

# *Drinking Water*

*Reverse Osmosis*

*Ultraviolet Sterilizers*

*POU Filters & Housings*

*Designer Faucets*

*Booster / Demand Pumps*





# Drinking Water

## Aqua Flo Platinum QCRO & QCUF Drinking Water Systems

### Customized Drinking Water

Water conditions can vary even in the same community. The Aqua Flo Platinum QCRO System can be configured to meet your specific requirements. There are ten interchangeable filters with a variety of treatment options that can be tailored to local water conditions, so your water is the best it can be.

If you're concerned about RO reject water or RO drain line makes installation difficult, we offer UltraFiltration (UF).\* The UF does not have a drain line to run, your cost is less than RO and there is no waste.

The innovative QC twist and lock design makes service simple. Twist off the old cartridge and twist on the new. No messy sump removal. Aqua Flo Platinum QC systems make drinking water better and life easier.

\* Check with water treatment specialist to recommend you an RO or UF system depending on your untreated water quality.



**"The innovative QC twist and lock design makes service simple."**

**AQUA FLO®**  
PLATINUM





# Drinking Water

## Aqua Flo Platinum QCRO & QCUF

### Drinking Water Systems

#### Product Specifications

**Sediment Filters.** Screens out sediments and particles. Various micron size filters are available.

**Carbon Filters.** Reduces elements that cause water to taste and smell unpleasant, including chlorine taste and odor.

**Reverse Osmosis Filters.** Reduces dissolved substances. Various capacity membranes are available.

**Specialty Filters.** Optimize drinking water taste and adjust to local water supply with a wide array of custom filter options.



**Manifold Assembly.** The single manifold ensures reliability. Houses four separate filter technologies in a unique space saving design.

**Automatic Shutoff Valve.** Shuts off the system when reservoir tank is full.

**Reservoir Tank.** Durable, high quality, powder coated, steel tank ensures you'll have a plentiful supply of refreshing water. Various size tanks are available.

**Designer Faucet.** Multiple styles and colors are available. (Standard faucet shown)

#### Filter Cartridge and Single Stage Standalone System Specifications

	Sediment Filter	Carbon Block Filter	Carbon Block Filter	GAC Carbon Filter	pH Booster Filter Cartridge	UF (Hollow Fiber) Membrane	Carbon Block - 1 Mic Filter
<b>Purpose</b>	Sediment Removal	Chlorine Taste and Odor	Chlorine Taste and Odor	Polishing - Taste and Odor	Raise pH of water and removal of chlorine, taste and odor	Ultra Fine Filtration	Chlorine Taste and Odor, Particulate Reduction
<b>Type</b>	Polypropylene	Carbon Block	Carbon Block	Granular Activated Carbon Filter	pH Booster and Remineralizer	Hollow Fiber Mechanical Filtration	Carbon Block
<b>Micron</b>	5	5	50	—	—	0.1	1
<b>Capacity*</b>	2000 gallons	2000 gallons	2000 gallons	2000 gallons	To be changed every 6 months	To be changed every 12 months	750 Gallons
<b>Minimum Flow Rate @ 60psi</b>	0.5 gal/min	0.5 gal/min	0.5 gal/min	0.5 gal/min	0.5 gal/min	0.5 gal/min	0.5 gal/min
<b>Single Stage System Model #**</b>	SEDQC1/4	CBQC1/4	CB50QC1/4	GACQC1/4	PHQC1/4	UFQC1/4	CB1QC1/4

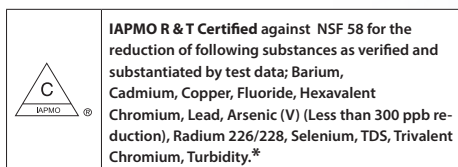
\* May vary depending on water quality

\*\* Single Stage Standalone System Port Connection Size - 1/4" Quick Connect

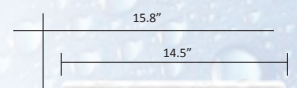
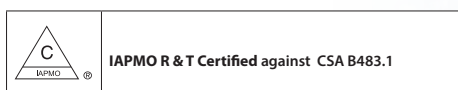
#### Standard System Specifications

Model	QCRO4V-50***	QCRO4V-75	QCUF
Number of Stages	4	4	4
Stage 1 (Pre-Filter)	Sediment Filter	Sediment Filter	Sediment Filter
Stage 2 (Pre-Filter)	Activated Carbon Filter	Activated Carbon Filter	Sediment Filter
Stage 3 (Membrane)	Thin Film Composite Membrane	Thin Film Composite Membrane	Thin Film Composite Membrane
Stage 4 (Post-Filter)	Activated Carbon Filter	Activated Carbon Filter	Activated Carbon Filter
Output (GPD)†	50	75	720

Feed Water Guidelines	
Maximum TDS	2000 ppm
Hardness	<7gpg
Iron (Fe)	<0.2ppm
Manganese (Mn)	<0.05ppm
Hydrogen Sulfide	0.0ppm
Turbidity	<1.0NTU
Feed Water Pressure	40-100psi
Booster Pump Models	15 – 60 psi
Temperature	40-100°F
pH Range	3.0-11.0
<b>Note:</b> Pretreatment suggested if conditions exceed parameters. Must be installed on potable water.	



\*Only QCRO4V-50 system has IAPMO certification



# Drinking Water

## Aqua Flo Platinum QCRO & QCUF

### Drinking Water Systems

PART #	DESCRIPTION	WEIGHT (LBS)
<b>AQUA FLO PLATINUM QCRO (Quick Change) Reverse Osmosis c/w 4.0 Gal Metal Storage Tank</b>		
1340302-60	AQF PLAT QCRO4V-50, 50GPD, STD CHROME AG FAUCET	20
1340302-60-A	AQF PLAT QCRO4V-50, 50GPD, 50 MICRON CARBON, STD CHROME AG FAUCET	20
1340302-60-D	AQF PLAT QCRO4V-50, 50GPD, DELUXE CHROME AG VS888 FAUCET	20
1340303-60	AQF PLAT QCRO4V-75, 75GPD, STD CHROME AG FAUCET	20
1340303-60-A	AQF PLAT QCRO4V-75, 75GPD, 50 MICRON CARBON, STD CHROME AG FAUCET	20
1340303-60-D	AQF PLAT QCRO4V-75, 75GPD, DELUXE CHROME AG VS888 FAUCET	20
<b>QCUF (QUICK CHANGE) ULTRAFILTRATION</b>		
1340201-60	QCUF 4 STAGE, ULTRAFILTRATION, STD FAUCET	14
1340201-60-D	QCUF 4 STAGE, ULTRAFILTRATION, DELUXE CHROME AG VS888 FAUCET	14
1340201-60-A	QCUF 4 STAGE, ULTRAFILTRATION, STD FAUCET, 50 MICRON CARBON	14
1340201-60-A-D	QCUF 4 STAGE, ULTRAFILT,DELUXE CHROME AG VS888 FAUCET, 50μ CARBON	14
1340201-60-A-D-S	QCUF 4 STAGE, ULTRAFILT,DELUXE BRIGHT NICKEL AG VS888 FAUCET, 50μ CARBON	14
<b>QC SINGLE FILTRATION SYSTEMS (C/W MOUNTING BRACKET)</b>		
41407001-14	SEDQC1/4 SEDIMENT FILTER	1.5
41407002-14	CBQC1/4 CARBON BLOCK FILTER	1.5
41407006-14	CB50QC1/4 CARBON BLOCK FILTER - 50 MICRON	1.5
41407004-14	GACQC1/4 GAC CARBON FILTER	1.5
41407007-14	PHQC1/4 pH BOOSTER FILTER	1.5
41407005-14	UFQC1/4 ULTRA FILTRATION (HOLLOW FIBRE) MEMBRANE	1.5
41407009-14	CB1QC1/4 CARBON BLOCK FILTER - 1 MICRON	1.5
<b>QUICK CHANGE REPLACEMENT FILTERS</b>		
41407011	REPLACEMENT FILTER KIT FOR QCRO (1 SEDIMENT 41407001 / 2 CARBON BLOCK 41407002)	3
41407001	SEDIMENT FILTER	1
41407002	CARBON BLOCK FILTER	1
41407006	CARBON BLOCK FILTER -50 MICRON	1
41407004	GAC CARBON FILTER	1
41407007	pH BOOSTER FILTER	1
41407005	UF (HOLLOW FIBER) MEMBRANE	1
41407009	CARBON BLOCK - 1 MICRON	1
41407003	RO MEMBRANE 50 GPD	1
41407008	RO MEMBRANE 75 GPD	1



# Drinking Water

## Aqua Flo Platinum 1240 Series

**Aqua Flo Platinum 1240's** advanced reverse osmosis drinking water systems are a natural and economical solution for providing your family with high quality drinking water. With a space-saving ultra slim profile, the system tucks neatly under your kitchen sink providing bottled water quality right from your very own tap.

All systems are backed by a two year limited warranty. The Smartap® water quality monitor found on the Push Button designated models is backed by a five year limited warranty.

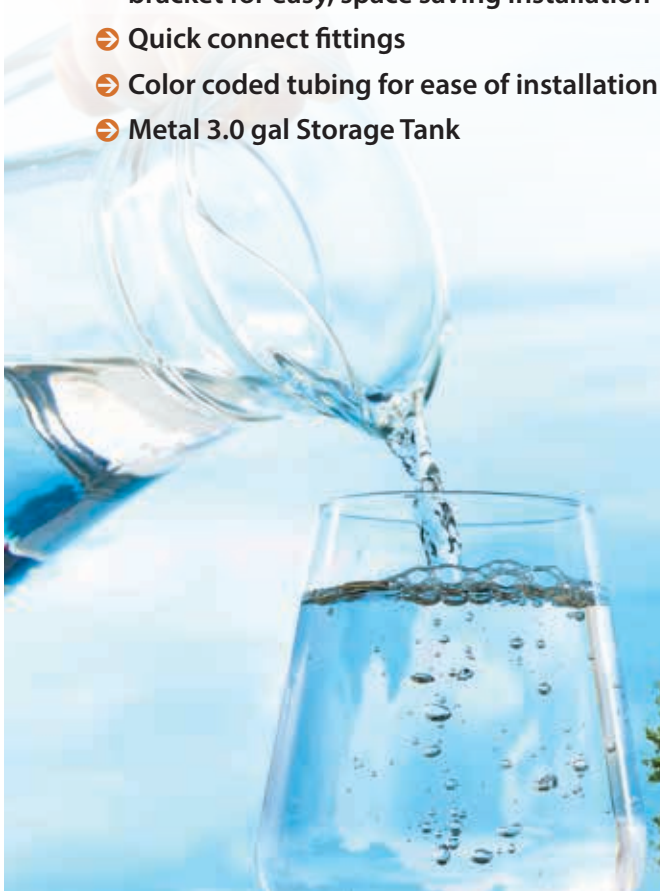
### All models feature:

- One-Piece manifold design eliminates potential leak points
- At a touch of the button, the Push Button Monitor option alerts you when it is time to change your filters.
- High quality reverse osmosis membrane
- Choice of 25, 50 and 75 gallons per day membranes
- Sediment pre-filtration
- Pre & Post Carbon block filtration
- 3/8" tubing from RO to tank and faucet for higher flow
- Chrome faucet
- Simple snap fit cover for ease of service
- New slim profile with integrated mounting bracket for easy, space saving installation
- Quick connect fittings
- Color coded tubing for ease of installation
- Metal 3.0 gal Storage Tank



Patented SmartTap® model provides a push button monitor alerting you when it is time to replace your RO membrane

***"A natural and economical solution for providing your family with high quality drinking water."***



# Drinking Water

## Aqua Flo Platinum 1240 Series



4VTFC-PB Push Button



4VTFC



3VTFC



NOTE: All units ship with Metal storage tank.

### Booster Pump (R/O feed water line booster pump)

Raises the water pressure and maintains it at the ideal level for the system to operate at maximum efficiency. Recommended for use on supplies with low pressure or high concentrations of total dissolved solids (TDS). The pump is self-priming and whisper-quiet. It runs on a 24VAC transformer (included) from a standard 120VAC electrical outlet.

System includes: Flexible mounting plate, quick connect fittings and a pressure shut-off switch.

**Item #: 70030001**  
**Model: RO Booster with Pressure Switch and Transformer for 25 to 75 Gallon per day Systems**



Model Description	Vessels	Sediment Filter	Pre-Filter	Membrane	Post-Filter	Rating GPD	Monitor	Dimensions H x W x D (in)
3VTFC25G	3	None	Dual-Purpose	TFC	Activated Carbon	25	None	11 x 15 x 3.75
3VTFC50G	3	None	Dual-Purpose	TFC	Activated Carbon	50	None	11 x 15 x 3.75
4VTFC25G	4	String Wound Polypropylene	Activated Carbon	TFC	Activated Carbon	25	None	14 x 15 x 3.75
4VTFC50G	4	String Wound Polypropylene	Activated Carbon	TFC	Activated Carbon	50	None	14 x 15 x 3.75
4VTFC75G	4	String Wound Polypropylene	Activated Carbon	TFC	Activated Carbon	75	None	14 x 15 x 3.75
4VTFC25G-PB	4	String Wound Polypropylene	Activated Carbon	TFC	Activated Carbon	25	Push Button	14 x 15 x 3.75
4VTFC50G-PB	4	String Wound Polypropylene	Activated Carbon	TFC	Activated Carbon	50	Push Button	14 x 15 x 3.75
4VTFC75G-PB	4	String Wound Polypropylene	Activated Carbon	TFC	Activated Carbon	75	Push Button	14 x 15 x 3.75

Feed Water Guidelines	
Maximum TDS	2000 ppm
Hardness	<7gpg
Iron (Fe)	<0.2ppm
Manganese (Mn)	<0.05ppm
Hydrogen Sulfide	0.0ppm
Turbidity	<1.0NTU
Feed Water Pressure	40-100psi
Booster Pump Models	15 – 60 psi
Temperature	40-100°F
pH Range	3.0-11.0
Note: Pretreatment suggested if conditions exceed parameters. Must be installed on potable water.	

PART #	DESCRIPTION
<b>AQUA FLO PLATINUM 1240 SERIES REVERSE OSMOSIS c/w 4.0 Gal Metal Storage Tank</b>	
1240101-00	AQF PLAT 1240 3VTFC25G c/w Non-Air Gap Faucet, Metal Tank
1240102-00	AQF PLAT 1240 3VTFC50G c/w Non-Air Gap Faucet, Metal Tank
1240201-00	AQF PLAT 1240 4VTFC25G c/w Air-Gap Faucet, Metal Tank
1240202-00	AQF PLAT 1240 4VTFC50G c/w Air-Gap Faucet, Metal Tank
1240203-00	AQF PLAT 1240 4VTFC75G c/w Air-Gap Faucet, Metal Tank
1240301-00	AQF PLAT 1240 4VTFC25G c/w Air-Gap Faucet, Metal Tank & Push Button Monitor
1240302-00	AQF PLAT 1240 4VTFC50G c/w Air-Gap Faucet, Metal Tank & Push Button Monitor
1240303-00	AQF PLAT 1240 4VTFC75G c/w Air-Gap Faucet, Metal Tank & Push Button Monitor
<b>1240 SERIES REPLACEMENT CARTRIDGES</b>	
41407013	REPLACEMENT FILTER KIT FOR 1240 RO (1 SEDIMENT 41400008 / 2 CARBON BLOCK 41400009 / Wrench 21401240)
41400076	SEDIMENT/CARBON 'DUAL PURPOSE' FILTER FOR 3 VESSEL MODELS ONLY, BLUE CAP
41400008	STRING WOUND SEDIMENT FILTER FOR 4 VESSEL MODELS ONLY, BLACK CAP
41400009	PRE-CARBON FOR 4 VESSEL & POST CARBON FOR 3 & 4 VESSEL MODELS, BLUE CAP
555718-08	CARBON, AES, 50 MICRON, GREEN CAPS
41400010	LEAD REMOVAL 1 MICRON CARBON BLOCK (BLACK CAPS)
41400011	5S COCONUT CARBON BLOCK (WHITE CAPS)
<b>1240 SERIES REPLACEMENT MEMBRANES</b>	
33001068	25 GPD TFC MEMBRANE, YELLOW CASE, BLACK TAPE, FOR 1230/1240 SERIES
33001033	50 GPD TFC MEMBRANE, YELLOW CASE, WHITE TAPE, FOR 1230/1240 SERIES
33001056	75 GPD TFC MEMBRANE, YELLOW CASE, BLUE TAPE, FOR 1230/1240 SERIES
41400001	9 GPD CTA MEMBRANE (BLUE/YELLOW BAND)
41400002	15 GPD CTA MEMBRANE (BLUE/YELLOW BAND)
33001071	9 GPD TFC MEMBRANE (YELLOW/RED BAND) , FOR RO MODELS - 1230, 1240
41400004	15 GPD TFC MEMBRANE (YELLOW/YELLOW BAND) , FOR RO MODELS - 1230, 1240



# Drinking Water

## Aqua Flo Reverse Osmosis System



### Fast, Simple & Sanitary Maintenance!

Quick connect disposable cartridges and membrane make for easy 'Do-It-Yourself' maintenance. 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 reduce contamination risk!

### Features:

- Four stage filtration: 5 micron sediment pre-filter, 10 micron coconut carbon pre & post filters, quick connect 75 GPD NSF Certified TFC membrane
- Bayonet-style 1/4 turn quick connect disposable cartridges with auto water shut-off
- Includes non air-gap faucet and 3.0 gallon NSF Certified storage tank. (Air Gap & Designer Faucets Available)
- 3/8" tubing for high product flow rate from tank to faucet
- Quick connect fittings, inlet saddle and drain saddle, labelled tubing for easy installation
- Booster pump model with inlet solenoid raises water pressure to ideal level for maximum efficiency. Recommended on rural supplies with low pressure or high TDS
- Optional 10 micron carbon block and granular activated carbon filters available.
- Two year warranty (excluding consumable filter cartridges and RO membrane)
- Dimensions:  
13"w x 14 1/2"h x 4 1/2" d No Pump  
14 1/4"w x 16 1/2"h x 6 1/4" d Pump Model

Model Description	Stages	Sediment Filter	Pre-Filter	Membrane	Post-Filter	Rating GPD	Dimensions H x W x D (in)
Aqua Flo 475 PRO	4	5 Micron	10 Micron Coconut Carbon	TFC	10 Micron Coconut Carbon	75	14.5 x 13 x 4.5
Aqua Flo 475 PRO BP	4	5 Micron	10 Micron Coconut Carbon	TFC	10 Micron Coconut Carbon	75	16.5 x 14.5 x 6.25

Feed Water Guidelines	
Maximum TDS	2000 ppm
Hardness	<7gpg
Iron (Fe)	<0.2ppm
Manganese (Mn)	<0.05ppm
Hydrogen Sulfide	0.0ppm
Turbidity	<1.0NTU
Feed Water Pressure	40-100psi
Booster Pump Models	15 – 60 psi
Temperature	40-100°F
pH Range	3.0-11.0
<b>Note:</b> Pretreatment suggested if conditions exceed parameters. Must be installed on potable water.	

