Better, Safer Drinking Water

Reverse Osmosis
UltraViolet Sterilizers
Point-of-Use Filters & Cartridges

475 Pro Series Reverse Osmosis Drinking Water System

Fast, Simple & Sanitary Maintenance!

Quick connect disposable cartridges and membrane with unique keys allow for dealers to implement an easy 'mail-out' recurring revenue stream. With built in auto water shut-offs there is no need to turn off the water supply prior to maintenance.

Because traditional systems require the disinfection of the permanent housing canisters and involve more direct human contact, maintenance can take as much as an hour and if not done properly can result in a contaminated system.
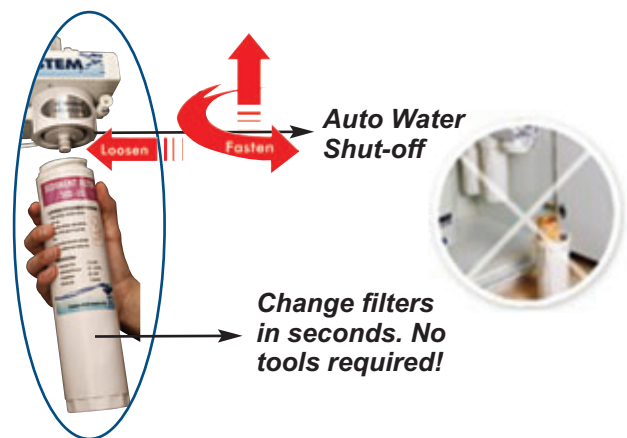
Disposable cartridges change in seconds and are much more sanitary!

Features:

- Four stage filtration: 5 micron sediment pre-filter, 10 micron premium coconut carbon pre & post-filters, quick connect 75 GPD thin film composite NSF Certified reverse osmosis membrane
- Bayonet-style disposable cartridges are fast and more sterile
- Includes faucet and 3.0 gallon NSF Certified storage tank. (Designer faucets available)
- 3/8" tubing for high product flow rate from tank to faucet
- Tubing labelled for easy configuration
- Quick connect fittings, inlet saddle and drain saddle for easy installation
- Booster pump model with inlet solenoid
- Color cartons make for a great display

Auto Water Shut-off

Change filters in seconds. No tools required!

Pro Series Drinking Water Systems	
Item #	Description
20010023	475 PRO Series RO system
20010024	475 PRO Series RO system w/BP

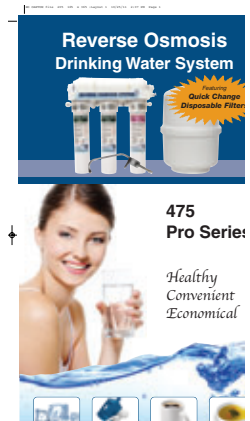| Replacement Filters & RO Membrane	
Item #	Description
65010086	SED-10 (Sediment Filter - 5 Micron)
65010088	COC-10 Coconut Carbon (Pre & Post Carbon - 10 Micron)
70010014	RO Membrane 75 GPD TFC
65010087	CB-10 Carbon Block (Optional Filter - 10 Micron)
65010089	GAC-10 Granular Carbon (Optional Filter)

* Filter cartridge configuration maybe subject to change.

Reverse Osmosis Drinking Water System

Featuring Quick Change Disposable Filters

475 Pro Series

Healthy Convenient Economical

Booster Pump Model

Reverse Osmosis Drinking Water Systems

Features:

- TFC reverse osmosis membrane provides up to 99% Total Dissolved Solids (TDS) rejection
- 50 & 75 USGPD models
- Pre-filters 10" five (5) micron Spun Polypropylene Sediment Cartridge and 10" Activated Carbon Cartridge
- Post filter: 10" Activated Carbon Cartridge
- Non air gap chrome plated faucet
- 3/8" outlet tubing for higher flows
- Automatic shut-off valve
- Stainless steel product water check valve
- Quick connect fittings for ease of installation
- Powder coated bracket
- 3.8 gallon plastic storage tank

CP-1 Ultraviolet Disinfection System also available (Item # 40010006). Perfect for POU post RO applications

Item #	Description
20010001	4 stage 50 gallon RO system
20010002	4 stage 75 gallon RO system
20010003	4 stage 75 gallon RO system w/BP

Replacement Filters & RO Membrane

Item #	Description
65010002	5 Micron Pre-Filter - 10" Sediment
65010001	Pre & Post Filter - 10" Carbon
70010003	50 GPD TFC Membrane
70010004	75 GPD TFC Membrane

