • Apartment complexes
Condominiums • Military facilities • Highway rest areas • Prisons • Agricultural waste
Power stations • Mobile home parks • Resort areas • Industrial facilities • Vineyards

Packaged Wastewater Treatment Plants

The Perfect Wastewater Treatment Solution for Remote Locations

Suitable for permanent or temporary use in areas outside municipal wastewater systems, each Delta Treatment Systems plant is pre-built at the factory and shipped to the project site as a self-contained unit that requires only minimal field work. These extended aeration plants can be as simple as secondary treatment or as complex as a system for biological nutrient reduction.

Extended Aeration
1,500 to 100,000 GPD





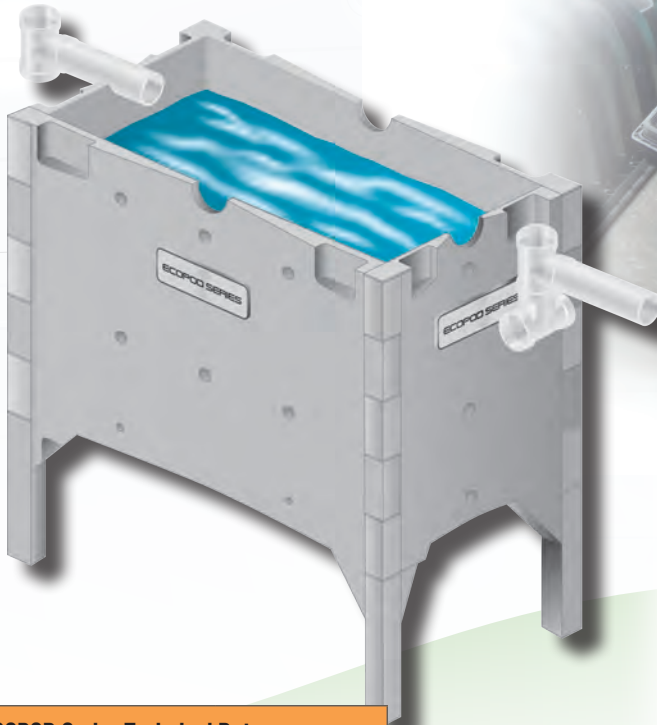
NSF/ANSI 40 AND 245 Certified Residential Wastewater Treatment System

ECOPOD series utilizes a fixed-film process which is characteristically stable, reliable and robust. Fixed-film is a preferred treatment process in many areas for onsite wastewater treatment systems.

Single family and small commercial advanced treatment

Five models are available to accommodate daily flows ranging from 500 to 1,500 GPD, with customizable options available for commercial applications. The ECOPOD is ideal for individual residential installations, cluster designs, and small-to-medium commercial wastewater treatment applications, and intermittent use applications.

Ideal for residential systems with nitrogen reduction requirements



Benefits

- Completely submerged reactor treats of wastewater quietly, efficiently, and with no odor.
- No inner tank filters, screens or diffusers to service.
- Patented non-clogging air delivery system.
- Remote-mount air compressor.
- Low initial capital cost and operation.
- Complete on-site system designs.
- ECOPOD-N treatment systems are pre-engineered, requiring no special expertise to design, specify, or install.
- True attached growth system – no mixed liquor.
- Integral clarifier – no external clarifier required.

ECOPOD Series Technical Data

Model	GPD
E50	500 (1893 L)
E60	600 (2271 L)
E75	750 (2839 L)
E100	1000 (3785 L)
E150	1500 (5678 L)



Certified to NSF/ANSI 40 and 245 Class I

WHITEWATER[®]
SERIES

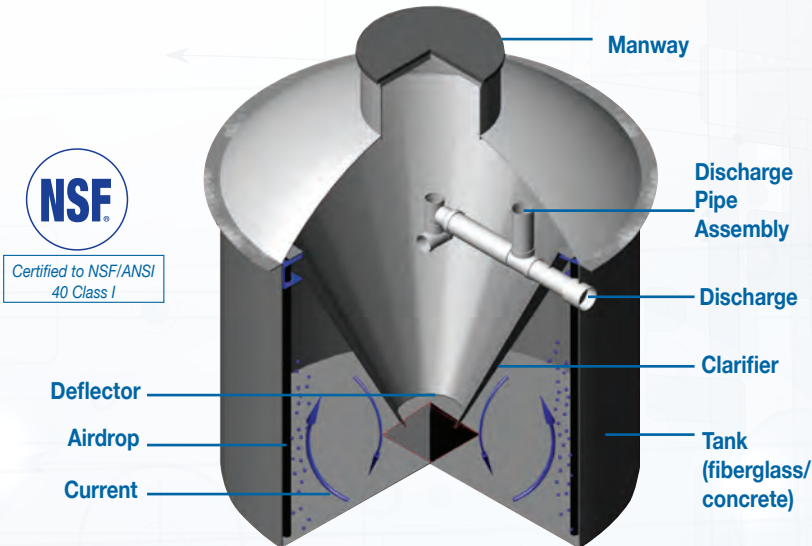
Aerobic Treatment Units

The Whitewater Aerobic Treatment Unit (ATU) has been tested under NSF/ANSI 40 International and met and exceeded Class I effluent requirements.