### IN CANADA

PART #	DESCRIPTION
AQUA FLO 475 PRO SERIES REVERSE OSMOSIS	
20010023	AQF 475 PRO SERIES RO c/w NON-AIR GAP FAUCET
20010024	AQF 475 PRO SERIES RO w/ BOOSTER PUMP c/w NON-AIR GAP FAUCET
20010025	AQF 475 PRO SERIES RO c/w AIR GAP FAUCET
20010026	AQF 475 PRO SERIES RO w/ BOOSTER PUMP c/w AIR GAP FAUCET

### IN U.S.A.

PART #	DESCRIPTION
AQUA FLO 475 PRO SERIES REVERSE OSMOSIS	
20010024	AQF PREMIUM 475 PRO RO, 75 GPD, NSF 3.2 Storage Tank
20010025	AQF PREMIUM 475 PRO RO w/Booster Pump,75GPD, NSF 3.2 Storage Tank
20010023	AQF 475 PRO RO, 75 GPD, NSF 3.2 Storage Tank
20010022	AQF 475 PRO RO w/Booster Pump,75GPD, NSF 3.2 Storage Tank

NOTE: PREMIUM includes VS905 Satin Nickel Designer Faucet & Shut-off Kit, JG Undersink angle stop, lead free 3/8". NON-PREMIUM includes a standard chrome faucet and saddle valve



**Booster Pump Model**

# Drinking Water

## Aqua Flo Under Sink Filtration Systems

### 475QC Filters

The 475 Quick Change Filter Series offers 3, 2 & Single Stage options to provide solutions for a variety of water problems including sediment, rust, bad taste & odor.

#### Features & Benefits:

- ➔ Low cost alternative to RO
- ➔ No reject water (100% water used)
- ➔ Leaves nutrients in water
- ➔ Ultra Filtration on system removes lead, VOC (pesticides, herbicides, chemicals), THM, chlorine, taste and odor and sediment down to 0.2 microns.
- ➔ Installation is quick and easy
- ➔ Quick change bayonet-style disposable cartridges are more sterile and can be changed in seconds
- ➔ Includes standard chrome faucet, inlet saddle valve, and 5ft 1/4" tubing
- ➔ No storage tank required
- ➔ Dimensions:
  - 3 stage - 11.8" w x 14.3" h x 4.5" d
  - 2 stage - 6.3" w x 13.4" h x 3.9" d
  - 1 stage - 2.8" w x 12.4" h x 3.2" d



**Change filters in seconds  
without turning off water!  
No tools required!**

475 QC Series Filter Systems

PART #	DESCRIPTION	Filter 1	Filter 2	Filter 3
20010201	475QC-3 TRIPLE STAGE ULTRA FILTER	SED	UF	COC
20010202	475QC-2 DOUBLE STAGE DUAL FILTER	SED	COC	
20010203	475QC-1C SINGLE STAGE COCONUT CARBON FILTER	COC		
20010204	475QC-1S SINGLE STAGE SEDIMENT FILTER	SED		
20010205	475QC-1G SINGLE STAGE GAC FILTER	GAC		

475 QC Series Replacement Filters

PART #	DESCRIPTION	MICRON	FLOW RATE	CAPACITY (GALLONS)
65010086	SEDIMENT FILTER SED-10 BLUE (475 Q SERIES)	5	1 GPM	900
65010088	CARBON FILTER COC-10 PURPLE (475 Q SERIES)	10	1 GPM	1,500
65010089	CARBON FILTER GAC-10 YELLOW (475 Q SERIES)	-	0.7 GPM	1,500
65010093	ULTRA FILTER UF-10 BLACK (475 Q SERIES)	0.2	0.7 GPM	1,500
70010014	Reverse Osmosis Membrane 75GPD Thin-Film Composite (TFC)	-	-	-



# Drinking Water

## Aqua Flo Economy Reverse Osmosis System

With the quality of our drinking water increasingly coming under question, people are now looking for alternative sources of quality water. Reverse Osmosis Drinking Water Systems provide the most convenient and economical solution.

Neatly stored under the counter, the Reverse Osmosis Drinking Water System provides you with clean and delicious water right from its own dedicated tap.

### Features:

- ➔ The sediment filter screens out particulate material, such as dirt, sand, or rust, which may clog the other filters in the system.
- ➔ The activated carbon prefilter reduces chlorine which may damage the RO membrane filter.
- ➔ NSF Certified TFC 75 GPD reverse osmosis membrane provides up to 99% Total Dissolved Solids (TDS) rejection
- ➔ The polishing filter adsorbs any residual tastes and odors just before the water is delivered through the faucet.
- ➔ 3.2 Gallon NSF Certified plastic storage tank
- ➔ 3/8" outlet tubing for higher flows
- ➔ Automatic shut-off valve
- ➔ Exclusive serviceable check valve eliminates spring 'chatter' noise common in other RO's
- ➔ Quick connect fittings for ease of installation
- ➔ Plastic bracket
- ➔ Two separate wrenches for use on membrane cap and sump

### Booster Pump Model also includes:

- ➔ Pump mounted on RO to maintain constant water pressure to membrane
- ➔ Raises water pressure to ideal level for maximum efficiency
- ➔ Use on rural supplies with low pressure or high TDS
- ➔ Exclusive Auto Flush feature extends membrane life
- ➔ Self-priming and whisper quiet
- ➔ 24VAC transformer (included) from a standard 120VAC electrical outlet
- ➔ Flexible mounting plate, quick connect fittings and pressure shut-off switch



**Booster Pump  
Model: RO75BP**



NSF/ANSI Standard 58 Certified  
Reverse Osmosis Drinking Water  
Treatment Systems

Model #	Part #	Stage 1	Stage 2 and 3	Stage 4	Stage 5	Storage Tank	Faucet
RO75	20010073	Sediment Filter	Activated Carbon Block Filter	Reverse Osmosis Membrane	Activated Carbon Polishing Filter	Plastic Tank - 3.2 Gallons	Standard Non-AirGap
RO75BP	20010074					Plastic Tank - 3.2 Gallons	

PART #	DESCRIPTION
<b>AQUA FLO ECONOMY SERIES REVERSE OSMOSIS SYSTEM</b>	
20010073	5 STAGE RO-75, 75 GPD, NSF 3.2 PLASTIC STORAGE TANK
20010074	5 STAGE RO-75 W/BOOSTER PUMP, 75 GPD, NSF 3.2 PLASTIC STORAGE TANK
<b>ECONOMY SERIES REPLACEMENT CARTRIDGES</b>	
60010689	ECONOMY 5 STAGE RO REPLACEMENT KIT (Includes: 26196 (2), 26222, 92020, 60010691)
26196	CB-10-10 CARBON BLOCK, 2.5" X 10", Micron: 10
26222	SPB-5-10 SEDIMENT PRE FILTER, PP, SPUN POLY BONDED, 2.5" X 10", Micron: 5
92020	CARTRIDGE, IN-LINE GAC CARBON, 2" x 10", 1/4" QC, Micron: 5
60010691	WRENCH, RO 75, 5 STAGE
92022	AQFP-1812-75-NPI, 75 GPD TFC MEMBRANE NSF CERTIFIED

Feed Water Guidelines	
Pressure	40 - 100 psi
Temperature	40 - 77 °F
Total Dissolved Solids (TDS) <sup>1</sup>	0 - 2500 ppm (0 - 2500 mg/L)
pH	5 - 10
Chlorine <sup>2</sup>	0 - 3 ppm (0 - 3 mg/L)
Chloramine	0 - 3 ppm (0 - 3 mg/L)
Turbidity	0 - 10 NTU
Hardness <sup>3</sup>	0 - 10 gpg
Iron	0 - 1 ppm (0 - 1 mg/L)
Bacterial Quality	Potable

# Drinking Water

## Aqua Flo 75GPD H.E.R.O.™ High Efficiency RO System

With the quality of our drinking water increasingly coming under question, people are now looking for alternative sources of quality water. Reverse Osmosis Drinking Water Systems provide the most convenient and economical solution.

**The HIGH EFFICIENCY REVERSE OSMOSIS (H.E.R.O.™) SYSTEM** Virtually wastes no water with over 99.9% recovery.

Comparable systems typically waste 4-12 gallons for every gallon of RO water produced.



### 25020189 Kit, Tank, Recirculation, H.E.R.O.™

Applied when the H.E.R.O.™ is installed under a kitchen sink or in a slab home without a basement. This tank provides blending of the HERO recirculated water and helps keep the system operating at its peak performance.

Feed Water Guidelines	
Pressure	30 - 70 psi
Temperature	40 - 77 °F
Total Dissolved Solids (TDS) <sup>1</sup>	0 - 2500 ppm (0 - 2500 mg/L)
pH	5 - 10
Chlorine <sup>2</sup>	0 - 3 ppm (0 - 3 mg/L)
Chloramine	0 - 3 ppm (0 - 3 mg/L)
Turbidity	0 - 10 NTU
Hardness <sup>3</sup>	0 - 10 gpg
Iron	<0.2 ppm (<0.2 mg/l)
Bacterial Quality	Potable



This Membrane is Tested and Certified by NSF International against NSF/ANSI Standard 58 for material requirements only.

COMPONENT



### Features:

- Heavy duty glass filled polypropylene construction provides double the strength, toughness & durability compared to most other RO's which are typically constructed with ABS.
- TFC 75 GPD reverse osmosis membrane provides up to 99% Total Dissolved Solids (TDS) rejection
- Pre-filters 10" five (5) micron Spun Polypropylene Sediment Cartridge and 10" Activated Carbon Cartridge
- Post filter: 10" Activated Carbon Cartridge
- Choose from air gap or non-air gap chrome plated faucets
- 3.0 Gallon NSF Certified plastic storage tank
- 3/8" outlet tubing for higher flows
- Automatic shut-off valve
- Exclusive serviceable check valve eliminates spring 'chatter' noise common in other RO's
- Quick connect fittings for ease of installation
- Powder coated bracket
- Dual purpose wrench for use on membrane cap and filter housing
- Dimensions: 15.0"w x 17.7"h x 6.9"d Pump Model

Part #	Model	Stage 1	Stage 2	Stage 3	Stage 4	Storage Tank	Faucet
20010075	HERO	Sediment Filter	Activated Carbon Block Filter	Reverse Osmosis Membrane	Activated Carbon Polishing Filter	Plastic Tank - 3.8 Gallons	Chrome - Standard



# Drinking Water

## Aqua Flo RO Filter Cartridge Replacement Kits

The **NEW Aqua Flo Filter Cartridge Replacement Kits** provide you with one convenient package for regularly required Aqua Flo Reverse Osmosis System filter changes. The Economy 4 and 5 Stage use 10" filters compatible with most competitive systems.



**AQUA FLO®**  
PLATINUM

### 41407011 QCRO Reverse Osmosis Filter Cartridge Replacement Kit

#### Kit contents:

- Two (2) Aqua Flo Platinum QCRO Carbon Block Replacement Filters (Item #41407002, QC Disposable)
- One (1) Aqua Flo Platinum QCRO Sediment Replacement Filter (Item #41407001, QC Disposable)



**AQUA FLO®**  
PLATINUM

### 41407013 1240 Reverse Osmosis Filter Cartridge Replacement Kit

#### Kit contents:

- Two (2) Aqua Flo Platinum 1240 Carbon Block Replacement Filters (Item #41400009, Blue Cap)
- One (1) Aqua Flo Platinum 1240 String Wound Sediment Replacement Filter (Item #41400008, Black Cap)
- One (1) Aqua Flo 1240 Sump Wrench (Item #21401240)



**AQUA FLO®**

### 41407012 475 Reverse Osmosis Filter Cartridge Replacement Kit

#### Kit contents:

- Two (2) Aqua Flo 475 Carbon (Q Series COC-Purple) Replacement Filters (Item #65010088, QC Disposable)
- One (1) Aqua Flo 475 Sediment (Q Series Blue) Replacement Filter (Item #65010086, QC Disposable)



**AQUA FLO®**

### 60010688 4 Stage Reverse Osmosis Filter Cartridge Replacement Kit

#### Kit contents:

- Two (2) Aqua Flo Carbon Block Replacement Filters (Item #26196, 2.5"x10", 10 Micron)
- One (1) Aqua Flo Spun Poly Bonded Sediment Replacement Filter (Item #26222, 2.5"x10", 5 Micron)
- One (1) Aqua Flo Sump Wrench (Item #60010691)



**AQUA FLO®**

### 60010717 H.E.R.O. Reverse Osmosis Filter Cartridge Replacement Kit

#### Kit contents:

- Two (2) Aqua Flo Carbon Block Replacement Filters (Item #26196, 2.5"x10", 10 Micron)
- One (1) Aqua Flo Spun Poly Bonded Sediment Replacement Filter (Item #26222, 2.5"x10", 5 Micron)
- One (1) Aqua Flo Sump Wrench (Item #65030042)



**AQUA FLO®**

### 60010689 5 Stage Reverse Osmosis Filter Cartridge Replacement Kit

#### Kit contents:

- Two (2) Aqua Flo Carbon Block Replacement Filters (Item #26196, 2.5"x10", 10 Micron)
- One (1) Aqua Flo Spun Poly Bonded Sediment Replacement Filter (Item #26222, 2.5"x10", 5 Micron)
- One (1) Aqua Flo In-Line GAC Replacement Filter (Item #92020, 2"x10", 1/4" QC)
- One (1) Aqua Flo Sump Wrench (Item #60010691)





# Drinking Water

## Aqua Flo Residential Reverse Osmosis Membranes



This Membrane is Tested and Certified by NSF International against NSF/ANSI Standard 58 for material requirements only.

COMPONENT

**AquaFlo residential reverse osmosis membranes provide reliable, consistent high quality performance at the lowest possible cost!**

### Features:

- **AquaFlo Platinum (NPI models)** made with high quality Polyamide Thin-Film Composite GE fabric (Made in the USA)
- **AquaFlo Value (NPD Models)** made with high quality Polyamide Thin-Film Composite house fabric
- Superior quality and cost savings
- 50, 75 & 100 GPD membranes
- Dry shipped for convenient handling and longer shelf life
- Individually inspected, qualified & vacuum tested
- Vacuum packaged, 25 membranes per case
- All membranes conform to NSF/ANSI Standard 58 for material requirements only
- Private label option (MOQ 500)

### Advanced Technology:

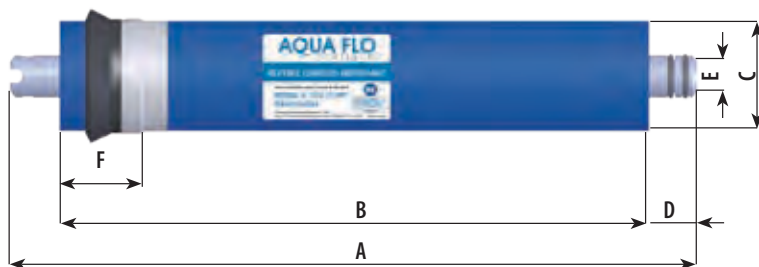
- Fully automated, state-of-the-art production facility with 1,000,000 annual production capability
- Tightly controlled, sanitary environment. Strict temperature and moisture levels are maintained to ensure optimal quality





# Drinking Water

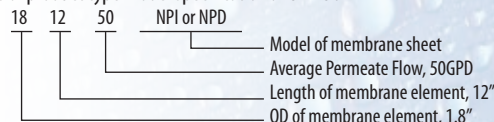
## Aqua Flo Residential Reverse Osmosis Membranes



This Membrane is Tested and Certified by NSF International against NSF/ANSI Standard 58 for material requirements only.

### Model Terminology

Example of product type model specification : 1812-50-NPI



DIMENSIONS	A	B	C	D	E	F
Type model	(in.)	(mm.)	(in.)	(mm.)	(in.)	(mm.)
1812-50-NPI	11.74	298	10.08	256	1.65	42
1812-75-NPI	11.74	298	10.08	256	1.77	45
1812-50-NPD	11.74	298	10.08	256	1.65	42
1812-75-NPD	11.74	298	10.08	256	1.77	45

### Product Specifications

Model	Applied Pressure		Permeate Flow Rate		Typical Stabilized Salt Rejection (%)
	(psig)	(bar)	GPD	(l/h)	
1812-50-NPI	60	4.14	50	7.9	96
1812-75-NPI	60	4.14	75	11.8	96
1812-50-NPD	60	4.14	50	7.9	96
1812-75-NPD	60	4.14	75	11.8	96

### Operating & Cleaning Limits

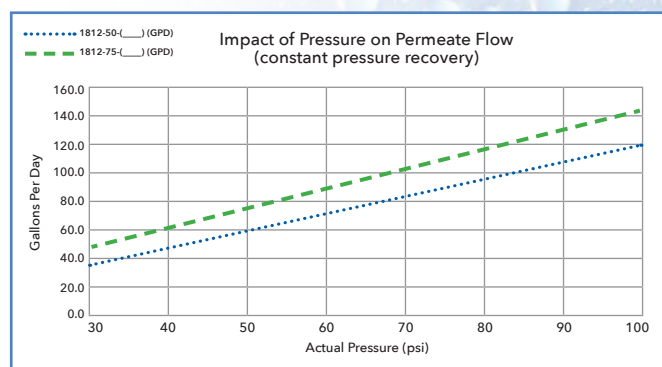
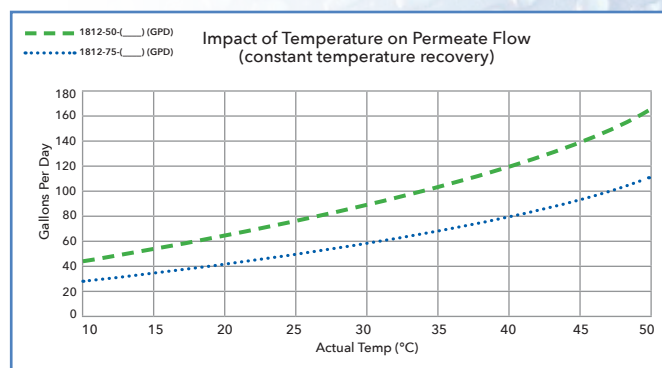
Maximum Operating Temperature <sup>1</sup>	113°F (45°C)
Maximum Operating Pressure	150 psig (10 bar)
Maximum Feed Flow Rate	2.0 gpm (7.6 lpm)
pH Range, Continuous Operation <sup>1</sup>	2 - 11
Maximum Feed Silt Density Index (SDI)	SDI 5
Free Chlorine Tolerance <sup>2</sup>	< 0.1 ppm

1. Maximum temperature for continuous operation above pH 10 is 95°F (35°C).
2. Under certain conditions, the presence of free chlorine and other oxidizing agents will cause premature membrane failure. Since oxidation damage is not covered under warranty, Canature WaterGroup Inc. recommends removing residual free chlorine by pre-treatment prior to membrane exposure.

### Additional Important Information:

- Inspect packaging is in good condition before usage. Store in cool, dry place out of direct sunlight. Avoid freezing.
- It is recommended that systems using these elements rinse the elements for 24 hours, prior to first use, to meet NSF/ANSI 58 Standard.
- The first full tank of permeate must be discarded. Do not use this initial permeate for drinking water or food preparation.
- To ease installation, it is recommended to use a lubricant safe for indirect water contact on all seals. Potential options include water and glycerin based lubricants.
- Rotate the element about a quarter turn to ease installation and removal of the element. Ensure good interface between the o-rings and brine seal with their connection surfaces.
- Keep elements moist at all times after initial wetting.
- To prevent biological growth during prolonged system shutdowns, it is recommended that membrane elements be immersed in a preservative solution. Rinse out the preservative before use.
- The membrane shows some resistance to short-term attack by chlorine (hypochlorite). Continuous exposure, however, may damage the membrane and should be avoided.
- If operating limits and guidelines given in this Product Information Bulletin are not strictly followed, the Limited 1 Year Warranty will be null and void. Use of any such chemicals or lubricants will void the Limited Warranty.