Model #20010003 Features:

- Reverse osmosis membrane, nominally rated at 75 U.S. gallons per day
- Booster Pump: Mounted on RO to maintain constant water pressure
- Raises water pressure to ideal level for maximum efficiency
- Use on rural supplies with low pressure or high TDS
- Self-priming and whisper quiet
- Runs on a 24VAC transformer (included) from a standard 120VAC electrical outlet
- Systems includes: Flexible mounting plate, quick connect fittings and pressure shut-off switch

Designer Faucets

Designer RO faucets are a stylish addition to any kitchen. The NSF Certified lead-free ceramic disk faucets are available in many attractive finishes to coordinate with any decor. The faucets feature lead-free plastic water passages and lead-free brass gooseneck spouts that swivel 360 degrees for ease of use.

VS888

VS905

Item #	Model
70040037	Faucet, VS888, Antique Bronze
70040051	Faucet, VS888, Antique Wine
70040035	Faucet, VS888, Brushed Nickel
70040052	Faucet, VS888, Oil Rubbed Bronze
70040033	Faucet, VS888, Polished Chrome
70040053	Faucet, VS888, Satin Nickel
70040045	Faucet, VS905, Antique Bronze
70040054	Faucet, VS905, Antique Wine
70040043	Faucet, VS905, Brushed Nickel
70040055	Faucet, VS905, Oil Rubbed Bronze
70040041	Faucet, VS905, Polished Chrome
70040056	Faucet, VS905, Satin Nickel
70040048	Stand, Display

*Bright Gold and Black available as special order only.

Chrome Plated
Antique Brass
Antique Wine
Bright Black
Brushed Nickel
Oil Rubbed Bronze
Satin Nickel
Bright Golden

Specifications	VS888	VS905
Height	11.5" (292mm)	11.075" (281.32mm)
Spout Reach	5.7" (146mm)	4.75" (120mm)
Mounting Hole Diameter	1/2" (12.5mm)	1/2" (12.5mm)
Base Diameter	1.73" (44mm)	1.76" (44.8mm)
Connection	1/4" compression nut fitting	1/4" compression nut fitting
Operating Pressure	125 PSI/8.3BAR	125 PSI/8.3BAR
Flow Rate	1.0 gpm/3.785lpm @35 PSI/2.32BAR	1.0 gpm/3.785lpm @35 PSI/2.32BAR
Temp Rating	4°C/40°F to 70°C/158°F	4°C/40°F to 70°C/158°F
Warranty	2 Years	2 Years

* All mounting hardware included. A 3/8" quick connect faucet adapter fitting (#80010017) can be purchased seperately.

RO Booster Pumps

PAB8800 Series High Flow Booster Pump

Key Operational Benefits:
- Boosts pressure 40 to 120 psi (adjustable)
- Used with membranes 50 to 120 GDP
- 15,000+ operating hours (estimated)
- Quiet – less than 52 DBA
- Can run dry without damage

Features:
- Toughest, most durable pump on the market
- Adjustable max. outlet psi (regardless of feed pressure)
- Expels trapped air (no more air locks)
- Can be mounted with pump head up or horizontal
- More flow at extremely low inlet pressures
- New motor venting system to remove moisture
- EMI/RFI electronic noise suppression
- 100% final performance tested
- Available in 12VDC and 24VDC

Aquatec 5800 Demand Pump

OPERATION: The 5800 pump can draw water from a holding tank and pressurize it, or boost the pressure from a low pressure source. They are designed to operate intermittently, but most versions can run continuously for several hour intervals. The pumps can be operated in demand mode controlled by an integral pressure switch, or in delivery mode controlled by an external power switching device. An integral bypass may be used to limit pressure.

POWER: 115V   **PSI:** 60 **GPM:** 0.9
MOUNTING: A steel mounting base with four hollow rubber grommets is standard and included at no extra cost. The pump may be mounted in any position.
FITTINGS: The 5800 pump is offered with integral John Guest style quick connect fitting for 3/8" OD semi rigid tubing.

KemFlo MD1050 Booster Pump

Description:
110/230 VAC, 75 GPD Booster pump 1.0 L.min, suitable for applications with 24VDC transformer
Specifications:
Kemflo MD Series booster pump with 3/8" FNPT, made from NSF grade material high power flow rate and quality. Meet ROHS standard.