Single family and small commercial advanced treatment

Whitewater works by using the bacteria nature provides. As a result of air being pumped into the system, the bacteria thrive and grow in much greater numbers than would occur naturally. This “overpopulation” of bacteria speeds the process of breaking down sewage, making it safe for re-release into the environment.

The process occurs entirely within the self-contained Whitewater ATU which is comprised of an outer mixing tank and a cone-shaped settling chamber.



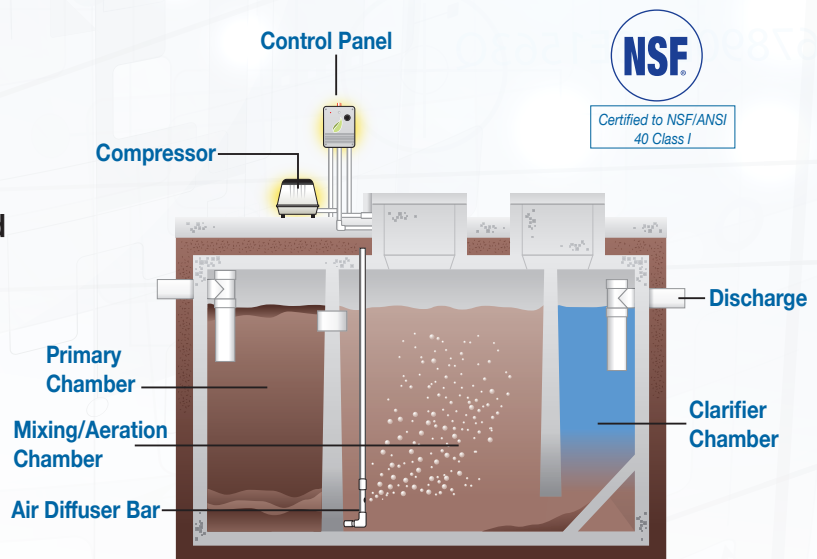
Delta Whitewater DF Series Technical Data					
Model	GPD	Diameter	Height	Electrical	Inlet/Outlet
DF50FF/CA	500	6' (1828 mm)	5' (1524 mm)	115V	4" (1219 mm)
DF60FF/CA	600	6'3" (192 mm)	5'9" (1753 mm)	115V	4" (1219 mm)
DF75FF/CA	750	6'9" (2057 mm)	6'2" (1890 mm)	115V	4" (1219 mm)
DF100AFF/CA	1,000	8' (2438 mm)	6' (1829 mm)	115V	4" (1219 mm)
DF150FF/CA	1,500	8' (2438 mm)	8'6" (2591 mm)	115V	4" (1219 mm)

- Benefits**
- Treats wastewater quietly, efficiently, and with no odor.
 - No inner tank filters, screens, or diffusers to service.
 - Unit provides 99% reduction of viruses with disinfection.

ENVIROAIRE[™]

EnviroAire Aerobic Treatment Units (ATUs) are designed to enhance the effectiveness of an on-site wastewater treatment system.