1. Permeate flow and salt rejection based on the following conditions: 250 ppm softened tap water, 77° F (25° C), 15% recovery and the specified applied pressure.
2. Minimum salt rejection is 96%
3. Permeate flows for individual elements may vary +/- 20%.



PART #	DESCRIPTION
<b>RESIDENTIAL RO MEMBRANES (NSF CERTIFIED)</b>	
<b>AQUAFLO PLATINUM (GE Membrane sheet Made in USA)</b>	
92035	AQFP-1812-50-NPI, 50 GPD TFC MEMBRANE NSF CERTIFIED
92022	AQFP-1812-75-NPI, 75 GPD TFC MEMBRANE NSF CERTIFIED
92092	AQFP-1812-100-NPI, 100 GPD TFC MEMBRANE NSF CERTIFIED
<b>AQUAFLO VALUE</b>	
92094	AQF-1812-50-NPD, 50 GPD TFC MEMBRANE NSF CERTIFIED
92095	AQF-1812-75-NPD, 75 GPD TFC MEMBRANE NSF CERTIFIED
92093	AQF-1812-100-NPD, 100 GPD TFC MEMBRANE NSF CERTIFIED

# Drinking Water Designer RO 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.

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 (#PP3212U7W) can be purchased separately.



VS905

VS888

## NON AIR GAP FAUCETS

PART #	DESCRIPTION
87588	Faucet, VS888, Antique Brass
87581	Faucet, VS888, Brushed Nickel
87580	Faucet, VS888, Polished Chrome
87584	FAUCET, VS888, BLACK
87583	Faucet, VS905, Brushed Nickel
87587	Faucet, VS905, Oil Rubbed Bronze
87582	Faucet, VS905, Polished Chrome
87591	Faucet Colour Sample Display
92710	Stand, Display

## AIR GAP, NSF / ANSI 61 CERTIFIED

PART #	DESCRIPTION
92653	FAUCET, VS888, POLISHED CHROME, AIR GAP
87597	FAUCET, VS888, BRUSHED NICKEL, AIR GAP
87592	FAUCET, VS905, POLISHED CHROME, AIR GAP
87595	FAUCET, VS905, BLACK, AIR GAP
87596	FAUCET, VS905, ANTIQUE BRONZE, AIR GAP
87594	FAUCET, VS905, BRUSHED NICKEL, AIR GAP
87611	FAUCET, VS905, BRUSHED CHROME, AIR GAP



Color Sample  
Display #87591

Polished Chrome

Antique Brass

Bright Black

Brushed Nickel

Oil Rubbed Bronze



Air Gap

Non-Air Gap



# Drinking Water

## 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 GPD
- ➔ 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.



PART #	DESCRIPTION
92325	KF - BOOSTER PUMP - MD1050
92317-1	AQUATEC MODEL PAB8800 BOOSTER PUMP
92341	AQUATEC MODEL PD5800 DEMAND PUMP
70030035	RO-75 BOOSTER PUMP

# Drinking Water

## Reverse Osmosis Storage Tanks

Flexwave is a line of RO accumulators and storage tanks for residential and light commercial applications.

Flexwave tanks are made in the USA and built to comply with NSF/ANSI Std 61. All Flexwave tanks have a 5 year warranty.



**# 70031000 Quick Connect Ball Valve Assembly** reduces 1" tank connection to John Guest Quick Connect RO ball valve 3/8" tubing.

Larger sizes available. Please contact Customer Service for details.

Tank precharge 20 PSI

Maximum Pressure 125 PSI

Maximum working temperature, internal & external 120F

### Materials of Construction

Tank top and bottom domes injection molded copolymer polypropylene. Shell extruded Polypropylene. Outer shell composite construction with fiberglass coated with epoxy resin. Base is injection molded high-impact ABS. 100% butyl diaphragm connected to a copolymer polypropylene bottom water chamber which allows for complete evacuation of the water chamber.

### Dimensions & Capacities

Item #	Model	Total Tank Volume		Height		Diameter		Connection	Total Weight	
		Gallons	Litres	In	Cm	In	Cm		Lbs	Kilos
33335	FWRO15	15 Gal	56.8	25.6	65	16.5	42	1" NPT	19	8.6
33336	FWRO22	22 Gal	83.3	34.1	87	16.5	42	1" NPT	25	11.3

### Quick Sizing Chart

Item #	Model	Total Tank Volume		Total Drawdown			
				10/50		10/60	
		Gallons	Litres	Gallons	Litres	Gallons	Litres
33335	FWRO15	15 Gal	56.8	9.3	35.2	10	37.9
33336	FWRO22	22 Gal	83.3	13.6	51.5	14.7	55.6



# Drinking Water

## Aqua Flo Gen 4 Residential Systems: Genesis H2O: Ultraviolet Disinfection System

### A Security System For Your Water

UV technology provides additional security for your water supply. It is proven to control microbiological (bacteria & virus) issues in water including *E.coli*, *Cryptosporidium*, and *Giardia Lamblia* without the use of chemicals.

### Gen 4 Residential Systems

#### Features:

- Now available with integral lamp life monitor, with both audible and visual indication of lamp life
- Axial flow, 304 stainless steel, polished reactors
- Visual sight port for “lamp-on” verification
- Designed & manufactured to ASME pressure vessel standards
- Flow rates stated at 95% UVT at a dose of 30mJ/cm2
- User friendly bayonet style lamp connector (quick ¼ turn removal with no extra tools needed)
- True gland seal retaining nut with positive stop
- Reliable, industry proven low pressure (LP) coated UV lamps with ceramic bases for durability and a 9,000 hour life (1 year)
- Constant current electronic controller (one controller for all systems) in a splash-proof case with audible and visual lamp failure indicators
- New tactile selector button
- Warranty (refer to Owner’s Manual for complete details including conditions & exclusions):
  - Reactor Chamber – Ten (10) Year Limited
  - Reactor Chamber – Ten (10) Year Limited
  - Electronics – Three (3) Year Limited
  - UV Lamps – One (1) Year Limited
  - Quartz Sleeves – One (1) Year Limited

# AQUA FLO®

#### Guidelines for Use

Parameter	Level
Hardness	< 7 gpg (120 mg/L)
Iron (Fe)	< 0.3ppm (mg/L)
Manganese (Mn)	< 0.05ppm (mg/L)
Tannins	< 0.1ppm (mg/L)
Turbidity	< 1 NTU
Transmittance (UVT)	> 75%

## AQUA FLO GEN EQUIPMENT SPECIFICATIONS

### Multi-Use / Residential systems (standard output lamps)

MODEL	GEN4-2 40030055	GEN4-3 40030056	GEN4-6 40030057	GEN4-10 40030058	GEN4-15 40030059	GEN4-20 40030060
Flow Rate 16mJ/cm <sub>2</sub> @ 95% UVT	3.8 gpm	6.1 gpm	11 gpm	20 gpm	30 gpm	39 gpm
	15 lpm	23 lpm	41 lpm	77 lpm	110 lpm	150 lpm
	0.87 m <sub>3</sub> /hr	1.4 m <sub>3</sub> /hr	2.5 m <sub>3</sub> /hr	4.6 m <sub>3</sub> /hr	6.8 m <sub>3</sub> /hr	8.9 m <sub>3</sub> /hr
Flow Rate 30mJ/cm <sub>2</sub> @ 95% UVT	2.0 gpm	3.1 gpm	5.8 gpm	11 gpm	15 gpm	21 gpm
	7.7 lpm	11 lpm	23 lpm	41 lpm	57 lpm	79 lpm
	0.46 m <sub>3</sub> /hr	0.70 m <sub>3</sub> /hr	1.3 m <sub>3</sub> /hr	2.5 m <sub>3</sub> /hr	3.4 m <sub>3</sub> /hr	4.8 m <sub>3</sub> /hr
Flow Rate 40mJ/cm <sub>2</sub> @ 95% UVT	1.6 gpm	2.4 gpm	4.4 gpm	8.3 gpm	12 gpm	16 gpm
	6.1 lpm	9.1 lpm	17 lpm	31 lpm	45 lpm	59 lpm
	0.36 m <sub>3</sub> /hr	0.50 m <sub>3</sub> /hr	1.0 m <sub>3</sub> /hr	1.9 m <sub>3</sub> /hr	2.7 m <sub>3</sub> /hr	3.6 m <sub>3</sub> /hr
Port Size	½"FNPT	½"MNPT	¾"MNPT	¾"MNPT	1"MNPT	1"MNPT
Electrical	90-265V/50-60Hz. 1A Max.					
Lamp Power (Watts)	8	15	22	39	50	42
Power (Watts)	14	20	30	49	62	51
Replacement Lamp	40040113	40040013	40040014	40040015	40040017	40040016
Replacement Sleeve	40040039	40040040	40040043	40040045	40040047	40040046
Reactor Dimensions	6.4 x 26.2 cm (2.5 x 10.3")	6.4 x 36.4 cm (2.5 x 14.3")	6.4 x 54.2 cm (2.5 x 21.3")	6.4 x 89.5 cm (2.5 x 35.2")	6.4 x 101.6 cm (2.5 x 40.0")	8.9 x 91.7 cm (3.5 x 36.1")
Chamber Material	304 Stainless Steel, A249 Pressure Rated Tubing					
Controller Dimensions	17.2 x 9.2 x 10.2 cm (6.8 x 3.6 x 4")					
Operating Pressure	17.2 x 9.2 x 10.2 cm (6.8 x 3.6 x 4")					
Operating Water Temperature	2-40° C (36-104° F)					
Temperature Mgmt. Valve	NA	PN# 130131	PN# 130132		PN# 130133	
Lamp Change Reminder	YES					
Lamp Out Indicator	YES					
Shipping Weight	2.9 kg (6.3 lbs)	3.6 kg (7.9 lbs)	4.4 kg (9.6 lbs)	6.0 kg (13.2 lbs)	6.5 kg (14.4 lbs)	8.2 kg (18.0 lbs)

### REPLACEMENT PARTS

System	Lamps	Sleeves	Controller
Aqua Flo Gen 4-2	RL-290 #40040013	RQ-290 #40040039	RC-B4.01 #40040112
Aqua Flo Gen 4-3	RL-290 #40040013	RQ-290 #40040040	RC-B4.01 #40040112
Aqua Flo Gen 4-6	RL-470 #40040014	RQ-470 #40040043	RC-B4.01 #40040112
Aqua Flo Gen 4-10	RL-820 #40040015	RQ-820 #40040045	RC-B4.01 #40040112
Aqua Flo Gen 4-15	RL-999 #40040017	RQ-999 #40040047	RC-B4.01 #40040112
Aqua Flo Gen 4-20	RL-850 #40040016	RQ-850 #40040046	RC-B4.01 #40040112



# Drinking Water

## Aqua Flo Gen H4 Residential Systems: Genesis H2O: Ultraviolet Disinfection System

### A Security System For Your Water

UV technology provides additional security for your water supply. It is proven to control microbiological (bacteria & virus) issues in water including *E.coli*, *Cryptosporidium*, and *Giardia Lamblia* without the use of chemicals.

### Gen H4 Residential Systems

#### Features:

- Now available with integral lamp life monitor, with both audible and visual indication of lamp life
- Axial flow, 316 stainless steel, polished reactors
- Visual sight port for "lamp-on" verification
- Designed & manufactured to ASME pressure vessel standards
- Flow rates stated at 95% UVT at a dose of 30mJ/cm<sup>2</sup>
- User friendly bayonet style lamp connector (quick ¼ turn removal with no extra tools needed)
- True gland seal retaining nut with positive stop
- Reliable, industry proven low pressure (LP) coated UV lamps with ceramic bases for durability and a 9,000 hour life (1 year)
- Constant current electronic controller (one controller for all systems) in a splash-proof case with audible and visual lamp failure indicators
- New tactile selector button
- Warranty (refer to Owner's Manual for complete details including conditions & exclusions):
  - Reactor Chamber – Ten (10) Year Limited
  - Electronics – Three (3) Year Limited
  - UV Lamps – One (1) Year Limited
  - Quartz Sleeves – One (1) Year Limited



#### Guidelines for Use

Parameter	Level
Hardness	< 7 gpg (120 mg/L)
Iron (Fe)	< 0.3ppm (mg/L)
Manganese (Mn)	< 0.05ppm (mg/L)
Tannins	< 0.1ppm (mg/L)
Turbidity	< 1 NTU
Transmittance (UVT)	> 75%

# AQUA FLO®

## AQUAFLO GEN EQUIPMENT SPECIFICATIONS

### Residential Crossover systems (high output lamps)

MODEL	GENH4-5 40040076	GENH4-10 40040077	GENH4-15 40040078	GENH4-25 40040080	GENH4-40 40040081
Flow Rate 30mJ/cm <sub>2</sub> @ 95% UVT	4.0 gpm	10 gpm	14 gpm	25 gpm	40 gpm
	15 lpm	38 lpm	53 lpm	95 lpm	150 lpm
	1.1 m <sup>3</sup> /hr	2.3 m <sup>3</sup> /hr	3.2 m <sup>3</sup> /hr	5.7m <sup>3</sup> /hr	9.1m <sup>3</sup> /hr
Flow Rate 40mJ/cm <sub>2</sub> @ 95% UVT	3.0 gpm	7.0 gpm	11 gpm	19 gpm	31 gpm
	11 lpm	26 lpm	42 lpm	72 lpm	120 lpm
	0.68 m <sup>3</sup> /hr	1.6 m <sup>3</sup> /hr	2.5 m <sup>3</sup> /hr	4.3 m <sup>3</sup> /hr	7.0 m <sup>3</sup> /hr
Flow Rate Hot Water (-HW suffix) model 30mJ/cm <sub>2</sub> @ 75% UVT	2.8 gpm	7.0 gpm	9.8 gpm	16 gpm	28 gpm
	11 lpm	26 lpm	37 lpm	61 lpm	110 lpm
	0.6 m <sup>3</sup> /hr	1.6 m <sup>3</sup> /hr	2.2 m <sup>3</sup> /hr	3.6 m <sup>3</sup> /hr	6.4 m <sup>3</sup> /hr
Flow Rate Low UVT (-50 suffix) model 30mJ/ cm <sub>2</sub> @ 50% UVT	1.7 gpm	4.2 gpm	6.1 gpm	10 gpm	17 gpm
	6.4 lpm	16 lpm	23 lpm	38 lpm	64 lpm
	0.4 m <sup>3</sup> /hr	1.0 m <sup>3</sup> /hr	1.4 m <sup>3</sup> /hr	2.3 m <sup>3</sup> /hr	3.9 m <sup>3</sup> /hr
Flow Rate TOC (-TOC suffix) model 150mJ/ cm <sub>2</sub> @ 98% UVT	0.8 gpm	2.0 gpm	2.8 gpm	5.1 gpm	8.0 gpm
	3.0 lpm	7.6 lpm	11 lpm	19 lpm	30 lpm
	0.2 m <sup>3</sup> /hr	0.5 m <sup>3</sup> /hr	0.6 m <sup>3</sup> /hr	1.1 m <sup>3</sup> /hr	1.8 m <sup>3</sup> /hr
Port Size	¾”MNPT	¾”MNPT	1”MNPT	1”MNPT	1 ½”MNPT
Electrical	90-265V/50-60Hz. 1.5A Max.				
Lamp Power (Watts)	18	34	45	67	101
Power (Watts)	20	36	48	72	108
Replacement Lamp	40040018	40040019	40040020	40040021	40040022
Replacement Sleeve	40040039	40040041	40040042	40040044	40040047
Reactor Dimensions	8.9 x 29.8 cm (3.5 x 11.7”)	8.9 x 41.8 cm (3.5 x 16.5”)	8.9 x 50.8 cm (3.5 x 20.0”)	8.9 x 68.3 cm (3.5 x 26.9”)	8.9 x 103.4 cm (3.5 x 40.7”)
Chamber Material	316L Stainless Steel, A249 Pressure Rated Tubing				
Controller Dimensions	21.7 x 10.8 x 10.2 cm (8.6 x 4.2 x 4”)				
Operating Pressure	0.7-10.3 bar (10-150 psi)				
Operating Water Temperature	2-40° C (36-104° F)				
Temperature Mgmt. Valve	PN# 40040099		PN# 40040100		PN# 40040101
Lamp Change Reminder	YES				
Lamp Out Indicator	YES				
Shipping Weight	4.4 kg (9.7 lbs)	5.2 kg (11.5 lbs)	5.6 kg (12.9 lbs)	7.0 kg (15.5 lbs)	9.6 kg (21.1 lbs)

## Options



**UV Sensor Module** Allows the 254nm UV wavelength to be measured and displayed via the GEN-H4 controller.

## REPLACEMENT PARTS

System	Lamps	Sleeves	Controller
Aqua Flo Gen H4-5	RL-290 #40040018	RQ-290 #40040039	RC-B4.01 #40040112
Aqua Flo Gen H4-10	RL-290 #40040019	RQ-290 #40040041	RC-B4.01 #40040112
Aqua Flo Gen H4-15	RL-470 #40040020	RQ-470 #40040042	RC-B4.01 #40040112
Aqua Flo Gen H4-25	RL-820 #40040021	RQ-820 #40040044	RC-B4.01 #40040112
Aqua Flo Gen H4-40	RL-999 #40040022	RQ-999 #40040047	RC-B4.01 #40040112



# Drinking Water

## Aqua Flo Gen 5 Residential Systems: Genesis H2O: Ultraviolet Disinfection System

### A Security System For Your Water

UV technology provides additional security for your water supply. It is proven to control microbiological (bacteria & virus) issues in water including E.coli, Cryptosporidium, and Giardia Lamblia without the use of chemicals.