Item #	Model
70030001	KF – BOOSTER PUMP – MD1050
70030005	AQUATEC MODEL PAB8800 BOOSTER PUMP
70030006	AQUATEC MODEL PD5800 DEMAND PUMP

Reverse Osmosis Storage Tanks

MATERIALS OF CONSTRUCTION

Tank: 16 gauge cold rolled steel

Finish: Appliance quality paint for indoor or outdoor installation

Water chambers: Top chamber is 100% butyl rubber, lower water chamber is copolymer polypropylene

Connection: Stainless Steel

Testing: High pressure, seam weld, helium, final precharge check

Air valve: Brass valve with o-ring seal

Warranty: Five year

Patented, welded, all stainless steel water connection has separate air and water seals.

Dimensions & Capacities

Model	Item #	Total Tank Volume		Height		Diameter		Connection	Total Weight	
		Gallons	Litres	In	Cm	In	Cm	In	Lbs	Kilos
WR 45	70021000	14 Gal	60 L	22	55.88	16	40.64	1" NPT	28	12.7
WR 60	70021001	20 Gal	80 L	29	73.66	16	40.64	1" NPT	36	16.3

Quick Sizing Chart

Model	Item #	Total Tank Volume		Total Drawdown					
				20/40		30/50		40/60	
		Gallons	Litres	Gallons	Litres	Gallons	Litres	Gallons	Litres
WR 45	70021000	14 Gal	60 L	5.6	21.4	4.8	18.1	4.1	15.6
WR 60	70021001	20 Gal	80 L	8.1	30.5	6.8	25.8	5.9	22.3

*Total drawdown assumes tank pre-charge set at 2 psi below cut-in pressure. Drawdown can be affected by many factors, including temperature, pressure and elevation.

Other sizes available. Contact Customer Service for details

Quick Connect Ball Valve Assembly reduces 1" tank connection to John Guest Quick Connect RO ball valve $1/4$" to $3/8$" tubing.

Item #	Description
70031000	Wellrite Tank Fitting Assembly

Ultraviolet Disinfection Systems

SI Series – perfect for point-of-entry (POE) home & cottage applications.

CT Series – ideally suited for POE applications with high flow rates and constant flow demand.

The SI Series

This modular line of ultraviolet disinfection systems can be used in a myriad of applications where flexibility and pricing sensitivity is a deciding factor. The SI-6, SI-10 and SI-15 systems can be used on a point-of-entry system, disinfecting the water for an entire home or cottage. The low pressure germicidal lamps provide an economical way of treating water requiring a 99.99% reduction in bacteria and viruses.

These simplistic designs allow for easy homeowner maintenance. The UV lamp can be changed without interrupting the water flow. The quartz sleeve design allows for maximum UV output and operating efficiency.

Features:

- SI-6 flow rates of 22.7 L/min (6 gpm)
- SI-10 flow rates of 37.9 L/min (10 gpm)
- SI-15 flow rates of 57 L/min (15 gpm)
- Visual LED display showing Lamp Life Remaining and Total Controller Running Time
- Audible indicator
- 254 nm ultraviolet lamp features proprietary coating allowing for consistent UV output over life as well as uniform temperature distribution meaning required output is achieved over 9000 hour lamp life
- Compact design incorporating 304 stainless steel reactor chambers
- Easy servicing – no need to disconnect water flow to change lamp
- Open-end quartz sleeves and aluminum gland nuts for optimum operating temperature and seating efficiency
- 4-log (99.99%) destruction of bacteria, virus and protozoan cysts (Giardia lamblia and Cryptosporidium) at rated flow
- Seven year warranty on reactor chamber, two years electrical hardware and one year lamp

Item #	Description
40010001	Ultraviolet System, SI–6
40010002	Ultraviolet System, SI–10
40010003	Ultraviolet System, SI–15

The CT Series

The CT Series line of disinfection systems incorporate high-output UV lamp technology coupled with efficient axial flow reactors. This modular line of UV disinfection systems in flow rates of 8 and 13 gpm, are ideally suited for point-of-entry applications with high flow rates and constant flow demands.

Using high-output coated low pressure germicidal UV lamps coupled with 304 stainless steel, axial flow reactors, the CT Series offer a compact installation footprint, yet provides a high flow throughput. Systems also incorporate a new controller providing constant output current and a universal power input (100-240V/50-60Hz), as well as visually displaying remaining lamp life and total days of operation. All this is packaged in a water-tight case and comes fully CSA and CE compliant.