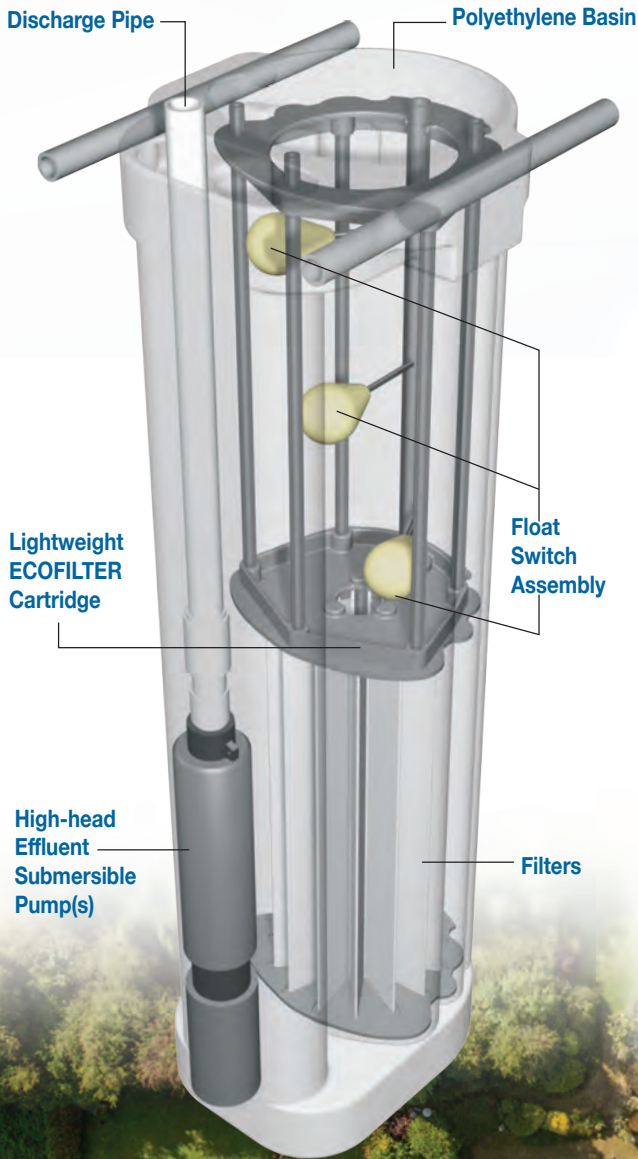
Adding the EnviroAire ATU to an onsite system provides a three-step process to treat incoming wastewater. This process results in a highly treated effluent suitable for a variety of dispersal methods as required by today’s challenging sites conditions.



Collection Systems



The ECOFILTER Pump Vault is a pump package for pumping effluent from a septic tank, pump tank or basin. The ECOFILTER draws and filters effluent from the clarified zone of the tank.



Rotational molded polyethylene housing with UV inhibitors for durability and shelf life. The engineered system includes the pump filter vault, the high-head turbine submersible pump, and float controls. Customized to meet specific projects requirements.

The ECOFILTER features a dual-compartment design housing, which can be used for your simplex or duplex application needs.



Benefits

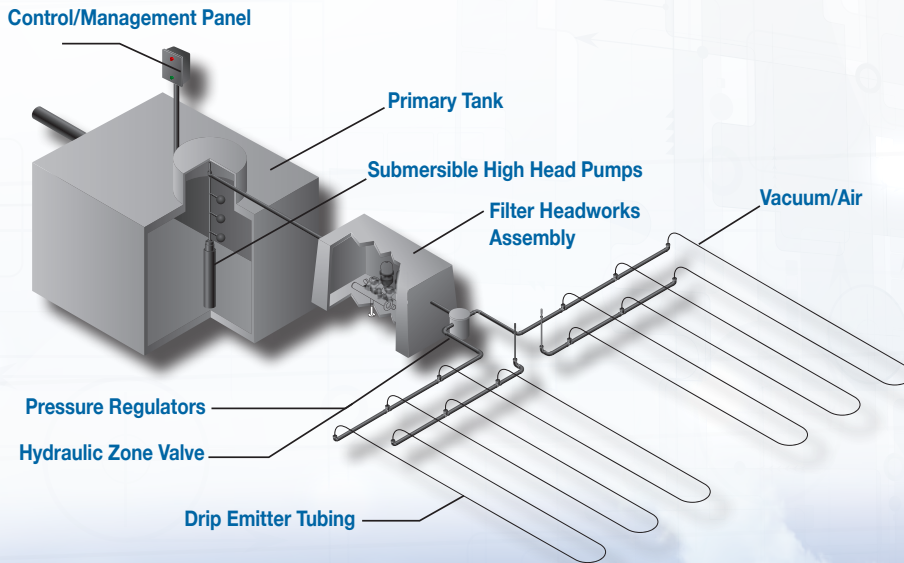
- Installs quickly in new or existing concrete, plastic or fiberglass tanks.
- Easy access design allows filter cartridge removal without pulling the pump or vault; simplifies filter inspection and maintenance.
- Optimal for both simplex and duplex applications.
- Removes a significant amount of suspended solids.
- Accommodates simplex or duplex pump configurations.
- Float stem bracket allows easy removal and adjustment of float assembly.
- Sturdy, molded polyethylene and corrosion-proof construction ensure long life.