### Gen 5 Residential Systems

#### Features:

- Five models available (Gen5-3, 6 , 10, 15 & 20)
- Colour user interface with full diagnostics and warnings including QR codes
- “Future-proof” expandability port for future upgrades and options
- Designed & manufactured to ASME pressure vessel standards
- Axial flow, 316L stainless steel reactor, polished reactors with integral sensor port to allow for sensor upgradeability in the future (comes standard with visual glow plug)
- Flow rates stated at 95% UVT at a dose of 30mJ/cm2
- User friendly bayonet style lamp connector (Quick ¼ turn removal. No extra tools required.)
- Reliable, industry proven low pressure (LP) coated UV lamps with ceramic bases for durability and a 9000 hour life (1 year)
- Constant current electronic controller (one controller for all systems) in a splash-proof case
- Warranty (refer to Owner’s Manual for complete details including conditions & exclusions):
  - Reactor Chamber – Ten (10) Year Limited
  - Electronics – Three (3) Year Limited
  - UV Lamps – One (1) Year Limited
  - Quartz Sleeves – One (1) Year Limited



#### Guidelines for Use

Parameter	Level
Hardness	< 7 gpg (120 mg/L)
Iron (Fe)	< 0.3ppm (mg/L)
Manganese (Mn)	< 0.05ppm (mg/L)
Tannins	< 0.1ppm (mg/L)
Turbidity	< 1 NTU
Transmittance (UVT)	> 75%

# AQUA FLO®

## AQUA FLO GEN EQUIPMENT SPECIFICATIONS

### AQUA FLO GEN-5, Residential UV systems

MODEL	GEN5-3 40030001	GEN5-6 40030002	GEN5-10 40030003	GEN5-15 40030004	GEN5-20 40030005
Flow Rate (@ 16 mJ/cm² @ 95% UVT)	6 GPM 23 lpm 1.4 m³/hr.	11 GPM 41 lpm 2.5 m³/hr.	20 GPM <sup>1</sup> 77 lpm <sup>1</sup> 4.6 m³/hr. <sup>1</sup>	30 GPM <sup>2</sup> 113.6 lpm <sup>2</sup> 6.8 m³/hr. <sup>2</sup>	39.2 GPM <sup>2</sup> 150 lpm <sup>2</sup> 8.9 m³/hr. <sup>2</sup>
Flow Rate (@ 30 mJ/cm² @ 95% UVT)	3 GPM 11.4 lpm 0.7 m³/hr.	6 GPM 22.7 lpm 1.4 m³/hr.	11 GPM 41 lpm 2.5 m³/hr.	15 GPM 56.8 lpm 3.4 m³/hr.	21 GPM 79 lpm 4.8 m³/hr.
Flow Rate (@ 40 mJ/cm² @ 95% UVT)	2.4 GPM 9.1 lpm 0.5 m³/hr.	4.4 GPM 17 lpm 1.0 m³/hr.	8.3 GPM 31 lpm 1.9 m³/hr.	12 GPM 45.4 lpm 2.7 m³/hr.	16 GPM 59 lpm 3.6 m³/hr.
Port Size	½" MNPT	¾" MNPT	¾" MNPT	1" MNPT	1" MNPT
Electrical	90-265V/50-60Hz.				
Plug Type	North American, NEMA 5-15, 3-wire for all 110V				
Lamp Watts	15	22	39	50	42
Power (watts)	20	30	49	62	51
Replacement Lamp	RL-290	RL-470	RL-820	RL-999	RL-850
Replacement Sleeve	RQ-290	RQ-470	RQ-820	RQ-999	RQ-850
Reactor Dimensions	2.5 x 14.3" (6.4 x 36.4 cm)	2.5 x 21.3" (6.4 x 54.2 cm)	2.5 x 35.2" (6.4 x 89.5 cm)	2.5 x 40.0" (6.4 x 101.6 cm)	3.5 x 36.1" (8.9 x 91.7 cm)
Chamber Material	Polished 304 Stainless Steel, A249 Pressure Rated Tubing				
Controller Dimensions	6.8 x 3.6 x 3"    (171.5 x 92.1 x 76.2 mm)				
Operating Pressure	0.7-10.3 bar    (10-150 psi)				
Operating Water Temperature	2-40° C    (36-104° F)				
UV Monitor Port (upgradeability)	No	Yes			
Solenoid Output	Yes, but requires optional solenoid module				
4-20 mA Output	Yes, but requires optional 4-20 mA module				
Lamp Change Reminder (audible & visual)	Yes				
Lamp-Out Indicator (audible & visual)	Yes				
Shipping Weight	3.3 kg.    (7.3 lbs.) 3 kg.    (7 lbs.) cubed	4.2 kg.    (9.3 lbs.) 5 kg.    (9 lbs.) cubed	6.8 kg.    (15.0 lbs.) 7 kg.    (15 lbs.) cubed	8.0 kg.    (17.6 lbs.) 8 kg.    (17 lbs.) cubed	7.5 kg.    (16.5 lbs.) 10 kg.    (22 lbs.) cubed
<b>Note:</b> 1. based on flow velocity of 8.2 ft/sec (2.5 m/sec.), flow rate limited to <b>13.6 gpm</b> (50 lpm) (3.1 m³/hr.) for 3/4" port 2. based on flow velocity of 8.2 ft/sec (2.5 m/sec.), flow rate limited to <b>22.1 gpm</b> (84 lpm) (5.0 m³/hr.) for 1" port					

## Sample Screens



**NSF Certified Models Available. Contact Customer Service For Details.**

## Options



**UV Sensor Module** Allows the 254nm UV wavelength to be measured and displayed via the GEN-5 controller. The sensor plugs directly into the controller and is mounted in the sensor port located on all GEN-5 units.



**Solenoid Module** Used to power a remote normally closed solenoid valve (not included). Solenoid valve will close on lamp failure or when low UV conditions are detected by the sensor. Available in 110V MODSOL1 (Item # 40040006)

## REPLACEMENT PARTS

System	Lamps	Sleeves	Controller
Pura Gen 5-3	RL-290 #40040013	RQ-290 #40040040	RC-B56.01 #40040066
Pura Gen 5-6	RL-470 #40040014	RQ-470 #40040043	RC-B56.01 #40040066
Pura Gen 5-10	RL-820 #40040015	RQ-820 #40040045	RC-B56.01 #40040066
Pura Gen 5-15	RL-999 #40040017	RQ-999 #40040048	RC-B56.01 #40040066
Pura Gen 5-20	RL-850 #40040016	RQ-850 #40040046	RC-B56.01 #40040066



# Drinking Water

## Aqua Flo Gen H5 Residential Crossover High Flow Systems

### A Security System For Your Water

UV technology provides additional security for your water supply. It is proven to control microbiological (bacteria & virus) issues in water including *E.coli*, *Cryptosporidium*, and *Giardia Lamblia* without the use of chemicals.

### Gen H5 Residential Crossover High Flow Systems

#### Features:

- ➔ Five models available (Gen H5-5, 10, 15, 25 & 40)
- ➔ Colour user interface with full diagnostics and warnings including QR codes
- ➔ “Future-proof” expandability port for future upgrades and options
- ➔ Axial flow, 316L stainless steel reactor, polished reactors with integral sensor port to allow for sensor upgradeability in the future (comes standard with visual glow plug)
- ➔ Designed & manufactured to ASME pressure vessel standards
- ➔ Flow rates stated at 95% UVT at a dose of 30mJ/cm<sup>2</sup>
- ➔ User friendly bayonet style lamp connector (Quick ¼ turn removal. No extra tools required.)
- ➔ True gland seal retaining nut with positive stop
- ➔ Reliable, industry proven low pressure, high-output (LP-HO) coated UV lamps with ceramic bases for durability and a 10,000 hour life
- ➔ Universal input, constant current electronic controller (one controller for all systems) in a splash-proof case
- ➔ Warranty (refer to Owner’s Manual for complete details including conditions & exclusions):
  - Reactor Chamber – Ten (10) Year Limited
  - Electronics – Three (3) Year Limited
  - UV Lamps – One (1) Year Limited
  - Quartz Sleeves – One (1) Year Limited



#### Guidelines for Use

Parameter	Level
Hardness	< 7 gpg (120 mg/L)
Iron (Fe)	< 0.3ppm (mg/L)
Manganese (Mn)	< 0.05ppm (mg/L)
Tannins	< 0.1ppm (mg/L)
Turbidity	< 1 NTU
Transmittance (UVT)	> 75%

# AQUA FLO®

AQUA FLO®	AQUA FLO GEN EQUIPMENT SPECIFICATIONS				
	AQUA FLO GEN H-5, Residential Crossover UV systems, non-monitored				
MODEL	GENH5-5 40030010	GENH5-10 40030011	GENH5-15 40030012	GENH5-25 40030013	GENH5-40 40030014
Flow Rate (Industry Standard)	4 GPM 15.1 lpm 0.9 m³/hr.	10 GPM 37.9 lpm 2.3 m³/hr.	14 GPM 53 lpm 3.2 m³/hr.	25 GPM <sup>2</sup> 95 lpm 5.7 m³/hr.	40 GPM 151 lpm 9.1 m³/hr.
Alternate flow @ 16 mJ/cm² (US Public Health)	8 GPM 30.3 lpm 1.8 m³/hr.	19 GPM <sup>1</sup> 71.9 lpm 4.3 m³/hr.	27 GPM <sup>2</sup> 102.2 lpm 6.1 m³/hr.	47 GPM <sup>2</sup> 178 lpm 10.7 m³/hr.	78 GPM <sup>3</sup> 295 lpm 17.7 m³/hr.
Alternate flow @ 40 mJ/cm² (NSF/EPA)	3 GPM 11.4 lpm 0.7 m³/hr.	7 GPM 26.5 lpm 1.6 m³/hr.	11 GPM 41 lpm 2.5 m³/hr.	19 GPM 72 lpm 4.3 m³/hr.	31 GPM 117 lpm 7 m³/hr.
Port Size	½" MNPT	¾" MNPT	1" MNPT	1" MNPT	1½" MNPT
Electrical	90-265V/50-60Hz. (IEC power cords required)				
Power Plug	North American, NEMA 5-15, 3-wire for all 110V				
Lamp Watts	18	34	45	67	101
Power (watts)	20 (19 @ 230V.)	38 (36 @ 230V.)	57 (48 @ 230V.)	73 (72 @ 230V.)	115 (108 @ 230V.)
Replacement Lamp	RL-210HO	RL-330HO	RL-420HO	RL-600HO	RL-950HO
Replacement Sleeve	RQ-210	RQ-330	RQ-420	RQ-600	RQ-950
Reactor Dimensions	3.5 x 11.7" (8.9 x 29.8 cm)	3.5 x 16.5" (8.9 x 41.8 cm)	3.5 x 20.0" (8.9 x 50.8 cm)	3.5 x 26.9" (8.9 x 68.3 cm)	3.5 x 40.7" (8.9 x 103.4 cm)
Chamber Material	316L Stainless Steel, A249 Pressure Rated Tubing, Polished & Passivated				
Controller Dimension	8.6 x 4.2 x 3.5" (217.4 x 107.5 x 88.7 mm)				
Operating Pressure	0.7-10.3 bar (10-150 psi)				
Optimum Water Temperature	2-40° C (36-104° F)				
UV Monitor Port (upgradeability)	Yes, includes visual glow plug				
Solenoid Output	Yes, but requires optional solenoid module				
4-20 mA Output	Yes, but requires optional 4-20 mA module				
Lamp Change Reminder (audible & visual)	Yes				
Lamp-Out Indicator (audible & visual)	Yes				
Shipping Weight	4.5 kg. (9.9 lbs.) 4 kg. (8 lbs.) cubed	5.4 kg. (11.9 lbs.) 5 kg. (11 lbs.) cubed	6.0 kg. (13.2 lbs.) 6 kg. (13 lbs.) cubed	7.2 kg. (15.9 lbs.) 8 kg. (16 lbs.) cubed	9.7 kg. (21.4 lbs.) 11 kg. (24 lbs.) cubed
<b>Note:</b> 1. based on flow velocity of 8.2 ft/sec (2.5 m/sec.), flow rate limited to <b>13.6 gpm</b> (50 lpm) (3.1 m³/hr.) for ¾" port 2. based on flow velocity of 8.2 ft/sec (2.5 m/sec.), flow rate limited to <b>22.1 gpm</b> (84 lpm) (5.0 m³/hr.) for 1" port 3. based on flow velocity of 8.2 ft/sec (2.5 m/sec.), flow rate limited to <b>52 gpm</b> (197 lpm) (11.8 m³/hr.) for 1½" port					

## Sample Screens



**NSF Certified Models Available. Contact Customer Service For Details.**

## Options



**UV Sensor Module** Allows the 254nm UV wavelength to be measured and displayed via the GEN-H5 controller. The sensor plugs directly into the controller and is mounted in the sensor port located on all PURA Gen H5 units.



**Solenoid Module**  
Used to power a remote normally closed solenoid valve (not included). Solenoid valve will close on lamp failure or when low UV conditions are detected by the sensor. Available in 110V MODSOL1 (Item # 40040006)

## REPLACEMENT PARTS

System	Lamps	Sleeves	Controller
Pura Gen H5-5	RL-210HO #40040018	RQ-210 #40040039	RCHO-B56.12 #40040074
Pura Gen H5-10	RL-330HO #40040019	RQ-330 #40040041	RCHO-B56.12 #40040074
Pura Gen H5-15	RL-420HO #40040020	RQ-420 #40040042	RCHO-B56.12 #40040074
Pura Gen H5-25	RL-600HO #40040021	RQ-600 #40040044	RCHO-B56.12 #40040074
Pura Gen H5-40	RL-950HO #40040022	RQ-950 #40040047	RCHO-B56.12 #40040074



# Drinking Water

## Aqua Flo Gen 6 Residential Systems

### A Security System For Your Water

UV technology provides additional security for your water supply. It is proven to control microbiological (bacteria & virus) issues in water including *E.coli*, *Cryptosporidium*, and *Giardia Lamblia* without the use of chemicals.

### Gen 6 Residential Systems

#### Features:

- Four models available (Gen 6-6 , 10, 15 & 20)
- True 254nm Teflon® based UV sensor continuously measures UV output and visually displays output via controller
- Colour user interface with full diagnostics and warnings including QR codes
- “Future-proof” expandability port for future upgrades and options
- Axial flow, 304 stainless reactors
- Designed & manufactured to ASME pressure vessel standards
- Flow rates stated at 95% UVT at a dose of 30mJ/cm2
- User friendly bayonet style lamp connector (Quick ¼ turn removal. No extra tools required.)
- True gland seal retaining nut with positive stop
- Reliable, industry proven low pressure (LP) coated UV lamps with ceramic bases for durability and a 9000 hour life (1 year)
- Constant current electronic controller (one controller for all systems) in a splash-proof case
- Warranty (refer to Owner’s Manual for complete details including conditions & exclusions):
  - Reactor Chamber - Ten (10) Year Limited
  - Electronics – Three (3) Year Limited
  - UV Lamps – One (1) Year Limited
  - Quartz Sleeves – One (1) Year Limited
  - UV Sensors – One (1) Year Limited



#### Guidelines for Use

Parameter	Level
Hardness	< 7 gpg (120 mg/L)
Iron (Fe)	< 0.3ppm (mg/L)
Manganese (Mn)	< 0.05ppm (mg/L)
Tannins	< 0.1ppm (mg/L)
Turbidity	< 1 NTU
Transmittance (UVT)	> 75%

# AQUA FLO®

MODEL	GEN6-6 40030006	GEN6-10 40030007	GEN6-15 40030008	GEN6-20 40030009
UV Flow Rate (@ 16 mJ/cm <sup>2</sup> @ 95% UVT)	11 GPM 41 lpm 2.5 m <sup>3</sup> /hr.	20 GPM <sup>1</sup> 77 lpm <sup>1</sup> 4.6 m <sup>3</sup> /hr. <sup>1</sup>	30 GPM <sup>2</sup> 113.6 lpm <sup>2</sup> 6.8 m <sup>3</sup> /hr. <sup>2</sup>	39.2 GPM <sup>2</sup> 150 lpm <sup>2</sup> 8.9 m <sup>3</sup> /hr. <sup>2</sup>
UV Flow Rate (@ 30 mJ/cm <sup>2</sup> @ 95% UVT)	6 GPM 22.7 lpm 1.4 m <sup>3</sup> /hr.	11 GPM 41 lpm 2.5 m <sup>3</sup> /hr.	15 GPM 56.8 lpm 3.4 m <sup>3</sup> /hr.	21 GPM 79 lpm 4.8 m <sup>3</sup> /hr.
UV Flow Rate (@ 40 mJ/cm <sup>2</sup> @ 95% UVT)	4.4 GPM 17 lpm 1.0 m <sup>3</sup> /hr.	8.3 GPM 31 lpm 1.9 m <sup>3</sup> /hr.	12 GPM 45.4 lpm 2.7 m <sup>3</sup> /hr.	16 GPM 59 lpm 3.6 m <sup>3</sup> /hr.
Port Size	¾" MNPT	¾" MNPT	1" MNPT	1" MNPT
Electrical	90-265V/50-60Hz.			
Plug Type	North American, NEMA 5-15, 3-wire for all 110V			
Lamp Watts	22	39	50	42
Power (watts)	30	49	62	51
Replacement Lamp	RL-470	RL-820	RL-999	RL-850
Replacement Sleeve	RQ-470	RQ-820	RQ-999	RQ-850
Reactor Dimensions	2.5 x 21.3" (6.4 x 54.2 cm)	2.5 x 35.2" (6.4 x 89.5 cm)	2.5 x 40.0" (6.4 x 101.6 cm)	3.5 x 36.1" (8.9 x 91.7 cm)
Chamber Material	Polished 304 Stainless Steel, A249 Pressure Rated Tubing			
Controller Dimensions	6.8 x 3.6 x 3" (171.5 x 92.1 x 76.2 mm)			
Operating Pressure	0.7-10.3 bar (10-150 psi)			
Operating Water Temperature	2-40° C (36-104° F)			
UV Intensity Monitor	Yes			
Solenoid Output	Yes, but requires optional solenoid module			
4-20 mA Output	Yes, but requires optional 4-20 mA module			
Lamp Change Reminder (audible & visual)	Yes			
Lamp-Out Indicator (audible & visual)	Yes			
Shipping Weight	4.2 kg. (9.3 lbs.) 5 kg. (9 lbs.) cubed	6.8 kg. (15.0 lbs.) 7 kg. (15 lbs.) cubed	8.0 kg. (17.6 lbs.) 8 kg. (17 lbs.) cubed	7.5 kg. (16.5 lbs.) 10 kg. (22 lbs.) cubed
<b>Note:</b> 1. based on flow velocity of 8.2 ft/sec (2.5 m/sec.), flow rate limited to <b>13.6 gpm</b> (50 lpm) (3.1 m <sup>3</sup> /hr.) for ¾" port 2. based on flow velocity of 8.2 ft/sec (2.5 m/sec.), flow rate limited to <b>22.1 gpm</b> (84 lpm) (5.0 m <sup>3</sup> /hr.) for 1" port				

## Sample Screens



**NSF Certified Models Available. Contact Customer Service For Details.**

## Options



**UV Sensor Module** Allows the 254nm UV wavelength to be measured and displayed via the GEN-H6 controller. The sensor plugs directly into the controller and is mounted in the sensor port located on all PURA Gen 6 units.



**Solenoid Module** Used to power a remote normally closed solenoid valve (not included). Solenoid valve will close on lamp failure or when low UV conditions are detected by the sensor. Available in 110V MODSOL1 (Item # 40040006)

## REPLACEMENT PARTS

System	Lamps	Sleeves	Controller
Pura Gen 6-6	RL-470 #40040014	RQ-470 #40040043	RC-B56.01 #40040066
Pura Gen 6-10	RL-820 #40040015	RQ-820 #40040045	RC-B56.01 #40040066
Pura Gen 6-15	RL-999 #40040017	RQ-999 #40040048	RC-B56.01 #40040066
Pura Gen 6-20	RL-850 #40040016	RQ-850 #40040046	RC-B56.01 #40040066



# Drinking Water

## Aqua Flo Gen H6 Residential Crossover High Flow Systems

### A Security System For Your Water

UV technology provides additional security for your water supply. It is proven to control microbiological (bacteria & virus) issues in water including *E.coli*, *Cryptosporidium*, and *Giardia Lamblia* without the use of chemicals.