Features:

- CT-8 flow rate of 8 gpm (30.3 lpm) at a 30 mJ/cm2 dose (6 gpm (22.7 lpm) if a dose of 40 mJ/cm2 is required.)
- CT-13 flow rate of 13 gpm (49.2 lpm) at a 30 mJ/cm2 dose (10 gpm (37.8 lpm) if a dose of 40 mj/cm2 is required.)
- Visual LED display showing Lamp Life Remaining and Total Controller Running Time Audible indicator
- High Output ultraviolet lamp features proprietary coating allowing for consistent UV output over life as well as uniform temperature distribution meaning required output is achieved over 9000 hour lamp life
- Compact design incorporating 304 stainless steel reactor chambers
- Easy servicing – no need to disconnect water flow to change lamp
- Open-end quartz sleeves and aluminum gland nuts for optimum operating temperature and sealing efficiency
- 4-log (99.99%) destruction of bacteria, virus and protozoan cysts (Giardia lamblia and Cryptosporidium) at rated flow
- Seven year warranty on reactor chamber, two years electrical hardware and one year lamp

Item #	Description
40010004	Ultraviolet System, CT–8
40010005	Ultraviolet System, CT–13

Important

Pretreatment may be required depending upon the characteristics and quality of the incoming water supply. The following table is a guideline to help identify conditions where pretreatment may be required:

Iron (Fe) > 0.3 ppm (0.3 mg/L)
Hardness > 7 gpg (120 mg/L)
Turbidity > 1.0 NTU

Manganese (Mn) > 0.05 ppm (0.05 mg/L)
Tannins > 0.1 ppm (0.1 mg/L)
UV Transmittance < 75%

Specifications

UV SPECIFICATIONS		CP-1 (40010006)	CT-8 (40010004)	CT-13 (40010005)	SI-6 (40010001)	SI-10 (40010002)	SI-15 (40010003)
Flow Rate 95% UVT	US Public Health (16mJ/cm^2)	7.5 lpm (2.0 gpm) (0.5 m^3/Hr)	56.8 lpm (15.0 gpm) (3.4 m^3/Hr)	94.6 lpm (25.0 gpm) (5.7 m^3/Hr)	41.5 lpm (11.0 gpm) (2.5 m^3/Hr)	75.7 lpm (20.0 gpm) (4.5 m^3/Hr)	110.0 lpm (29.1 gpm) (6.6 m^3/Hr)
	Industry Standard (30 mJ/cm^2)	4.0 lpm (1.1 gpm) (0.2 m^3/Hr)	30.3 lpm (8.0 gpm) (1.8 m^3/Hr)	49.2 lpm (13.0 gpm) (3.0 m^3/Hr)	22.7 lpm (6.0 gpm) (1.4 m^3/Hr)	37.9 lpm (10.0 gpm) (2.3 m^3/Hr)	57.0 lpm (15.1 gpm) (3.4 m^3/Hr)
	NSF/EPA (40 mJ/cm^2)	2.0 lpm (0.5 gpm) (0.1 m^3/Hr)	22.7 lpm (6.0 gpm) (1.4 m^3/Hr)	37.8 lpm (10.0 gpm) (2.3 m^3/Hr)	17.0 lpm (4.5 gpm) (1.0 m^3/Hr)	29.3 lpm (7.7 gpm) (1.8 m^3/Hr)	42.0 lpm (11.1 gpm) (2.5 m^3/Hr)
Dimensions	Length	34.3 cm (13.5")	45.2 cm (17.8")	57.9 cm (22.8")	53.3 cm (21.0")	90.0 cm (35.4")	94.0cm (37.0")
	Diameter	6.5 cm (2.5")	8.9 cm (3.5")	8.9 cm (3.5")	6.4 cm (2.5")	6.4 cm (2.5")	8.9 cm (3.5")
	Controller	NA	24.1x8.1x6.4 cm (9.4"x3.2"x2.5")	24.1x8.1x6.4 cm (9.4"x3.2"x2.5")	19x8.1x6.4 cm (7.3"x3.2"x2.5")	19x8.1x6.4 cm (7.3"x3.2"x2.5")	19x8.1x6.4 cm (7.3"x3.2"x2.5")
Inlet/Outlet Port Size		Combo 3/8" FNPT, 1/2"MNPT	Combo 3/4" FNPT, 1"MNPT	1" MNPT	3/4" MNPT	3/4" MNPT	Combo 3/4" FNPT, 1"MNPT
Shipping Weight		1.8 kg (4.0 lbs)	5.4 kg (11.9 lbs)	6.8 kg (15.0 lbs)	2.7 kg (6.0 lbs)	4.5 kg (9.9 lbs)	5.9 kg (13.0 lbs)
Electrical	Volts	120-130V 50-60Hz	100-240V 50-60Hz	100-240V 50-60Hz	100-240V 50-60Hz	100-240V 50-60Hz	100-240V 50-60Hz
	Power Consumption	12W	35W	42W	30W	45W	48W
	Lamp Power	10W	30W	36W	24W	37W	39W
Ambient Temperature		2-40 ^{0}C (36-104^{0}F)	2-40 ^{0}C (36-104^{0}F)	2-40 ^{0}C (36-104^{0}F)	2-40 ^{0}C (36-104^{0}F)	2-40 ^{0}C (36-104^{0}F)	2-40 ^{0}C (36-104^{0}F)
Maximum Operating Pressure		8.62 bar (125 PSI)	8.62 bar (125 PSI)	8.62 bar (125 PSI)	8.62 bar (125 PSI)	8.62 bar (125 PSI)	8.62 bar (125 PSI)
Audible Lamp Failure		NO	YES	YES	YES	YES	YES
Visual "Power On"		YES	YES	YES	YES	YES	YES
Reactor Chamber Material		304 S.S.	304 S.S.	304 S.S.	304 S.S.	304 S.S.	304 S.S.
Lamp Replacement Indicator		NO	YES	YES	YES	YES	YES
Lamp Type		Standard Output	High output	High output	Standard Output	Standard Output	Standard Output
Visual Lamp Life Remaining		NO	YES	YES	YES	YES	YES
Total Remaining Time		NO	YES	YES	YES	YES	YES