Optimal for STEP systems

Pump Vault Specifications		
Model	DEPV-49	DEPV-57
Vault Height (in)	49 (1245 mm)	57 (1448 mm)
Filter Diameter (in)	9-3/4 (248 mm)	9-3/4 (248 mm)
Filter Height (in)	40-11/16 (119 mm)	48-11/16 (1237 mm)
Filter Surface Area	1848 in ² (46939 ² mm)	2208 in ² (46939 ² mm)
Pump Off/On/Alarm Level (from top of vault, in)	14 / 10 / 6.25 356/254/159 mm Adjustable	2.5 / 17.5 / 12.5 64/432/318 mm Adjustable

ECODRIP SERIES

Custom and manual system designs are available



Engineered Wastewater Drip Dispersal System

ECODRIP Pre-Engineered Dispersal Systems include design layouts, controls, filter systems, and all necessary components. These systems are offered in ½ horsepower and 1 horsepower, meeting the needs of 90% of all applications.

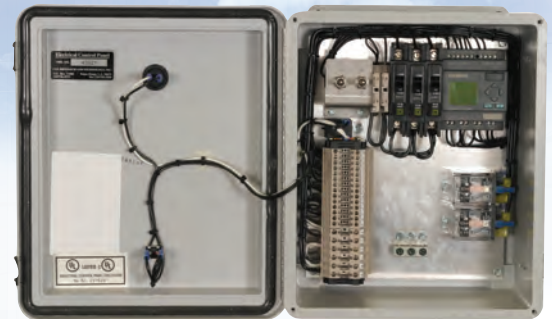
Benefits

- Pre-engineered design.
- Hydraulically balanced.
- Suited for difficult lots.
- 10-year drip tubing warranty.
- Single source treatment and dispersal.
- Easy installation.
- Supported by trained professionals.
- PLC based controller.
- Simple operation and maintenance.

CONTROL SERIES

Alarm and Control Panels

Delta Treatment Systems alarm and control panels are the intelligent choice in control panel technology providing a variety of designs to meet specific customer needs. All panels can be supplied with U.L. and/or Canadian U.L. 508A listings upon request. Custom panels can be furnished to meet specific local requirements.



Control Panel

Item Number	Dimensions (L"xW"xH")	Description	Voltage/Phase	Circuit Breaker	Dosing Mode	Operation
CP2210ECOFGUL	8"x6"x4"	ECOPOD Alarm Panel	120V/1Ø	15 amp	-	-
CP2220ECOFGUL	10"x8"x6"	ECOPOD Alarm Panel	120V/1Ø	20 amp	-	-
CP2005	8"x6"x4"	Standard ATU Alarm Panel	120V/1Ø	5 amp (Fuse)	-	-
CP4005	10"x8"x6"	Combo ATU/Pump Alarm Panel	120V/1Ø	20 amp	Demand	-
CP68RCT	10"x8"x6"	Simplex Pump Panel with Alarm	120/240V/1Ø	20 amp	Timer	Repeat Cycle
NP1008	10"x8"x6"	Simplex Pump Panel with Alarm	120/240V/1Ø	20 amp	Demand	-
NP1025	12"x10"x6"	Simplex Pump Panel with Alarm	120V/1Ø	15 amp	Timer	PLC
NP1020	14"x12"x6"	Duplex Pump Panel with Alarm	120V/1Ø	60 amp	Timer	PLC
CP8115	14"x12"x6"	Simplex Drip Filter Panel	120V/1Ø	20 amp	Timer	PLC
CP8230	14"x12"x6"	Simplex Drip Filter Panel	240V/1Ø	15 amp	Timer	PLC



The Aquaworx Intelligent Pump Control panel provides an innovative approach to pump control.

Benefits

- Simplified wiring for easy installation.
- Unique user interface with Mountable and Removable Controller (MARC™).
- Data logging provides easy access to historical data.
- Accurate timings eliminates need for a stopwatch.
- Liquid level displayed for draw-downs means no tape measure required.
- Veto level override function allows different timing at different loads.
- Manual / Off / Auto Operation.
- Audible alarm with push to silence.
- Floatless pressure transducer in the pump chamber.

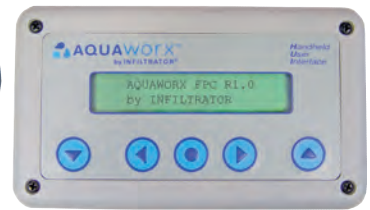


Designed specifically for the on-site industry, the IPC Panel leverages simple pressure transducer technology for the enhancement of pump system performance and ease of installation. Relying on an embedded microprocessor in the pump controller and a floatless pressure transducer in

the pump chamber, the IPC Panel monitors liquid levels, controls pumping time intervals, and logs events in real-time.

The MARC™

The IPC Panel utilizes the MARC™ to operate and collect system data. The MARC is a user friendly interface to monitor and operate the IPC panels.