### Gen H6 Residential Crossover High Flow Systems

#### Features:

- ➔ Five models available (Gen H6-5, 10, 15, 25 & 40)
- ➔ True 254nm Teflon® based UV sensor continuously measures UV output via the controller
- ➔ Colour user interface with full diagnostics and warnings including QR codes
- ➔ “Future-proof” expandability port for future upgrades and options
- ➔ Axial flow, 316L stainless steel reactor
- ➔ Designed & manufactured to ASME pressure vessel standards
- ➔ Flow rates stated at 95% UVT at a dose of 30mJ/cm2
- ➔ User friendly bayonet style lamp connector (Quick ¼ turn removal. No extra tools required.)
- ➔ True gland seal retaining nut with positive stop
- ➔ Reliable, industry proven low pressure, high-output (LP-HO) coated UV lamps with ceramic bases for durability and a 10,000 hour life
- ➔ Universal input, constant current electronic controller (one controller for all systems) in a splash-proof case
- ➔ Warranty (refer to Owner’s Manual for complete details including conditions & exclusions):
  - Reactor Chamber – Ten (10) Year Limited
  - Electronics – Three (3) Year Limited
  - UV Lamps – One (1) Year Limited
  - Quartz Sleeves – One (1) Year Limited
  - UV Sensors – One (1) Year Limited



#### Guidelines for Use

Parameter	Level
Hardness	< 7 gpg (120 mg/L)
Iron (Fe)	< 0.3ppm (mg/L)
Manganese (Mn)	< 0.05ppm (mg/L)
Tannins	< 0.1ppm (mg/L)
Turbidity	< 1 NTU
Transmittance (UVT)	> 75%

# AQUA FLO®

AQUA FLO®	AQUA FLO GEN EQUIPMENT SPECIFICATIONS				
	AQUA FLO GEN H-6, Residential Crossover monitored UV systems				
MODEL	GENH6-5 40030015	GENH6-10 40030016	GENH6-15 40030017	GENH6-25 40030018	GENH6-40 40030019
Flow Rate (Industry Standard)	4 GPM 15.1 lpm 0.9 m³/hr.	10 GPM 37.9 lpm 2.3 m³/hr.	14 GPM 53 lpm 3.2 m³/hr.	25 GPM <sup>2</sup> 95 lpm 5.7 m³/hr.	40 GPM 151 lpm 9.1 m³/hr.
Alternate flow @ 16 mJ/cm² (US Public Health)	8 GPM 30.3 lpm 1.8 m³/hr.	19 GPM <sup>1</sup> 71.9 lpm 4.3 m³/hr.	27 GPM <sup>2</sup> 102.2 lpm 6.1 m³/hr.	47 GPM <sup>2</sup> 178 lpm 10.7 m³/hr.	78 GPM <sup>3</sup> 295 lpm 17.7 m³/hr.
Alternate flow @ 40 mJ/cm² (NSF/EPA)	3 GPM 11.4 lpm 0.7 m³/hr.	7 GPM 26.5 lpm 1.6 m³/hr.	11 GPM 41 lpm 2.5 m³/hr.	19 GPM 72 lpm 4.3 m³/hr.	31 GPM 117 lpm 7 m³/hr.
Port Size	½" MNPT	¾" MNPT	1" MNPT	1" MNPT	1½" MNPT
Electrical	90-265V/50-60Hz. (IEC power cords required)				
Power Plug	North American, NEMA 5-15, 3-wire for all 110V				
Lamp Watts	18	34	45	67	101
Power (watts)	20 (19 @ 230V.)	38 (36 @ 230V.)	57 (48 @ 230V.)	73 (72 @ 230V.)	115 (108 @ 230V.)
Replacement Lamp	RL-210HO	RL-330HO	RL-420HO	RL-600HO	RL-950HO
Replacement Sleeve	RQ-210	RQ-330	RQ-420	RQ-600	RQ-950
Reactor Dimensions	3.5 x 11.7" (8.9 x 29.8 cm)	3.5 x 16.5" (8.9 x 41.8 cm)	3.5 x 20.0" (8.9 x 50.8 cm)	3.5 x 26.9" (8.9 x 68.3 cm)	3.5 x 40.7" (8.9 x 103.4 cm)
Chamber Material	316L Stainless Steel, A249 Pressure Rated Tubing, Polished & Passivated				
Controller Dimension	8.6 x 4.2 x 3.5" (217.4 x 107.5 x 88.7 mm)				
Operating Pressure	0.7-10.3 bar (10-150 psi)				
Optimum Water Temperature	2-40° C (36-104° F)				
UV Intensity Monitor	Yes				
Solenoid Output	Yes, but requires optional solenoid module				
4-20 mA Output	Yes, but requires optional 4-20 mA module				
Lamp Change Reminder (audible & visual)	Yes				
Lamp-Out Indicator (audible & visual)	Yes				
Shipping Weight	4.5 kg. (9.9 lbs.) 4 kg. (8 lbs.) cubed	5.4 kg. (11.9 lbs.) 5 kg. (11 lbs.) cubed	6.0 kg. (13.2 lbs.) 6 kg. (13 lbs.) cubed	7.2 kg. (15.9 lbs.) 8 kg. (16 lbs.) cubed	9.7 kg. (21.4 lbs.) 11 kg. (24 lbs.) cubed
<b>Note:</b> 1. based on flow velocity of 8.2 ft/sec (2.5 m/sec.), flow rate limited to <b>13.6 gpm</b> (50 lpm) (3.1 m³/hr.) for ¾" port 2. based on flow velocity of 8.2 ft/sec (2.5 m/sec.), flow rate limited to <b>22.1 gpm</b> (84 lpm) (5.0 m³/hr.) for 1" port 3. based on flow velocity of 8.2 ft/sec (2.5 m/sec.), flow rate limited to <b>52 gpm</b> (197 lpm) (11.8 m³/hr.) for 1½" port					

## Sample Screens



**NSF Certified Models Available. Contact Customer Service For Details.**

## Options



**UV Sensor Module** Allows the 254nm UV wavelength to be measured and displayed via the GENH-6 controller. The sensor plugs directly into the controller and is mounted in the sensor port located on all GenH6 units.



**Solenoid Module** Used to power a remote normally closed solenoid valve (not included). Solenoid valve will close on lamp failure or when low UV conditions are detected by the sensor. Available in 110V MODSOL1 (Item # 40040006)

## REPLACEMENT PARTS

System	Lamps	Sleeves	Controller
Pura Gen H6-5	RL-210HO #40040018	RQ-210 #40040039	RCHO-B56.12 #40040074
	RL-330HO #40040019	RQ-330 #40040041	RCHO-B56.12 #40040074
Pura Gen H6-10	RL-420HO #40040020	RQ-420 #40040042	RCHO-B56.12 #40040074
	RL-600HO #40040021	RQ-600 #40040044	RCHO-B56.12 #40040074
Pura Gen H6-15	RL-950HO #40040022	RQ-950 #40040047	RCHO-B56.12 #40040074



# Drinking Water

## Aqua Flo Gen 4 UV/Filter Rack System

### A Combination Water System For Your Entire Home or Cottage

Combining ultraviolet disinfection (UV) with whole-house filtration provides your home or cottage with clean, great-tasting water that you can rely on. UV is proven to control microbiological (bacteria & virus) issues in water including *E.coli*, *Cryptosporidium*, and *Giardia Lamblia* without the use of chemicals. Combining UV disinfection with whole-house sediment and/or carbon pre-treatment filters improves UV performance and the taste, smell and clarity of your water.

#### Features:

- Four models provide a range of flow rate and filter combination options suitable for your specific needs
- NEW filter design, includes new one-piece, 2-sump design for leak free operation, (pressure relief, wrench, and new integral hanging clip included with all systems)
- NEW LED lamp countdown (4.1 variants)
- NEW controller with Lightlock™ technology for protected lamp sales (5.1 variants)
- Universal mounting configuration (left or right access)
- NSF component listed filtration cartridges (included with systems)
- “Future-proof” expandability port for future upgrades and options
- Axial flow, 316L stainless steel polished reactors, fully polished, designed & manufactured to ASME pressure vessel standards
- Reliable, industry proven, coated UV lamps, (9,000 hour life on LB4/5 series and 10,000 hour life on LBH4/5 series)
- Full customization available as an option (language, home screen, phone, QR codes, etc.)



GEN4-8R1



GEN4-8R12



GENH4-13R2



GENH4-13R22

# AQUA FLO®

#### Guidelines for Use

Parameter	Level
Hardness	< 7 gpg (120 mg/L)
Iron (Fe)	< 0.3ppm (mg/L)
Manganese (Mn)	< 0.05ppm (mg/L)
Tannins	< 0.1ppm (mg/L)
Turbidity	< 1 NTU
Transmittance (UVT)	> 75%



### AQUA FLO GEN-4, UV/Filter Rack System

MODEL	GEN4-8R1 40030061N	GEN4-8R12 40030062N	GENH4-13R2 40030063N	GENH4-13R22 40030064N
Flow Rate (@ 30 ml/cm² @ 95% UVT)	8.0 GPM	8.0 GPM	15.0 GPM	15.0 GPM
	30 lpm	30 lpm	49.2 lpm	49.2 lpm
	1.8 m³/hr.	1.8 m³/hr.	2.95 m³/hr.	2.95 m³/hr.
1st Filter Housing	10” 5 Micron Sediment 26235	10” 5 Micron Sediment 26235	20” 5 Micron Sediment 26239	20” 5 Micron Sediment 26239
2nd Filter Housing	N/A	20” High Capacity Carbon 26256	N/A	20” High Capacity Carbon 26256
Port Size	1” MNPT			
Electrical	90-265V/50-60Hz.			
Plug Type	American, Nema 5/15, 3 wire for all 110V systems, “1” suffix (i.e. LB5-Z1)			
Lamp Watts	20 (Standard-Output Lamp)		45 (High-Output Lamp)	
Power (watts)	23 (21 @ 230V.)		57 (48 @ 230V.)	
Max Current (amps)	1			
Chamber Dimensions	6.8 x 3.6 x 3” (17.2x9.2x7.6 cm)		8.6 x 4.2 x 3.5” (21.7x10.8x8.9 cm)	
Chamber Material	Polished 316L stainless steel, A249 pressure rated tubing			
Controller Dimensions	6.8 x 3.6 x 3” (171.5 x 92.1 x 76.2 mm)		8.6 x 4.2 x 3.5” (21.7 x 10.8 x 8.9 cm)	
Operating Pressure	0.7-10.3 bar (10-150 psi)			
Operating Water Temperature	2-40° C (36-104° F)			
Lamp Change Reminder (Audible & Visual)	Yes			
Lamp-Out Indicator (Audible & Visual)	Yes			
Shipping Weight	8.0 kg. (17.6 lbs.)	16.6 kg. (36.6 lbs.)	15.2 kg. (33.5 lbs.)	15.2 kg. (33.5 lbs.)
Note: Based on flow velocity of 8.2 ft/sec (2.5 m/sec.), flow rate limited to <b>22.1 gpm</b> (84 lpm) (5.0 m³/hr.) for 1” port				

### Sample Screens



**NSF Certified Models Available. Contact Customer Service For Details.**

### Options



**UV Sensor Module** Allows the 254nm UV wavelength to be measured and displayed via the GEN-4 UV controller.

### REPLACEMENT PARTS

System	Lamps	Sleeves	Controller
Aqua Flo Gen 4-8R1	RL-420 #40040096	RQ-420 #40040042	RC-B4.01 #40040112
Aqua Flo Gen 4-8R12	RL-330HO #40040019	RQ-420 #40040042	RC-B4.01 #40040112
Aqua Flo Gen 4-13R2	RL-420HO #40040020	RQ-420 #40040042	RC-B4.01 #40040112
Aqua Flo Gen 4-13R22	RL-420HO #40040020	RQ-420 #40040042	RC-B4.01 #40040112



# Drinking Water

## Aqua Flo Gen 5 UV/Filter Rack System

### A Combination Water System For Your Entire Home or Cottage

Combining ultraviolet disinfection (UV) with whole-house filtration provides your home or cottage with clean, great-tasting water that you can rely on. UV is proven to control microbiological (bacteria & virus) issues in water including *E.coli*, *Cryptosporidium*, and *Giardia Lamblia* without the use of chemicals. Combining UV disinfection with whole-house sediment and/or carbon pre-treatment filters improves UV performance and the taste, smell and clarity of your water.

#### Features:

- Four models provide a range of flow rate and filter combination options suitable for your specific needs
- Models for 8 & 13 gpm flow rates
- All systems include 5 micron sediment removal pretreatment required for proper UV performance
- Optional 'high-flow' carbon filters to treat bad tastes and odors
- Pressure relief, high-flow polypropylene filter housings
- Colour user interface with full diagnostics and warnings including QR codes
- "Future-proof" expandability port for future upgrades and options
- Designed & manufactured to ASME pressure vessel standards
- Axial flow, 316L stainless steel polished reactors designed & manufactured to ASME pressure vessel standards
- Flow rates stated at 95% UVT at a dose of 30mJ/cm<sup>2</sup>
- User friendly bayonet style lamp connector (Quick ¼ turn removal. No extra tools required.)
- Reliable, industry proven low pressure (LP) coated UV lamps with ceramic bases for durability and a 9000 hour life (1 year)
- Constant current electronic controller in a splash-proof case



GEN5-8R1



GEN5-8R12



GENH5-13R2



GENH5-13R22

#### Guidelines for Use

Parameter	Level
Hardness	< 7 gpg (120 mg/L)
Iron (Fe)	< 0.3ppm (mg/L)
Manganese (Mn)	< 0.05ppm (mg/L)
Tannins	< 0.1ppm (mg/L)
Turbidity	< 1 NTU
Transmittance (UVT)	> 75%

# AQUA FLO®

### AQUA FLO GEN-5, UV/Filter Rack System

MODEL	GEN5-8R1 40030050N	GEN5-8R12 40030051N	GENH5-13R2 40030052N	GENH5-13R22 40030053N
Flow Rate (@ 30 mJ/cm² @ 95% UVT)	8.0 GPM	8.0 GPM	15.0 GPM	15.0 GPM
	30 lpm	30 lpm	49.2 lpm	49.2 lpm
	1.8 m³/hr.	1.8 m³/hr.	2.95 m³/hr.	2.95 m³/hr.
1st Filter Housing	10" 5 Micron Sediment 26235	10" 5 Micron Sediment 26235	20" 5 Micron Sediment 26239	20" 5 Micron Sediment 26239
2nd Filter Housing	N/A	20" High Capacity Carbon 26256	N/A	20" High Capacity Carbon 26256
Port Size	1" MNPT			
Electrical	90-265V/50-60Hz.			
Plug Type	North American, NEMA 5-15, 3-wire for all 110V			
Lamp Watts	20 (Standard-Output Lamp)		45 (High-Output Lamp)	
Power (watts)	23	23	57	57
Max Current (amps)	1			
Chamber Dimensions	3.5 x 20.0" (8.9 x 50.8 cm)			
Chamber Material	Polished 316 Stainless Steel, A249 Pressure Rated Tubing			
Controller Dimensions	6.8 x 3.6 x 3" (171.5 x 92.1 x 76.2 mm)		8.6 x 4.2 x 3.5" (21.7 x 10.8 x 8.9 cm)	
Operating Pressure	0.7-10.3 bar (10-150 psi)			
Operating Water Temperature	2-40° C (36-104° F)			
UV Monitor	Optional (Requires additional UV Sensor Module)			
Solenoid Output	Yes, but requires optional solenoid module			
Dry Contacts	Yes, but requires optional remote alarm module			
Lamp Change Reminder (Audible & Visual)	Yes			
Lamp-Out Indicator (Audible & Visual)	Yes			
Shipping Weight	18.5 Lbs (8.4 Kg)	31.5 Lbs (14.3 Kg)	31.5 Lbs (14.3 Kg)	34.2 Lbs (15.5 Kg)
Note: Based on flow velocity of 8.2 ft/sec (2.5 m/sec.), flow rate limited to <b>22.1 gpm</b> (84 lpm) (5.0 m³/hr.) for 1" port				

## Sample Screens



**NSF Certified Models Available. Contact Customer Service For Details.**

## Options



**UV Sensor Module** Allows the 254nm UV wavelength to be measured and displayed via the GEN-5 UV controller. The sensor plugs directly into the controller and is mounted in the sensor port located on all GEN-5 units.



**Solenoid Module** Used to power a remote normally closed solenoid valve (not included). Solenoid valve will close on lamp failure or when low UV conditions are detected by the sensor. Available in 110V MODSOL1 (Item # 40040006)



**4-20mA Module** Used for signal transfer to a remote device such as a data logger or computer.



**Remote Alarm (Dry Contact) Module** Used for signal transfer to a remote alarm or dry contacts.

## REPLACEMENT PARTS

System	Lamps	Sleeves	Controller
Aqua Flo Gen 5-8R1	RL-420 #40040096	RQ-420 #40040042	RC-B56.01 #40040066N
Aqua Flo Gen 5-8R12	RL-420 #40040096	RQ-420 #40040042	RC-B56.01 #40040066N
Aqua Flo Gen 5-13R2	RL-420HO #40040020	RQ-420 #40040042	RC-B56.01 #40040066N
Aqua Flo Gen 5-13R22	RL-420HO #40040020	RQ-420 #40040042	RC-B56.01 #40040066N



# Drinking Water

## Aqua Flo Ultraviolet Disinfection Systems

**AQUA FLO®**

### UVB Series™

Aqua Flo Product's patented UVB Series is designed to provide disinfected water at a flow rate of 2 gallons per minute. In addition to disinfection, water is filtered through our 0.5 micron Extended Pass Carbon Block (EPCB) filter. Our double and triple models provide you with additional filtration with sediment and activated carbon filters.

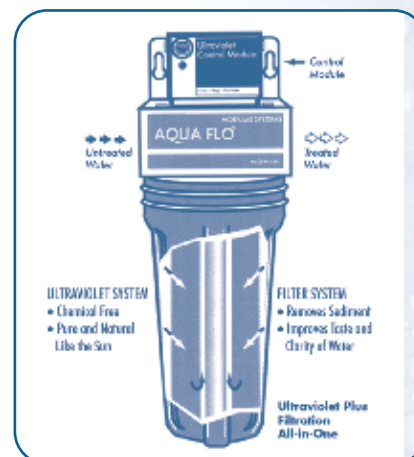
This compact All-in-One system installs with ease and can be used anywhere that clean, clear, good tasting disinfected water is needed. It is ideal for point-of-use applications like under the kitchen sink, office water coolers, water vending machines, boats, recreational vehicles, etc.

### Features:

- ➔ Electronic lamp indicator (LED)
- ➔ Standard voltage 115V

### Options:

- ➔ 220V/50Hz (2-Prong Euro plug)
- ➔ 12V DC
- ➔ Lamp Out Circuit (LOC) - (normally open) Safety monitor for alarm
- ➔ Lamp Out Circuit (LOC) - (normally closed) Safety monitor for solenoid shut off
- ➔ Three year warranty except on electrical components which are covered for a period of one year.