• Monitored & NSF Approved models are available upon request.

Accessories:

Solenoid - The solenoid is a valve which is required to default to a desired position, referred to as fail-safe, upon loss of power or a major alarm condition (a drop in UV intensity). Therefore the water flow will stop if there is a loss in power, a lamp failure or a loss of UV dose, giving added security to your UV system.
Size: ¾" (40020015) & 1" (40020020)
Material: Brass
Electrical: 110V./50-60 Hz

Whole Home Ultraviolet Filtration System

Perfect for home or cottage, this whole home UV system includes two-stage pre-filtration and UV treatment. A 20" five micron carbon block filter reduces chlorine taste & odor while a 20" five micron sediment filter reduces particulate.

Green indication light shows normal operating conditions while a red light with audible alarm alerts the homeowner of possible system failure.

Additional Features:
• Low maintenance
• Easy change filters
• Ready to install heavy
  duty racking system

Item #	Description
40010101	8 gpm UV Filtration System

Replacement Parts

Item #	Description
65010018	5 Micron Sediment Pre-Filter
65010023	10 Micron Carbon Block Pre-Filter
40020032	UV Lamp - 8 GPM
40020033	Quartz Sleeve - 8 GPM

Specifications VPS1140	
Rated Service Flow	30LPM / 8GPM
Unit Dimensions (L x W x H)	55.9cm/22" x 21.6cm/8.5" x 85.1cm/33.5"
Power Input	115V / 60Hz
Operating Pressure Range	0 – 100 PSI
Feed Water Temperature Range	41 – 100 –°F (5 – 37.7 °C)
Unit Volume	17L / 4.5G
Inlet Port Size	1" Female NPT
Outlet Port Size	3/4" Male NPT
Minimum distance for adjacent combustible materials	15 cm/6"

Point-of-Use Water Filters

Under Sink Filtration System

Filter sediment, rust, taste & odour from your water with a Novo under sink filtration system. Perfect for home, farm or cottage when used on potable water supplies. The system will reduce chlorine and sediment down to 0.5 microns.

Clean, great tasting water right from your very own tap. Perfect if you are looking for a cost effective and convenient solution for better drinking water. Also great for soup, coffee, tea, ice cubes and juice!

System Includes:

- Two Housing bracket c/w housings
- One 10" 0.5 micron carbon block cartridge for lead, cyst, MTBE, VOC, taste & odour removal.
- One 5 micron 10" granular activated coconut shell cartridge for final polish
- 5 foot length ¼" OD blue tubing (product water)
- 5 foot length ¼" OD white tubing (feed water)
- Long reach faucet assembly c/w quick connect tube fitting
- SV (self tapping feed water saddle valve c/w quick connect tube fitting)
- Filter housing wrench
- Elbow, ¼" x ¼", QC x MNPT
- ¼" plastic tubing inserts
- Phillips #10 x ¾" stainless steel screws

Item #	Description
65020016	Undersink Filtration System

Point-of-Use Water Filters

There are two considerations when making a choice of filtration systems:

1) **Type of Housing**
2) **Type of Filter Cartridge**

Housings

Housings come in different sizes, colors, materials of construction and offer different features. Here is a quick breakdown:

✓ **Size** – You need to consider the constraints of your install space first but in general the larger the diameter and longer the housing the more flow rate it can handle and higher removal capacity of the cartridge meaning less frequent cartridge changes.