The Tapper

The Tapper broadcasts a wireless signal that is specifically designed to allow the user to program the Aquaworx IPC Panel using a Wi-Fi enabled device. The Tapper connects to the panel using a standard RJ45 cable (included) and communicates via a Wi-Fi connection to a Wi-Fi enabled device such as a mobile phone, tablet or laptop computer. Once connected, the user navigates to a website that has all control settings for the IPC Panel. The Tapper is intended for use with multiple panels and includes a USB slot, allowing the user to capture and download system events and settings onto a removable USB memory device.



The Transducer

The Aquaworx Transducer Assembly connects to the panel with a wire cable, making it easier to wire and more cost effective than a float system. With most mechanical systems, floats trigger the timer and alarms at specific liquid levels. For each level, a function and float are required, and typically 3 to 5 floats are installed.

Aquaworx utilizes a Transducer Assembly that controls multiple functions, providing the data necessary to perform system functions.





Remediator

Rejuvenate a Failing Drainfield

The Aquaworx Remediator is a simple, easy-to-install septic system remediation technology that rejuvenates a failing drainfield with minimal landscape disruption. The unique system is inserted into an existing septic tank of a malfunctioning system and reverses the drainfield clogging process.



A proven track record

More than 7,000 malfunctioning septic systems have been restored to normal operation with this bioremediation technology.

The Aquaworx Remediator is a technology that is accepted or approved as a septic system repair by numerous regulatory agencies.



Benefits

- Eliminate the need for a complete drainfield replacement and the resulting landscape damage caused by heavy equipment.
- Problems associated with a malfunctioning septic system such as odors and wet areas in the yard are eliminated in as little as 2 weeks.
- Environmental solution that strengthens the natural process of wastewater treatment and groundwater recharge.
- Easy installation with no heavy equipment allows for minimal disruption and quick return on investment.
- Permanent, non-invasive solution with minimal cost to operate and maintain.

Aquaworx Remediator

Column Diameter at Base:	15" (381 mm)
Total Height:	30" (762 mm)
Weight:	38 lbs (17 kg)
Flow Rate:	600 gal/day (2271 L) for a 4 bedroom house
Air Pump Weight:	13 lbs (6 kg)
Air Pump Dimensions:	6.8"W x 8.2"L x 7.5"H (173 mm x 208 mm x 191 mm)

We Are an Environmentally Conscious Company

Infiltrator products are an environmentally sustainable solution when compared to traditional construction materials due to the significant reduction in energy used to produce them and their high usage recycled plastic content. With a full range of wastewater treatment products, ISO 9001:2015 accredited manufacturing facilities, and a commitment to resource conservation, Infiltrator is a leader in environmental stewardship.

ONE OF NORTH AMERICA'S TOP 25 RECYCLERS

Every day, Champion Polymer Recycling, Infiltrator's recycling division, purchases and processes post-consumer and post-industrial plastics that are used to manufacture our products. Recycled plastic material goes directly into the manufacturing of our products instead of being landfilled or incinerated. As one of the top plastic recyclers in North America, we put millions of pounds of waste polyolefin and polystyrene resins to use in our environmentally friendly products each year.



Recycled auto parts, carpeting, regrind and packaging materials.

Here are some ways Infiltrator and Champion are working to improve the environment in which we live.

- We recycle over 150 million pounds (75,000 tons) of plastic per year to manufacture our products.
- The post-consumer and post-industrial plastics we purchase keep 75,000 tons per year from being landfilled.
- Infiltrator products are made from 95% recycled material.
- We purchase polypropylene, polyethylene (LDPE and HDPE), polystyrene and materials (parts, purging, regrind, pellets) from the following industries: automotive, building materials, beverage and bottling, food processing, grocery/bakery, and distribution centers.
- Infiltrator has the capacity to process up to 500,000 pounds of plastic daily.
- Champion is one of the top 25 purchasers of recycled plastics in the North America.



ISO Certified Manufacturing Operations



Leading the industry in wastewater
and water management products.



Infiltrator Water Technologies manufactures and sells multiple product lines that meet stringent environmental and regulatory requirements for decentralized wastewater and water systems. The Infiltrator team built three of the world's largest injection molding machines in-house which produce a number of the largest injection molded parts in the world. Through its subsidiary Champion Polymer Recycling, Infiltrator is a leader in the use of "green materials" including post-consumer and post-industrial recycled plastics for the manufacture of products at their ISO 9001 registered manufacturing facility in Winchester, KY. The company holds 140 granted or pending patents.



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information and
helpful videos online
at www.infiltratorwater.com!



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