### Specifications & Performance UVB Series

Part #	Model Description	# of Sumps	Sump Type	Sump 1	Sump 2	Sump 3	Lamp #	Power Used	Flow Rates <sup>1</sup> GPM (L/min)	Dimensions HxWxD In. (cm)	Shipping Weight LBS. (kg)	Inlet/ Outlet Size
15610111	UVB1-EPCB	1	#10	EPCB Carbon/UV	None	None	# 11	14 Watts	2 (7.6)	15 x 5.5 x 5.5 (38.1 x 14 x 14)	10.0 (4.5)	3/8" NPT
15610411	UVB1-EPCB Normally Closed	1	#10	EPCB Carbon/UV	None	None	# 11	14 Watts	2 (7.6)	15 x 5.5 x 5.5 (38.1 x 14 x 14)	10.0 (4.5)	3/8" NPT
15610511	UVB1-EPCB Normally Open	1	#10	EPCB Carbon/UV	None	None	# 11	14 Watts	2 (7.6)	15 x 5.5 x 5.5 (38.1 x 14 x 14)	10.0 (4.5)	3/8" NPT
15620121	UVB2-EPCB/SD	2	#10	5 Micron Sed Filter	EPCB Carbon/UV	None	# 11	14 Watts	2 (7.6)	15 x 11 x 5.5 (38.1 x 27.9 x 14)	15.0 (6.8)	3/8" NPT
15630131	UVB3-EPCB/GC/SD	3	#10	5 Micron Sed Filter	Granular Carbon Filter	EPCB Carbon/UV	# 11	14 Watts	2 (7.6)	15 x 11 x 5.5 (38.1 x 27.9 x 14)	24.0 (10.9)	3/8" NPT

Note: (1) All flow rates shown will provide a UV dose of no less than 16,000 mW-s/cm<sup>2</sup> or greater.

# Drinking Water

## Aqua Flo Ultraviolet Disinfection Systems

### UV20 Series™

The Aqua Flo Product's UV20 Series is designed to provide disinfected water at a flow rate of 8 - 10 gallons per minute. This system is ideal for whole house water treatment. In addition to disinfection, the double and triple models provide filtration for the removal of sediment and chemical contaminants.

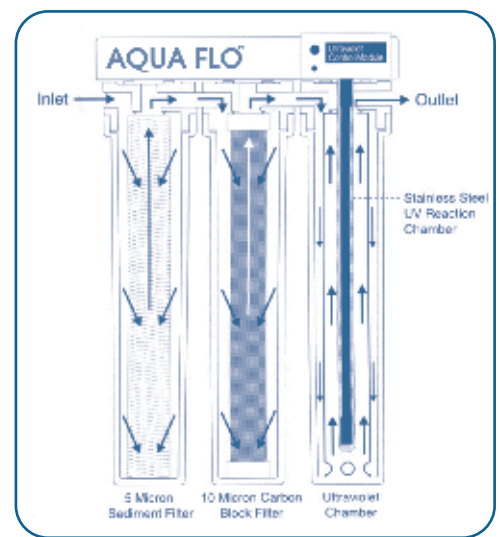
This ultraviolet water treatment system makes a perfect companion to water softeners, distillers, reverse osmosis and ozone systems. The UV20 Series has proven to be Aqua Flo Product's most popular product line and has created an industry standard in whole house disinfection.

#### Features:

- Electronic lamp indicator (LED)
- Standard voltage 115V

#### Options:

- 220V/50Hz (2-Prong Euro plug)
- 12V DC
- Lamp Out Circuit (LOC) - (normally open) Safety monitor for alarm
- Lamp Out Circuit (LOC) - (normally closed) Safety monitor for solenoid shut off
- Three year warranty except on electrical components which are covered for a period of one year.



### Specifications & Performance UV20 Series

Part #	Model Description	# of Sumps	Sump Type	Sump 1	Sump 2	Sump 3	Lamp #	Power Used	Flow Rates <sup>1</sup> GPM (L/min)	Dimensions HxWxD In. (cm)	Shipping Weight LBS. (kg)	Inlet/ Outlet Size
15710100	UV20-1	1	#20	UV	None	None	# 20	22 Watts	10 (38)	25 x 5.5 x 5.5 (63.5 x 14 x 14)	16.0 (7.3)	3/4" NPT
15710400	UV20-1 Normally Closed	1	#20	UV	None	None	# 20	22 Watts	10 (38)	25 x 5.5 x 5.5 (63.5 x 14 x 14)	16.0 (7.3)	3/4" NPT
15710500	UV20-1 Normally Open	1	#20	UV	None	None	# 20	22 Watts	10 (38)	25 x 5.5 x 5.5 (63.5 x 14 x 14)	16.0 (7.3)	3/4" NPT
15720121	UV20-2 SD	2	#20	5 Micron Sed Filter	UV	None	# 20	22 Watts	10 (38)	25 x 11 x 5.5 (63.5 x 27.9 x 14)	23.0 (10.4)	3/4" NPT
15720421	UV20-2 SD Normally Closed	2	#20	5 Micron Sed Filter	UV	None	# 20	22 Watts	10 (38)	25 x 11 x 5.5 (63.5 x 27.9 x 14)	23.0 (10.4)	3/4" NPT
15720521	UV20-2 SD Normally Open	2	#20	5 Micron Sed Filter	UV	None	# 20	22 Watts	10 (38)	25 x 11 x 5.5 (63.5 x 27.9 x 14)	23.0 (10.4)	3/4" NPT
15730131	UV20-3 SD/CB	3	#20	5 Micron Sed Filter	10 Micron Carbon Block	UV	# 20	22 Watts	8 (30)	25 x 16 x 5.5 (63.5 x 40 x 14)	33.0 (15.0)	3/4" NPT
15730431	UV20-3 SD/CB Normally Closed	3	#20	5 Micron Sed Filter	10 Micron Carbon Block	UV	# 20	22 Watts	8 (30)	25 x 16 x 5.5 (63.5 x 40 x 14)	33.0 (15.0)	3/4" NPT
15730531	UV20-3 SD/CB Normally Open	3	#20	5 Micron Sed Filter	10 Micron Carbon Block	UV	# 20	22 Watts	8 (30)	25 x 16 x 5.5 (63.5 x 40 x 14)	33.0 (15.0)	3/4" NPT

Note: (1) All flow rates shown will provide a UV dose of no less than 16,000 mW-s/cm<sup>2</sup> or greater.



# Drinking Water

## Aqua Flo Ultraviolet Disinfection Systems

**AQUA FLO®**

### UV BigBoy™ Series

The UV BigBoy Series is the most versatile commercial ultraviolet disinfection system on the market today. This 15 to 60 GPM series is manufactured with versatility in mind, and is virtually unlimited in the possible filter configurations and manifold sequences. The series is designed with the same traditional style that PURA has made an industry standard - worldwide.

One advantage of the UV BigBoy Series is the convenient manifold mounting rack. The rack can be used to configure up to four UV chambers in parallel or in series. This allows the user to achieve either a higher UV dosage or higher flow rate (up to 60 GPM).

This mounting rack configuration provides easy access for cleaning and maintenance to the individual units without the need to shut down the entire water distribution line. The standard LED lamp monitor provides a visual verification the lamp is in operation.

The UV BigBoy Series, with its capacity, versatility and cost, is the world's most flexible, complete water disinfection system in its class.



#### Features:

- ➔ Electronic lamp indicator (LED)
- ➔ Standard voltage 115V

#### Options:

- ➔ 220V/50Hz (2-Prong Euro plug)
- ➔ 12V DC
- ➔ Lamp Out Circuit (LOC) - (normally open) Safety monitor for alarm
- ➔ Lamp Out Circuit (LOC) - (normally closed) Safety monitor for solenoid shut off
- ➔ Three year warranty except on electrical components which are covered for a period of one year.



### Specifications & Performance UV BigBoy Series

Part #	Model Description	# of Sumps	Sump Type	Sump 1	Sump 2	Sump 3	Lamp #	Power Used	Flow Rates <sup>1</sup> GPM (L/min)	Dimensions HxWxD In. (cm)	Shipping Weight LBS. (kg)	Inlet/Outlet Size
15810100	UVBB-1	1	#20BB	UV	None	None	#20	22 Watts	15 (57)	28 x 7.5 x 9.0 (71.1 x 19 x 22.9)	18.0 (8.2)	1-1/2" NPT
15810400	UVBB-1 Normally Closed	1	#20BB	UV	None	None	#20	22 Watts	15 (57)	28 x 7.5 x 9.0 (71.1 x 19 x 22.9)	18.0 (8.2)	1-1/2" NPT
15810500	UVBB-1 Normally Open	1	#20BB	UV	None	None	#20	22 Watts	15 (57)	28 x 7.5 x 9.0 (71.1 x 19 x 22.9)	18.0 (8.2)	1-1/2" NPT
15820121	UVBB-2	2	#20BB	5 Micron Sed Filter	UV	None	#20	22 Watts	15 (57)	28 x 15 x 9.0 (71.1 x 38.1 x 22.9)	35.0 (15.9)	1-1/2" NPT
15820421	UVBB-2 Normally Closed	2	#20BB	5 Micron Sed Filter	UV	None	#20	22 Watts	15 (57)	28 x 15 x 9.0 (71.1 x 38.1 x 22.9)	35.0 (15.9)	1-1/2" NPT
15820521	UVBB-2 Normally Open	2	#20BB	5 Micron Sed Filter	UV	None	#20	22 Watts	15 (57)	28 x 15 x 9.0 (71.1 x 38.1 x 22.9)	35.0 (15.9)	1-1/2" NPT
15830131	UVBB-3	3	#20BB	5 Micron Sed Filter	10 Micron Carbon Block	UV	#20	22 Watts	15 (57)	28 x 23 x 9.0 (71.1 x 58.4 x 22.9)	54.0 (24.5)	1-1/2" NPT
15830431	UVBB-3 Normally Closed	3	#20BB	5 Micron Sed Filter	10 Micron Carbon Block	UV	#20	22 Watts	15 (57)	28 x 23 x 9.0 (71.1 x 58.4 x 22.9)	54.0 (24.5)	1-1/2" NPT
15830531	UVBB-3 Normally Open	3	#20BB	5 Micron Sed Filter	10 Micron Carbon Block	UV	#20	22 Watts	15 (57)	28 x 23 x 9.0 (71.1 x 58.4 x 22.9)	54.0 (24.5)	1-1/2" NPT

Model Description	# of Sumps	Sump Type	Sump 1	Sump 2	Sump 3	Sump 4	Lamp #	Power Used	Flow Rates <sup>1</sup> GPM (L/min)	Dimensions HxWxD In. (cm)	Shipping Weight LBS. (kg)	Inlet/Outlet Size
UVBB-R1	4	#20BB	empty <sup>(2)</sup>	empty <sup>(2)</sup>	empty <sup>(2)</sup>	UV	#20	22 Watts	15 (57)	45 x 34 x 18 (114 x 86 x 45)	65.0 (29.5)	1-1/2"
UVBB-R2	4	#20BB	empty <sup>(2)</sup>	empty <sup>(2)</sup>	UV	UV	#20	44 Watts	30 (114)	45 x 34 x 18 (114 x 86 x 45)	75.0 (34.0)	1-1/2"
UVBB-R4	4	#20BB	UV	UV	UV	UV	#20	88 Watts	60 (227)	45 x 34 x 18 (114 x 86 x 45)	91.0 (41.3)	1-1/2"



# Drinking Water

## Aqua Flo Ultraviolet Disinfection Systems

AQUA FLO®

### UV1-EPCB Series™

Aqua Flo Product's UV1-EPCB Series is a bright example of Aqua Flo Product's patented All-In-One concept. This product combines both ultraviolet disinfection with carbon filtration all in a very attractive and compact system.

The UV-1 Series is rated for 1 gallon per minute and uses either a 0.5 micron (EPCB) carbon block filter or a 10 micron (EPCB 10) carbon block filter. This easy to install system can be used as a stand alone or in conjunction with other water treatment products.

#### Features:

- Compact Size
- Standard voltage 115V

#### Options:

- 220V/50Hz (2-Prong Euro plug)
- 12V DC

### Specifications & Performance UV1-EPCB Series

Part #	Model Description	# of Sumps	Sump Type	Sump Content	Lamp #	Power Used	Flow Rates <sup>1</sup> GPM (L/min)	Dimensions HxWxD In. (cm)	Shipping Weight LBS. (kg)	Inlet/Outlet Size
15910111	UV1-EPCB	1	#10SL	EPCB Carbon/UV	#10	10 Watts	1 (3.8)	13.5 x 5.0 x 5.0 (34.3 x 12.7 x 12.7)	7.0 (3.2)	1/2" NPT

Notes: EPCB refers to Extended Pass Carbon Block filter

(1) All flow rates shown will provide a UV dose of no less than 16,000 mW-s/cm<sup>2</sup> or greater.

### UV ADDON Series™

Aqua Flo Product's UV ADDON Series is designed to be an easy addition to water treatment systems that require ultraviolet disinfection (RO systems, holding tanks, water dispensers, recirculating systems and more). The ADDON systems are available with a 1 GPM or 3 GPM flow rate. They are constructed using a 304 grade stainless steel body with a molded head that includes 3/8" quick connect fittings on the inlet/outlet. This versatile system also includes a heavy duty mounting bracket, but will also fit standard 2" RO mounting clips. The UV ADDON Series can be used almost anywhere and is equipped with a unique power supply that makes installation simple, space requirements minimal and lamp changes easy.

#### Features:

- 3/8" quick connect fittings
- Standard voltage 115V

#### Options:

- 220V/50Hz (2-Prong Euro plug)
- 12V DC

### Specifications & Performance UV ADDON Series

Part #	Model Description	# of Sumps	Sump Type	Sump Content	Lamp #	Power Used	Flow Rates <sup>1</sup> GPM (L/min)	Dimensions HxWxD In. (cm)	Shipping Weight LBS. (kg)	Inlet/Outlet Size
15520100	UV ADDON-1	1	304 SS	UV	#10	10 Watts	1 (3.8)	12 x 4 x 3.5 (30.5 x 10.2 x 8.9)	5.0 (2.3)	3/8" QC
15540100	UV ADDON-3	1	304 SS	UV	#20	22 Watts	3 (11.4)	22.5 x 4 x 3.5 (57.2 x 10.2 x 8.9)	7.0 (3.2)	3/8" QC

Notes: (1) All flow rates shown will provide a UV dose of no less than 16,000 mW-s/cm<sup>2</sup> or greater.





# Aqua Flo Filtration Products

## Your Water Quality is a Growing Concern

Aging infrastructure and increasing groundwater contamination is a growing reality and concern. The ingestion and inhalation of water disinfection products, such as chlorine, is also undesirable and unnecessary from both an aesthetic and physical standpoint.

## Finding The Right Solution

Improving your water quality is easy and economical. While bottled water remains a popular option for drinking water, it is an expensive, less convenient alternative that creates waste and is hard on the environment.

Aqua Flo™ Water Filtration Products provide you with a wide range of solutions for fresh, clean water. Not only do you get great-tasting water for drinking and cooking, you also get clear, odor free water for washing and utility use. No more carrying or storing heavy bottles either!



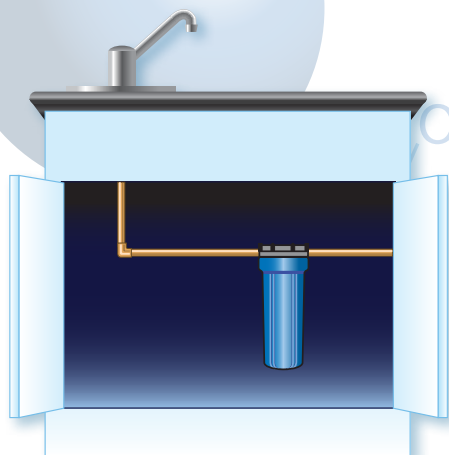
**Water travels through miles of pipes before reaching your home. Chlorine is commonly used to kill bacteria along the way. Once at your tap, it is desirable to reduce chlorine.**

## Aqua Flo Filter Cartridges are available to solve a wide variety of water problems:

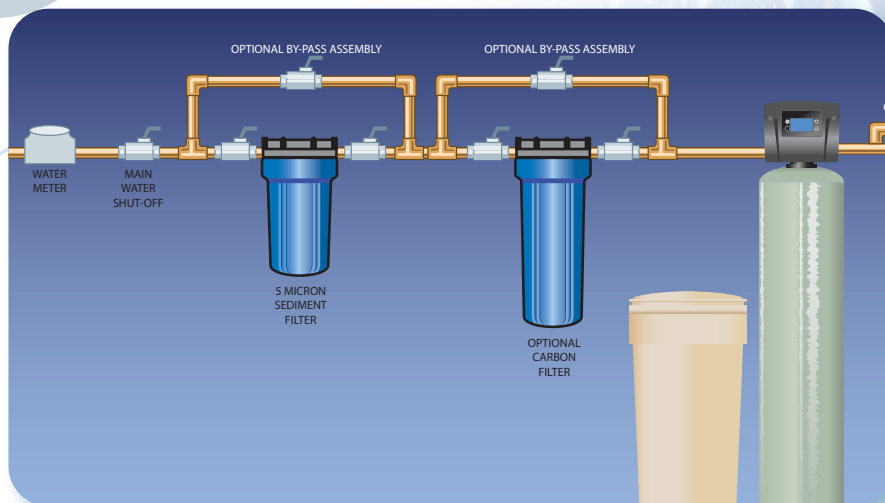
- ◆ Remove dirt, silt, clay and other sediments
- ◆ Remove iron to prevent staining
- ◆ Minimize unpleasant odors, including chlorine

## Understanding Your Aqua Flo Filtration System

Aqua Flo Filtration Systems consist of a Filter Housing that connects to your plumbing system and disposable Filter Cartridge that performs the work. Depending on your needs, systems can consist of a single or series of Housings installed either under a specific sink (Point-of-Use) or where the water main enters the home (Point-of-Entry). Filter Cartridges are easily replaced periodically, typically on an annual or semi-annual basis, depending on your incoming water quality.



**Point of Use**



**Point of Entry**

# Aqua Flo Filtration Products

All Aqua Flo Filtration products provide durable, high-quality reliable performance.

The **Aqua Flo Platinum line** features top-of-the-line performance plus **3rd party certification** which is sometimes required by local plumbing codes.

**AQUA FLO**<sup>®</sup>  
PLATINUM



Visit [www.nsf.org](http://www.nsf.org)  
for specific details on  
certification



Visit [www.iapmo.org](http://www.iapmo.org)  
for specific details on  
certification



The **Aqua Flo Value line** also offers great performance and durability at a more economical price point.

**AQUA FLO**<sup>®</sup>





# Aqua Flo Filtration Products

## Filter Housings

Filter Housings come in different sizes, materials of construction and offer different features.

**Here is a quick breakdown:**

- ◆ **Size** – Required flow rates and installation space will determine the size of the housing. Housings typically come in four sizes: 2.5"x 10", 2.5"x 20", 4.5"x 10", 4.5"x 20"
- ◆ **Material of Construction** - Plastic is standard for most applications. Stainless steel is used for higher temperature applications.

### Features – Some housings provide additional unique features:

- ◆ **Valve-in-Head** – allows you to bypass or shut off the water during cartridge replacement.
- ◆ **Pressure Relief Button** – relieves pressure from the housing prior to changing cartridge
- ◆ **Stainless Steel Threads** – reduces possibility of cross threading and allows for tighter pipe fit
- ◆ **Double O-Ring** – ensures added seal insurance protecting from leaks



**Double O-Ring Seal**  
(Aqua Flo Platinum only)



**Pressure Relief Button**



**Valve-in-Head**

## Filter Housing Kits

All Aqua Flo® Point-of-Use Water Filter Housings are easy to install and come with a mounting bracket and hardware plus sump wrench for easy sump removal. Filter cartridges are sold separately.