✓ **Color** – Housings are usually transparent or opaque. Transparent housing allow for visual inspection when determining to change the cartridges. They are not suitable for outdoor applications however.

✓ **Materials of Construction** – Plastic housing are standard for residential applications and temperatures up to 100°F (38°C). Stainless Steel housings, while more expensive, are more durable and can filter higher temperature liquids.

✓ **Features** – Some models of plastic housings come with a shut-off valve built into the head of the housing allowing for easier service and installation.

Cartridges

There is an overwhelming selection of cartridges to choose from. We have selected a range of cartridges to cover most water quality needs. The two most common applications are for sediment removal and for taste & odor removal (various types of carbon filtration).

A micron rating is also common for most cartridges. One micron is equivalent to 0.000039 inches (the diameter of a human hair is 50 to 70 microns). Choosing the right micron rating is a balance between performance and cartridge life. If you chose a smaller micron rating and the cartridge is loading up too fast then a higher micron rated cartridge may provide a better balance.

Housing Kits

10" VIH34 Housing Kit

Description:
¾" NPT blue cap
10" clear housing. Housing Kit also includes sump wrench, plastic adaptor and fittings (cartridge is not included)

Item #	Model
65020007	VIH34 - REGULAR CLEAR, /W KIT

Specifications:
VIH (Valve-In-Head) filter housing designed for 9 ¾" filter cartridges; FDA grade
Built-in bypass and shut-off for easy cartridge changes
Max Pressure: 125 psig (862 kPa)
Max Temp: 125 °F (52°C)

10" APC Housing Kit

Description:
¾" NPT blue cap with pressure relief
10" clear housing
Housing Kit also includes sump wrench, mounting bracket, plastic adaptor and fittings (cartridge is not included)

Item #	Model
65020006	APC34 - REGULAR CLEAR, /W KIT

Specifications:
APC filter housing designed for 9 ¾" filter cartridges;
NSF listed, FDA grade Styrene-Acrilonitrile
Max Pressure: 125 psig (862 kPa)
Max Temp: 125 °F (52°C)

10" Regular Blue Housing Kit

Description:
¾" NPT black cap with pressure relief
10" blue housing
Housing Kit also includes sump wrench, mounting bracket and hardware

Item #	Model
65020011	10" REGULAR BLUE, 3/4" NPT, /W PRESSURE RELIEF
65020015	10" REGULAR CLEAR, 3/4" NPT, /W PRESSURE RELIEF

Specifications:
Designed for 9 ¾" filter cartridges;
NSF listed, FDA grade materials
Max Pressure: 125 psig (862 kPa)
Max Temp: 120 °F (50°C)

Kits include sump wrench, plastic adaptor & fittings

Housing Kits

20" Regular Blue Housing Kit
Description:
¾" NPT black cap with pressure relief
20" blue housing
Housing Kit also includes sump wrench, mounting bracket and hardware

Specifications:
Designed for 20 inch filter cartridges;
NSF listed and FDA grade materials
Max Pressure: 125 psig (862 kPa)
Max Temp: 120 ^{o}F (50°C)

Item #	Model
65020012	20" REGULAR BLUE, 3/4" NPT, /W PRESSURE RELIEF

10" Large Blue Housing Kit
Description:
Large Blue 1" & 1 ½" NPT black cap with pressure relief,
10" blue housing
Housing Kit also includes sump wrench, mounting bracket and hardware

Specifications:
Designed for 9 ¾" x 4 ½" filter cartridges;
NSF listed and FDA grade materials
Max Pressure: 125 psig (862 kPa)
Max Temp: 120 ^{o}F (50°C)

Item #	Model
65020003	10" LARGE BLUE, 1-1/2" NPT, /W PRESSURE RELIEF
65020004	10" LARGE BLUE, 1" NPT, /W PRESSURE RELIEF
65020014	10" LARGE BLUE, 3/4" NPT, /W PRESSURE RELIEF

20" Large Blue Housing Kit
Description:
Large Blue 1" & 1 ½" NPT black cap with pressure relief,
20" blue housing
Housing Kit also includes sump wrench, mounting bracket and hardware

Specifications:
Designed for 20 x 4 ½" filter cartridges;
NSF listed and FDA grade materials
Max Pressure: 125 psig (862 kPa)
Max Temp: 120 ^{o}F (50°C)

Item #	Model
65020001	20" LARGE BLUE, 1-1/2" NPT, /W PRESSURE RELIEF
65020002	20" LARGE BLUE, 1" NPT, /W PRESSURE RELIEF
65020013	20" LARGE BLUE, 3/4" NPT, /W PRESSURE RELIEF

Stainless Steel Housings

Features:

• Heavy-duty units for smaller filtration systems and point-of-use applications
• Brushed 304 stainless steel sump with a cast brass / nickel plated head
• Ideal for high-pressure / hot water applications
• Utilizes double open-end cartridges

Materials of Construction

Housing	Brushed 304 Stainless Steel
Head	Brass / Nickel Plated
Max Temperature	300°F (149°C)
Pipe Size	3/4" NPT
Sealing Gaskets	Buna-N, Cellulose Fiber

Housing Specifications & Performance Data

Item #	Model	Maximum Dimensions	Flow Rate (gpm)	Maximum Pressure
65021027	SS-1	14 1/8" x 4 1/8" (360mm x 105mm)	10 gpm (38 lpm)	250 psi (17.2 bar)
65020051	SS-2	24" x 4 1/8" (610mm x 105mm)	15 gpm (57 lpm)	250 psi (17.2 bar)
65020052	SS-3	33 5/8" x 4 1/8" (853mm x 105mm)	20 gpm (76 lpm)	250 psi (17.2 bar)

* Maximum cartridge diameter 3" (76mm)

#65020053 Side Stream Filter Assembly

Pre-Assembled SS-1 Housing with stainless steel shutoffs and stainless steel flow indicator.

'Side stream filters are primarily used for filtering a portion of the water in a closed loop boiler system to protect the boiler, controls and circulating pumps

Dimensions: 14 1/8" (h) x 20 3/4" (w) x 4 1/8" (d)

Sediment Filters

A common water problem is the presence of particulate such as sediment or silt which results in cloudy water. The choice of sediment cartridge is dependant on your water quality problems and needs. Refer to the chart below to help you select the proper cartridge.

SEDIMENT CARTRIDGE SELECTION GUIDE

CANATURE MODEL	Melt Blown Polypropylene	Melt Blown Polypropylene	Melt Blown Polypropylene	String Wound Polypropylene	String Wound Polypropylene	String Wound Polypropylene	Dual Gradient Filter	Dual Gradient Filter	Pleated Cellulose	Resin Impregneated Pleated Cellulose	Pleated Polyester	Pleated Polypropylene Absolute	Hot Water (Non-Potable) String Wound Polypropylene	Hot Water (Non-Potable) String Wound Polypropylene
Nominal Micron Rating	20	5	1	30	5	1	25/01	50/5	20	5	30		5	25
Absolute Micron Rating												1		
Filtration Efficiency	LOW-MED	LOW-MED	LOW	HIGH	HIGH	LOW-MED	HIGH	MED-HIGH	HIGH	HIGH	MED	98% ABSOLUTE	LOW-MED	MED
Sizes														
10"	65010010	65010009	65010008	65010051	65010050	65010111			65010006	65011192		65010100		65010503
20"	65010013	65010012	65010011	65010053	65010052	65010112				65011193		65010101	65010501	
10"BB	65010016	65010015	65010014	65010055	65010054	65010113	65011016	65011017	65010007	65011000	65011014	65010102		
20"BB	65010019	65010018	65010017	65010057	65010056	65010114	65011035	65011036	65011030	65011002	65011034	65010103		
Recommended Flow Rates														
10"	5.0 GPM	5.0 GPM	5.0 GPM	10.0 GPM	5.0 GPM	2.0 GPM			7.0 GPM	7.0 GPM		2.0 GPM	5.0 GPM	
20"	10.0 GPM	10.0 GPM	10.0 GPM	20.0 GPM	10.0 GPM	4.0 GPM				15.0 GPM		4.0 GPM	10.0 GPM	
10"BB	10.0 GPM	10.0 GPM	10.0 GPM	20.0 GPM	10.0 GPM	4.0 GPM	10.0 GPM	10.0 GPM	15.0 GPM	15.0 GPM	15.0 GPM	4.0 GPM	10.0 GPM	
20"BB	20.0 GPM	20.0 GPM	20.0 GPM	40.0 GPM	20.0 GPM	8.0 GPM	20.0 GPM	20.0 GPM		30 GPM	30 GPM	8.0 GPM	20.0 GPM	
Reduces:														
Coarse Sand	x			x			x	x					x	
Loose Scale	x	x		x	x		x	x					x	
Algae	x	x	x	x	x	x	x	x	x	x	x	x	x	
Rust	x	x	x	x	x	x	x	x	x	x	x	x	x	
Sediment / Dirt	x	x	x	x	x	x	x	x	x	x	x	x	x	
Fine Sediment / Dirt		x	x		x	x	x	x	x	x		x	x	
Fine Silt			x			x	x					x	x	
Other Features:														
Cleanable / Reusable											x			
Bacteria & Chemical Resistant											x			
Hot Water Compatible													x	x
Extra Dirt Holding Capacity							x	x						
Cyst Removal												x		
Cross Reference														
PENTEK	P SERIES	P SERIES	P SERIES	CW/WP SERIES	CW/WP SERIES	CW/WP SERIES	DGD SERIES	DGD SERIES	S1 SERIES	ECP SERIES				