**Sump Wrench**



**Mounting Bracket and Hardware**

### **WARNING:**

Do not use on drinking water supplies, which are microbiologically unsafe or of unknown quality without first adequately disinfecting the water. Protect against freezing to prevent cracking of the filter and water leakage.

### **NOTE:**

All dimensions and micron ratings are nominal. The manufacturer reserves the right to make product improvements which may deviate from the specifications and descriptions stated herein, without obligation to change previously manufactured products or to note the change.

Do not subject to freezing temperatures.

# Aqua Flo Filtration Products

## Filter Housings



P-H-PR-20BV



P-H-PR-20



P-H-PR-10



P-H-PR-10BV



P-SL-10-1/2-NPR

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### Aqua Flo Platinum™ Housings

Item #	Model Description	Features	Filter Size (In)	Inlet/Outlet Size NPT (In)	Color	Dimensions A X B (In)	Weight (Lbs)	Certification	Replacement Oring Upper	Wrench	Certification
36237	HOUSING, P-SL-10-1/2-NPR	NO Pressure Relief, Single (1) O-Ring	2.5" x 10"	1/2"	Blue /Black	4 x 12	4	NSF 42	60010681 x 1	93016	IAPMO R & T Certified against NSF/ANSI 42
36051	HOUSING, P-H-PR-10-3/4	Pressure Relief, Single (1) O-Ring	2.5" x 10"	3/4"	Blue /Black	5 X 12	4	NSF 42	60010681 x 1	93016	NSF 42
36273	HOUSING, P-H-PR-20-3/4	Pressure Relief, Single (1) O-Ring	2.5" x 20"	3/4"	Blue /Black	5 X 23	7	NSF 42	60010560 x 1	93018	NSF 42
36117	HOUSING, P-H-PR-10BV-3/4	Pressure Relief, Double (2) O-Ring	4.5"x10"	3/4"	Blue /Black	5 X 12	6	NSF 42	60010559 x 2	93017	NSF 42
36116	HOUSING, P-H-PR-20BV-3/4	Pressure Relief, Double (2) O-Ring	4.5" X 20	3/4"	Blue /Black	5 X 23	8	NSF 42	60010559 x 2	93019	NSF 42
36053	HOUSING, P-H-PR-10BV-1	Pressure Relief, Double (2) O-Ring	4.5" x 10"	1"	Blue /Black	7 X 14	6	NSF 42	60010559 x 2	93017	NSF 42
36112	HOUSING, P-H-PR-20BV-1	Pressure Relief, Double (2) O-Ring	4.5" X 20"	1"	Blue /Black	7 X 24	8	NSF 42	60010559 x 2	93019	NSF 42

### Aqua Flo™ Housings

Item #	Model Description	Features	Filter Size (In)	Inlet/Outlet Size NPT (In)	Color	Dimensions A X B (In)	Weight (Lbs)	Certification	Replacement Oring	Wrench
26069	HOUSING, WVIH34SS	Valve-in-Head, SS Thread	2.5" x 10"	3/4"	Blue	5" x 13.5"	4	No	92060	26007
26264	HOUSING, H-PR-10-34	Pressure Relief	2.5" x 10"	3/4"	Blue	5.25" x 12.25"	4	No	92513	92508
26265	HOUSING, H-PR-20-34	Pressure Relief	2.5" x 20"	3/4"	Blue	5.25" x 22.5"	7	No	92513	92508
26262	HOUSING, H-PR-10BV-34	Pressure Relief	4.5" x 10"	3/4"	Blue	7.25" x 14"	6	No	92512	92509
26258	HOUSING, H-PR-10BV-1	Pressure Relief	4.5" x 10"	1"	Blue	7.25" x 14"	6	No	92512	92509
26261	HOUSING, H-PR-20BV-34	Pressure Relief	4.5" x 20"	3/4"	Blue	7.25" x 24"	8	No	92512	92509
26259	HOUSING, H-PR-20BV-1	Pressure Relief	4.5" x 20"	1"	Blue	7.25" x 24"	8	No	92512	92509
26263	HOUSING, H-PR-20BV-15	Pressure Relief	4.5" x 20"	1.5"	Blue	7.25" x 24"	7	No	92512	92509

### Specifications:

- ◆ Max. Water Temperature: 30°C (100°F)
- ◆ Min. Water Temperature: 2°C (35°F)
- ◆ Max. Water Pressure; 100 psi (689 kPa)
- ◆ Materials of Construction: Reinforced Polypropylene (cap and blue sump)
- ◆ Housing O-Ring: EPDM
- ◆ Pressure Relief Button: Nylon
- ◆ Limited One Year Warranty

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WVIH34SS

H-PR-20

H-PR-20BV

H-PR-10BV

H-PR-10



# Aqua Flo Filtration Products

## Cartridge Selection Guide

Model #	Scale and Rust Particles	Coarse Sand	Sand/ Dirt/ Silt	Fine Dirt/ Silt/ Sand	Extra Fine Dirt/Silt/ Sand	Bad Taste & Odor	Aesthetic Chlorine: Taste & Odor
<b>Pleated Polyester Cartridge (PPC) Filter</b>							
PPC-1-10, PPC-5-20BV, P-PPC-5-10BV	✓	✓	✓	✓	✓		
PPC-20-10BV	✓	✓	✓				
PPC-20-20BV	✓	✓	✓				
<b>Dual Gradient (DG) Density Cartridge Filter**</b>							
DG-25-1-10BV, DG-50-5-20BV, P-DG-50-5-20BV	✓	✓	✓	✓	✓		
DG-75-25-10BV, DG-75-25-20BV	✓	✓	✓				
<b>Carbon Block (CB) Cartridge Filter <sup>(†)</sup></b>							
P-CCB-1-10, P-CB-10-20BV, CCB-1-10, CB-10-20BV						✓	✓
<b>Pleated Polyester Reusable (PR) Cartridge Filter</b>							
PR-30-10BV, P-PR-30-10BV, P-PR-30-20BV, PR-30-20BV	✓	✓					
<b>Radial Flow (RF) Granular Activated Carbon Cartridge Filter</b>							
RF-20, RF-20BV, P-RF-20BV						✓	✓
<b>Impregnated Carbon Cellulose (ICC) Dual Purpose Filter <sup>(†) (‡)</sup></b>							
P-ICC-5-10, P-ICC-5-20	✓	✓	✓	✓	✓	✓	✓
ICC-20-20BV	✓	✓	✓			✓	✓
<b>Impregnated Carbon Polyester (ICP) Dual Purpose Filter <sup>(‡)</sup></b>							
ICP-10-10	✓	✓	✓	✓	✓	✓	✓
ICP-10-10BV	✓	✓	✓			✓	✓
Model #	Scale and Rust Particles	Coarse Sand	Sand/ Dirt/ Silt	Fine Dirt/ Silt/ Sand	Extra Fine Dirt/Silt/ Sand	Bad Taste & Odor	Aesthetic Chlorine: Taste & Odor
<b>Pleated Cellulose (PC) Cartridge Filter*</b>							
PC-20-10, P-PC-20-10BV, PC-20-20BV	✓	✓	✓				
<b>Granular Activated Carbon (CGAC) Cartridge Filter <sup>(††)</sup></b>							
CGAC-10, CGAC-20BV						✓	✓
<b>Spun Poly Bonded (SPB) Cartridge Filter</b>							
SPB-1-10, SPB-5-20, P-SPB-25-10	✓	✓	✓	✓	✓		
<b>Polypropylene Melt Blown (PPMB) Filter Cartridge</b>							
PPMB-5-10, PPMB-5-20BV	✓	✓	✓	✓	✓		
PPMB-10-10, PPMB-10-20BV	✓	✓	✓	✓			
PPMB-25-10	✓	✓	✓				
PPMB-50-10	✓	✓					
PPMB-25-20	✓	✓	✓				
PPMB-50-20	✓	✓					
PPMB-20-40	✓	✓	✓				
PPMB-20-10BV	✓	✓	✓				
PPMB-20-20BV	✓	✓	✓				
<b>String Wound (SW) Cartridge Filter</b>							
SW-5-10, P-SW-5-10, SW-5-20	✓	✓	✓	✓	✓		
SW-30-10, P-SW-30-10, SW-30-10	✓	✓					

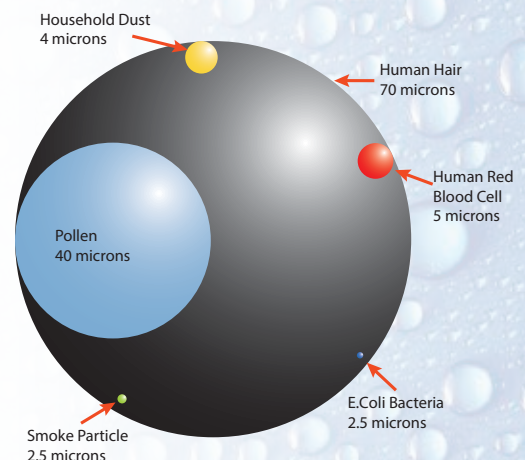
## Filter Cartridges

There is an overwhelming selection of cartridges to choose from. We offer a range of popular cartridges to cover most water quality needs.

Your Professional Water Specialist can help determine the correct filtration products for your needs.

### What is a Micron Rating?

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.



# Drinking Water Aqua Flo Filters

## Taste & Odor Filters

### Carbon Block (CB)

### Cartridge Filter

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The CB cartridge filter is suitable for high capacity chlorine and bad taste and odor reduction from drinking water. These filters are also used for sediment filtration, making them a great choice for pre-filtering water for reverse osmosis applications. They make an ideal choice for a wide range of residential, food service, commercial and industrial applications.

### Features:

- ◆ High Dirt-Holding Tolerance
- ◆ High porosity maximizes utilization of the Carbon Block

Item #	Model #	Filter Size (in)	Micron	Capacity (Gallons)	Flow Rate (gpm)	Certification
36002	P-CB-0.5-10	2.5" X 10"	0.5	10000 @ 1.0	1.0 gpm	IAPMO R & T Certified against NSF/ANSI 42
36073	P-LR-0.5-10	2.5" X 10"	0.5	6000 @ 1.0	1.0 gpm	IAPMO R & T Certified against NSF/ANSI 42
36032	P-CCB-1-10	2.5" X 10"	1	8000 @ 1.0	1.0 gpm	IAPMO R & T Certified against NSF/ANSI 42
36023	P-CB-5-10	2.5" X 10"	5	8000 @ 1.0	1.0 gpm	IAPMO R & T Certified against NSF/ANSI 42
36034	P-CCB-5-10	2.5" X 10"	5	8000 @ 1.0	1.0 gpm	IAPMO R & T Certified against NSF/ANSI 42
36012	P-CB-10-10	2.5" X 10"	10	8000 @ 1.0	1.0 gpm	IAPMO R & T Certified against NSF/ANSI 42
36027	P-CB-5-20	2.5" X 20"	5	16000 @ 2.0	2.0 gpm	IAPMO R & T Certified against NSF/ANSI 42
36017	P-CB-10-20	2.5" X 20"	10	16000 @ 2.0	2.0 gpm	IAPMO R & T Certified against NSF/ANSI 42
36025	P-CB-5-10BV	4.5" X 10"	5	16000 @ 3.0	3.0 gpm	IAPMO R & T Certified against NSF/ANSI 42
36015	P-CB-10-10BV	4.5" X 10"	10	16000 @ 3.0	3.0 gpm	IAPMO R & T Certified against NSF/ANSI 42
36008	P-CB-0.5-20BV	4.5" X 20"	0.5	40000 @ 6.0	6.0 gpm	IAPMO R & T Certified against NSF/ANSI 42
36029	P-CB-5-20BV	4.5" X 20"	5	32000 @ 6.0	6.0 gpm	IAPMO R & T Certified against NSF/ANSI 42
36020	P-CB-10-20BV	4.5" X 20"	10.0	32000 @ 6.0	6.0 gpm	IAPMO R & T Certified against NSF/ANSI 42

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Item #	Model #	Filter Size (in)	Micron	Capacity (Gallons)	Flow Rate (gpm)
26194	CB-0.5-10	2.5" X 10"	0.5	20,000 gallons @ 1 gpm	1 gpm
26192	CCB-1-10	2.5" X 10"	1.0	10,000 gallons @ 1 gpm	1 gpm
26195	CB-5-10	2.5" X 10"	5	6,000 gallons @ 1 gpm	1 gpm
26196	CB-10-10	2.5" X 10"	10	3,000 gallons @ 1 gpm	1 gpm
26197	CB-0.5-20	2.5" X 20"	1	45,000 gallons @ 2 gpm	2 gpm
26198	CB-5-20	2.5" X 20"	5	12,000 gallons @ 2 gpm	2 gpm
26199	CB-10-20	2.5" X 20"	10	6,000 gallons @ 2gpm	2 gpm
26201	CB-0.5-10BV	4.5" X 10"	0.5	50,000 gallons @ 2 gpm	2 gpm
26202	CB-5-10BV	4.5" X 10"	5	22,000 gallons @ 2 gpm	2 gpm
26203	CB-10-10BV	4.5" X 10"	10	15,000 gallons @ 2gpm	2 gpm
26204	CB-0.5-20BV	4.5" X 20"	0.5	150,000 gallons @ 4gpm	4 gpm
26205	CB-5-20BV	4.5" X 20"	5	40,000 gallons @ 4 gpm	4 gpm
26206	CB-10-20BV	4.5" X 20"	10.0	30,000 gallons @ 4 gpm	4 gpm

### Material Information

End Cap Material – Polypropylene

Gasket – PVC/Silicone

Filter Media – Acid Washed

Activated Carbon  
(Coal or Coconut  
Shell Based)

Netting – Polypropylene

Expansion Pad – Polypropylene



# Drinking Water Aqua Flo Filters



## Radial Flow (RF) Granular Activated Carbon Cartridge Filters

The RF cartridge filters are the solution for effective reduction of chlorine and bad taste and odor. These filters provide low pressure drop and carbon fines released from the filter are much less compared to the same size GAC style cartridge filter.

### Features:

- ◆ Ideal for POE (whole house) and other high flow rate applications
- ◆ Unique design reduces carbon fines in filtered water
- ◆ Very low pressure drop

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Item #	Model #	Filter Size (in)	Capacity (Gallons)	Flow Rate (gpm)	Certification
36089	P-RF-10BV	4.5" X 10"	15,000 @ 3.0	3.0	IAPMO R & T Certified against NSF/ANSI 42
36091	P-RF-20BV	4.5" X 20"	30,000 @ 6.0	6.0	



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Item #	Model #	Filter Size (in)	Capacity (Gallons)	Flow Rate (gpm)
26254	RF-10	2.5" X 10"	3,000 gallons @ 1 gpm	1 gpm
26253	RF-20	2.5" X 20"	6,000 gallons @ 2 gpm	4 gpm
26255	RF-10BV	4.5" X 10"	35,000 gallons @ 2 gpm	4 gpm
26256	RF-20BV	4.5" X 20"	70,000 gallons @ 4 gpm	8 gpm

### Material Information

Filter Media – Granular Activated Coal Based Carbon  
Outer Shell – Polypropylene  
End Caps – Polypropylene  
Gasket – PVC/Silicone  
Core – Polypropylene

## Granular Activated (CGAC) Carbon Cartridge Filter

The CGAC cartridge filters are effective in reduction of chlorine and other bad taste and odor from drinking water.



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Item #	Model #	Filter Size (in)	Capacity (Gallons)	Flow Rate (gpm)
26277	CGAC-10	2.5" X 10"	5,000 gallons @ 1.0 gpm	1 gpm @ 7 psi drop
26186	CGAC-20	2.5" X 20"	10,000 gallons @ 2.0 gpm	2 gpm @ 15 psi drop
26187	CGAC-10BV	4.5" X 10"	12,500 gallons @ 2.0 gpm	2 gpm @ 5 psi drop
26188	CGAC-20BV	4.5" X 20"	25,000 gallons @ 4.0 gpm	4 gpm @ 5 psi drop
26188	CGAC-20BV	4.5" X 20"	25,000 gallons @ 4.0 gpm	4 gpm @ 5 psi drop

### Features:

- ◆ Effective taste/odor/chlorine reduction
- ◆ Designed for maximum adsorption
- ◆ Post filter to reduce carbon fines



# Drinking Water Aqua Flo Filters



## Impregnated Carbon Cellulose (ICC) Dual Purpose Filter

The ICC cartridge filter has a dual benefit for sediment filtration and reduction of chlorine and bad taste and odor from drinking water. These carbon wrap sediment cartridges consist of polypropylene melt blown core with carbon impregnated outer layer wrap. It is an economical solution for general water filtration requirements. This filter has high dirt-loading capacity and is recommended for chlorinated water supplies. These dual-purpose cartridges are well suited for residential applications, and are great polishing filters for closed-loop water stream systems. The netting and reinforced support provide strength to the filter.

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### Features:

- ◆ Provides sediment filtration as well as taste/odor /chlorine reduction
- ◆ High dirt loading capacity
- ◆ External netting for additional strength

Part #	Model #	Filter Size (In)	Micron	Capacity (Gallons)	Flow Rate (gpm)	Certification
36151	P-ICC-5-5	2.5" X 5"	5	250 @ 0.5	0.5	IAPMO R & T Certified against NSF/ANSI 42
36062	P-ICC-5-10	2.5" X 10"	5	100 @ 1.0	2.0	IAPMO R & T Certified against NSF/ANSI 42
36064	P-ICC-5-20	2.5"X20"	5	100 @ 1.0	2.0	IAPMO R & T Certified against NSF/ANSI 42



## Impregnated Carbon Polyester (ICP) Dual Purpose Filter

The ICP cartridge filter has a dual benefit for sediment filtration and reduction of chlorine and bad taste and odor from drinking water. These carbon wrap sediment cartridges consist of polypropylene melt blown cores with carbon impregnated outer layer wraps. It is an economical solution for general water filtration requirements. This filter is recommended for chlorinated water supplies. These dual-purpose cartridges are well suited for residential applications and are great polishing filters for closed-loop water stream systems.

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### Features:

- ◆ Provides sediment filtration as well as taste/odor /chlorine reduction
- ◆ High dirt loading capacity
- ◆ External netting for additional strength

Item #	Model #	Filter Size (In)	Micron	Capacity (Gallons)	Flow Rate (gpm)
36066	P-ICP-10-10BV	4.5" X 10"	10	100 @ 1	2 gpm
36182	P-ICP-10-20	2.5"X20"	10	1000 @ 2	2 gpm

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Item #	Model #	Filter Size (In)	Micron	Capacity (Gallons)	Flow Rate (gpm)
26190	ICP-10-10	2.5" X 10"	5	2,500 gallons @ 1 gpm	5 gpm

### Material Information

End Cap Material - Polypropylene  
Core - Polypropylene  
Gasket - Silicon/PVC  
Filter Media - Carbon  
Impregnated Polyester  
Netting - Polypropylene



# Drinking Water Aqua Flo Filters



## Polypropylene Melt Blown (PPMB) Filter Cartridges

The PPMB cartridge filters are made by thermally bonding polypropylene microfibers for higher filtration efficiency performance. The polypropylene material is chemical resistant and not prone to bacterial attack. They will also not add any taste, color and odor to the water. They are available in wide variety of sizes and micron ratings.