Carbon Filters

Carbon filtration improves taste and removes odor caused by chlorine & organics. Specific cartridges also reduce pesticides, VOC's, lead and other unwanted undesirables. Please refer to the chart below to help you select the proper cartridge for your needs.

CARBON CARTRIDGE SELECTION GUIDE

CANATURE MODEL	GAC	PLEATED CARBON IMPREGNATED POLYESTER	CTO CARBON BLOCK	PREMIUM CARBON BLOCK	RADIAL FLOW GAC	CHLORAMINE RADIAL FLOW ADVANCED GAC	LEAD REDUCTION CARBON BLOCK	RADIAL FLOW IRON REDUCTION
Nominal Micron Rating	5	5	10	0.5	70	20	0.5	70
Sizes								
10"	65010024	65010058	65010020	65011073			65011077	
20"	65010025	65010059	65010021					
10"BB	65010026	65010060	65010022		65011000	65011128		
20"BB	65010027	65010061	65010023		65011108	65011129		65011117
Recommended Flow Rates								
10"	1.0 GPM	2.5 GPM	1.0 GPM	2.0 GPM			0.6 GPM	
20"	2.0 GPM	5.0 GPM	2.0 GPM					
10"BB	2.0 GPM	5.0 GPM	2.0 GPM		7.0 GPM	2.5 GPM		
20"BB	4.0 GPM	10.0 GPM	5.0 GPM		10.0 GPM	5.0 GPM		6.0 GPM
Chlorine Reduction Capacity (Gallons)								
10"	5,000	225	6,000	20,000			20,000	
20"	10,000	450	12,000					
10"BB	12,500	500	22,000		35,000	100,000 / 5,000		
20"BB	25,000	1000	40,000		70,000	200,000 / 10,000		
Reduces:								
Unpleasant Taste / Odor	x	x	x	x	x	x	x	
VOC's (Volatile Organic Compounds)				x			x	
THM'S				x				
Pesticides				x				
Lead / Mercury							x	
Sediment / Dirt		x	x				x	
Fine Sediment / Silt		x	x	x			x	
Iron								UP TO 3 PPM
Traps:								
Cysts (Cryptosporidium)				x			x	
Cross Reference								
Pentek	GAC SERIES	C SERIES	EP SERIES	CBC SERIES	RFC SERIES	CRFC SERIES	CBR2 SERIES	RFFE20 SERIES

Carbon Filters

Aipro-Polyphosphate & Aicro Activated Carbon In-Line Cartridges
Description: Aipro-Polyphosphate – 2" x 10" In-Line polyphosphate cartridge. Inhibits scale. ¼" FNPT.
Aicro-Activated Carbon – 2" x 10" In-Line GAC post cartridge. 20 x 40 mesh coconut shell granular activated carbon. ¼" FNPT. Removal of chlorine, oganics, bad tastes and odor. NSF listed.

Item #	Model
65010004	AIPRO-POLY 10" POLYPHOSPHATE IN-LINE CARTRIDGE
65010005	AICRO-ACTIVATED CARBON 10" IN-LINE CARTRIDGE

WIM14 Ice Maker:
This replacement filter for ice makers, water dispensers and the WF water filter systems contains the finest coconut based granular activated carbon to remove bad taste & odors. Dimensions: 2 1/4" x 8"

Item #	Model
65020008	WIM14 DISPOSABLE ICEMAKER WATER FILTER