### Features:

- ◆ Constructed from high quality polypropylene filter media for higher filtration efficiency
- ◆ Thermally bonded micro-fiber construction for high strength
- ◆ Available in micron ratings from 1 to 50 and lengths from 10" - 30"

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Item #	Model #	Filter Size (In)	Micron	Flow Rate (gpm)	Certification
36249	P-PMB-10-1	2.5" X 10"	1	2 gpm	IAPMO R & T Certified against NSF/ANSI 42
36198	P-PMB-10-5	2.5" X 10"	5	2 gpm	IAPMO R & T Certified against NSF/ANSI 42
36199	P-PMB-10-10	2.5" X 10"	10	2 gpm	IAPMO R & T Certified against NSF/ANSI 42
36200	P-PMB-10-25	2.5" X 10"	25	2 gpm	IAPMO R & T Certified against NSF/ANSI 42
36250	P-PMB-10-50	2.5" X 10"	50	2 gpm	IAPMO R & T Certified against NSF/ANSI 42
36202	P-PMB-20-1	2.5" X 20"	1	5 gpm	IAPMO R & T Certified against NSF/ANSI 42
36203	P-PMB-20-5	2.5" X 20"	5	5 gpm	IAPMO R & T Certified against NSF/ANSI 42
36204	P-PMB-20-10	2.5" X 20"	10	5 gpm	IAPMO R & T Certified against NSF/ANSI 42
36205	P-PMB-20-25	2.5" X 20"	25	5 gpm	IAPMO R & T Certified against NSF/ANSI 42
36252	P-PMB-30-1	2.5" X 30"	1	6 gpm	IAPMO R & T Certified against NSF/ANSI 42
36252	P-PMB-30-1	2.5" X 30"	1	6 gpm	IAPMO R & T Certified against NSF/ANSI 42

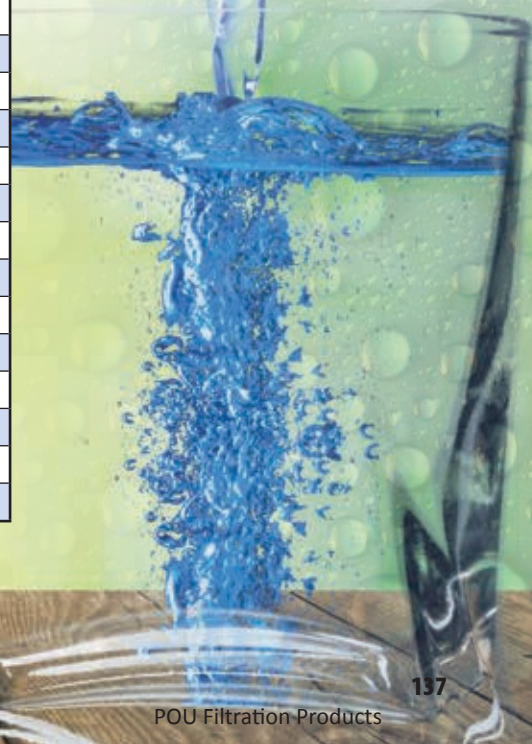
### Material Information

Filter Media – Polypropylene  
Core – Polypropylene



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Item #	Model #	Filter Size (In)	Micron	Flow Rate (gpm)
26269	PPMB-5-10	2.5" X 10"	5	3 gpm
26223	PPMB-10-10	2.5" X 10"	10	4 gpm
26224	PPMB-25-10	2.5" X 10"	25	5 gpm
26225	PPMB-50-10	2.5" X 10"	50	8 gpm
26226	PPMB-1-20	2.5" X 20"	1	4 gpm
26227	PPMB-5-20	2.5" X 20"	5	7 gpm
26228	PPMB-10-20	2.5" X 20"	10	9 gpm
26229	PPMB-25-20	2.5" X 20"	25	11 gpm
26230	PPMB-50-20	2.5" X 20"	50	15 gpm
26231	PPMB-1-40	2.5" X 40"	1	8 gpm
26232	PPMB-5-40	2.5" X 40"	5	14 gpm
26233	PPMB-20-40	2.5" X 40"	20	20 gpm
26234	PPMB-1-10BV	4.5" X 10"	1	6 gpm
26235	PPMB-5-10BV	4.5" X 10"	5	10 gpm
26236	PPMB-10-10BV	4.5" X 10"	10	11 gpm
26237	PPMB-20-10BV	4.5" X 10"	20	14 gpm
26238	PPMB-1-20BV	4.5" X 20"	1	12 gpm
26239	PPMB-5-20BV	4.5" X 20"	5	20 gpm
26240	PPMB-10-20BV	4.5" X 20"	10	20 gpm
26241	PPMB-20-20BV	4.5" X 20"	20	20 gpm



# Drinking Water Aqua Flo Filters

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## String Wound (SW) Polypropylene Cartridge Filters

SW cartridge filters are manufactured from polypropylene cord which is wound around the polypropylene core. These cartridge filters are economical solution for reduction of sediment, sand, rust and scale particles from the drinking water.

### Features:

- ◆ String wound filters reduces sediment from a variety of liquids
- ◆ Low pressure drop
- ◆ Withstand high temperatures
- ◆ Wide chemical compatibility

### Material Information

Filter Media – Polypropylene

Core – Polypropylene

Item #	Model #	Filter Size (In)	Micron	Flow Rate (gpm)	Certification
36109	P-SW-5-10	2.5" X 10"	5	10 gpm	IAPMO R & T Certified against NSF/ANSI 42
36101	P-SW-10-10	2.5" X 10"	10	10 gpm	IAPMO R & T Certified against NSF/ANSI 42 & 61
36104	P-SW-30-10	2.5" X 10"	30	10 gpm	IAPMO R & T Certified against NSF/ANSI 42 & 61
36102	P-SW-50-10	2.5" X 10"	50	10 gpm	IAPMO R & T Certified against NSF/ANSI 42 & 61
36138	P-SW-5-10BV	4.5" X 10"	5	15 gpm	IAPMO R & T Certified against NSF/ANSI 42 & 61
36140	P-SW-25-10BV	4.5" X 10"	25	15 gpm	IAPMO R & T Certified against NSF/ANSI 42 & 61
36141	P-SW-1-20BV	4.5" X 20"	1	20 gpm	IAPMO R & T Certified against NSF/ANSI 42 & 61
36142	P-SW-5-20BV	4.5" X 20"	5	20 gpm	IAPMO R & T Certified against NSF/ANSI 42 & 61
36143	P-SW-25-20BV	4.5" X 20"	25	20 gpm	IAPMO R & T Certified against NSF/ANSI 42 & 61
36241	P-SW-100-20BV	4.5" X 20"	100	20 gpm	IAPMO R & T Certified against NSF/ANSI 61

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Item #	Model #	Filter Size (In)	Micron	Flow Rate (gpm)
26273	SW-5-10	2.5" X 10"	5	5 gpm
26246	SW-10-10	2.5" X 10"	10	7 gpm
26247	SW-30-10	2.5" X 10"	30	10 gpm
26249	SW-50-10	2.5" X 10"	50	10 gpm
26250	SW-1-20	2.5" X 20"	1	15 gpm
26251	SW-5-20	2.5" X 20"	5	15 gpm
26281	SW-1-10BV	4.5" X 10"	1	20 gpm
26282	SW-5-10BV	4.5" X 10"	5	20 gpm
26283	SW-10-10BV	4.5" X 10"	10	20 gpm
26284	SW-20-10BV	4.5" X 10"	20	20 gpm
26252	SW-30-10BV	4.5" X 10"	30	20 gpm
26286	SW-50-10BV	4.5" X 10"	50	20 gpm
26287	SW-1-20BV	4.5" X 20"	1	30 gpm
26288	SW-5-20BV	4.5" X 20"	5	30 gpm
26289	SW-10-20BV	4.5" X 20"	10	30 gpm
26292	SW-20-20BV	4.5" X 20"	20	30 gpm
26293	SW-25-20BV	4.5" X 20"	25	30 gpm
26294	SW-50-20BV	4.5" X 20"	50	30 gpm
26294	SW-50-20BV	4.5" X 20"	50	30 gpm





# Drinking Water Aqua Flo Filters



## Pleated Polyester Cartridge (PPC) Filter

The PPC cartridge filters are made from resin impregnated cellulose and polyester fibers. They are constructed with thermally bonded media with end caps and inner core heat sealed together.



Item #	Model #	Filter Size (In)	Micron	Flow Rate (gpm)
36130	P-PPC-5-10BV	4.5" X 10"	5.0	10 gpm
36134	P-PPC-5-20BV	4.5" X 20"	5.0	20 gpm

### Material Information

End Cap Material - Polyurethane  
Inner Core Material - Polypropylene  
Filter Media - Polyester Fabric

### Features:

- ◆ Special formulation of resin impregnated cellulose and polyester fibers
- ◆ Provides higher wet strength than regular cellulose cartridges
- ◆ High flow rate and high dirt-holding capacity
- ◆ Wide variety on sizes and micron ranges available



Item #	Model #	Filter Size (In)	Micron	Flow Rate (gpm)
26174	PPC-1-10	2.5" X 10"	1	5 gpm
26175	PPC-5-10	2.5" X 10"	5	7 gpm
26176	PPC-1-20	2.5" X 20"	1	10 gpm
26177	PPC-5-20	2.5" X 20"	5	13 gpm
26178	PPC-5-10BV	4.5" X 10"	5	18 gpm
26179	PPC-20-10BV	4.5" X 10"	20	20 gpm
26180	PPC-5-20BV	4.5" X 20"	5	20 gpm
26181	PPC-20-20BV	4.5" X 20"	20	35 gpm



## Pleated Polyester Reusable (PR) Cartridge Filter

PR cartridge filters are made from reusable polyester fibers which are pleated to maximize dirt holding capacity. These cartridge filters are multipurpose.



IAPMO R & T Certified  
against NSF/ANSI 42

Item #	Model #	Filter Size (In)	Micron	Capacity (Gallons)	Flow Rate (gpm)	Certification
36076	P-PR-30-10	2.5"X10"	30.0	9600	10.0	IAPMO R & T Certified against NSF/ANSI 42
36078	P-PR-30-10BV	4.5" X 10"	30.0	24000	10.0	IAPMO R & T Certified against NSF/ANSI 42
36087	P-PR-50-10BV	4.5" X 10"	50.0	24000	10.0	IAPMO R & T Certified against NSF/ANSI 42
36083	P-PR-30-20BV	4.5" X 20"	30.0	48000	10.0	IAPMO R & T Certified against NSF/ANSI 42

### Features:

- ◆ Pleated design maximizes dirt-holding capacity
- ◆ Durable, versatile and reusable
- ◆ Polyester media is bacteria and chemical resistant
- ◆ Nominal 30-micron rating and nominal 50-micron rating

### Material Information

Filter Media - Polypropylene  
End Caps - Polyurethane  
Core - Polyurethane



Item #	Model #	Filter Size (In)	Micron	Capacity (Gallons)	Flow Rate (gpm)
26242	PR-30-10BV	4.5" X 10"	30	24,000 @ 10.0 gpm	10 gpm
26243	PR-50-10BV	4.5" X 10"	50	24,000 @ 10.0 gpm	10 gpm
26244	PR-30-20BV	4.5" X 20"	30	48,000 @ 10.0 gpm	20 gpm



# Drinking Water Aqua Flo Filters

## Pleated Cellulose (PC) Filter Cartridges

The PC cartridge filters are made from pleated cellulose media and are recommended for general water filtration requirements.

**AQUA FLO®**

### Features:

- ◆ Pleated design maximizes dirt-holding capacity
- ◆ Designed for general water filtration purposes
- ◆ Nominal 20-micron rating
- ◆ Cellulose based material

### Material Information

End Cap Material - Polyurethane  
Inner Core Material - Polypropylene  
Filter Media - Cellulose paper

Item #	Model #	Filter Size (In)	Micron	Flow Rate (gpm)
26276	PC-20-10	2.5" X 10"	20	10 gpm
26182	PC-20-20	2.5" X 20"	20	15 gpm
26183	PC-20-10BV	4.5" X 10"	20	20 gpm
26184	PC-20-20BV	4.5" X 20"	20	35 gpm



## Dual Gradient (DG) Density Cartridge Filters



DG cartridge filters are made from 100% polypropylene. The progressively loose structure from inside to outside enhance cartridge performance in reduction of dirt, dust and other particles. The two separate gradient layers of the filter enhances the performance such that it achieves a much higher

dirt-loading capacity compared to similar size sediment cartridge filters including spun and string-wound. They make an ideal sediment reduction choice for a wide range of residential, food service, commercial and industrial applications.

**AQUA FLO®**  
PLATINUM



NSF/ANSI 42 for Material Safety Only.



IAPMO R & T Certified against NSF/ANSI 42

Item #	Model #	Filter Size (In)	Micron	Flow Rate (gpm)	Certification
36039	P-DG-25-1-10BV	4.5" X 10"	25/1	10	NSF 42
36043	P-DG-50-5-10BV	4.5" X 10"	50/5	10	NSF 42
36041	P-DG-25-1-20BV	4.5" x 20"	25/1	20	IAPMO R & T Certified against NSF/ANSI 42
36045	P-DG-50-5-20BV	4.5" X 20"	50/5	20	IAPMO R & T Certified against NSF/ANSI 42
36049	P-DG-75-25-20BV	4.5" X 20"	75/25	20	IAPMO R & T Certified against NSF/ANSI 42

### Features:

- ◆ No Fiber release and media migration
- ◆ Designed for purity, bacteria and chemical resistance
- ◆ Two Separate Gradient density layers enhance cartridge performance
- ◆ Three times the dirt-holding capacity than other traditional sediment filters

### Material Information

Filter Media - Polypropylene

**AQUA FLO®**

Item #	Model #	Filter Size (In)	Micron	Flow Rate (gpm)
26207	DG-25-1-10BV	4.5" X 10"	25/1	10 gpm
26208	DG-50-5-10BV	4.5" X 10"	50/5	10 gpm
26209	DG-75-25-10BV	4.5" X 10"	75/25	10 gpm
26210	DG-25-1-20BV	4.5" x 20"	25/1	20 gpm
26211	DG-50-5-20BV	4.5" X 20"	50/5	20 gpm
26212	DG-75-25-20BV	4.5" X 20"	75/25	20 gpm



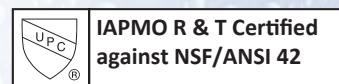


# Drinking Water Aqua Flo Filters



## Spun Poly Bonded (SPB) Cartridge Filters

The SPB filters are manufactured from 100% polypropylene which is resistant to chemical and less prone to bacterial attack. Also they do not impart any taste and odor to the water.



Item #	Model #	Filter Size (In)	Micron	Flow Rate (gpm)	Certification
36095	P-SPB-25-10	2.5" X 10"	25.0	5 gpm	IAPMO R & T Certified against NSF/ANSI 42

### Features:

- ◆ Use on chlorinated or non-chlorinated supplies.
- ◆ Designed for purity, bacteria and chemical resistance
- ◆ Spun fibers form a true gradient
- ◆ Density from outer to inner surfaces

### Material Information

Filter Media – Polypropylene



Item #	Model #	Filter Size (In)	Micron	Flow Rate (gpm)
26213	SPB-1-10	2.5" X 10"	1	4 gpm
26222	SPB-5-10	2.5" X 10"	5	5 gpm
26221	SPB-5-20	2.5" X 20"	5	10 gpm



## SPECIALTY FILTERS

### Water Softening

These cation exchange softening cartridges utilize a bed of sodium form cation resin beads to reduce hardness and scale deposits. The convenient and space-saving design of our WS Series cartridges means that softened water can be provided easily and cost effectively at the exact point of need.



NSF/ANSI 42 for Material Safety Only.

Item #	Model #	Filter Size (In)	Capacity (grains)	Certification
36242	P-WS-10	2.5" X 10"	1,414	NSF 42
36243	P-WS-20	2.5" X 20"	2,520	NSF 42
36244	P-WS-20BV	4.5" X 20"	6,295	NSF 42

### Deionization

These high-capacity, semi-conductor grade resin cartridges are ideal for use in pharmaceuticals, medical laboratories, cosmetics, and circuit board printing applications.

Item #	Model #	Filter Size (In)
36179	P-DI-10	2.5" X 10"
36180	P-DI-20	2.5" X 20"
36178	P-DI-20BB	4.5" X 20"

### Iron Reduction

This cartridge helps to eliminate the orange and brown stains often found in sinks, toilets, tubs and other plumbing fixtures.

Item #	Model #	Filter Size (In)	Capacity (ppm)
36236	P-IR-20BV	4.5" X 20"	1,492 @ 3gpm

### In-line Cartridge

Sealed in-line filters feature coconut shell, granular activated carbon, and are designed to reduce unwanted taste, odor and chlorine taste and odor.

Item #	Model #	Filter Size (In)	Micron
36248	P-IL-CGAC-3/8	2" x 10	5
36230	P-IL-PH-1/4	2" x 10	20

### Ice Maker

High grade coconut shell activated carbon and a filter element for sediment removal make this the ideal choice for ice makers and water dispensers. Enjoy clean, clear, great tasting water and ice cubes.

Item #	Model #	Filter Size (In)
26003	WIM14	2.25" X 8"

# 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	205°F (96°C)
Pipe Size	3/4" NPT
Sealing Gaskets	Buna-N, Cellulose Fiber

## Housings

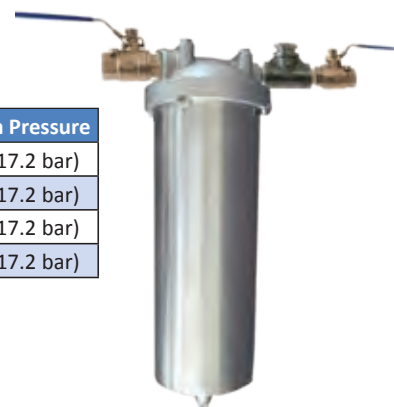
Item #	Model	Maximum Dimensions	Flow Rate (gpm)	Maximum Pressure
36146	SS-1	14 1/8" x 4 1/8" (360mm x 105mm)	10 gpm (38 lpm)	250 psi (17.2 bar)
36147	SS-2	24" x 4 1/8" (610mm x 105mm)	15 gpm (57 lpm)	250 psi (17.2 bar)
36148	SS-3	33 5/8" x 4 1/8" (853mm x 105mm)	20 gpm (76 lpm)	250 psi (17.2 bar)
36145	Side Stream Filter Assembly	14 1/8"(h) x 20 3/4" (w) x 4 1/8" (d)	10 gpm (38 lpm)	250 psi (17.2 bar)

Maximum cartridge diameter 3" (76mm)

## #36145 Side Stream Filter Assembly

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



# Filter Cartridges

## Tin Core-String Wound Cartridges

- ◆ Tin core and string wound natural cotton media is suitable for general purpose high temperature filter applications with water, oils, solvents, paints and other non-FDA (non-potable) applications.
- ◆ Maximum Cartridge Temperature - 300°F (149°C)
- ◆ 2.5" O.D. Core x 10" Length (suitable for #10 and ST-1 Housings)
- ◆ Available in 5, 10, 25, 50 micron ratings

## 304SS Core String Wound Cartridges

- ◆ Maximum Cartridge Temperature - 300°F (149°C)
- ◆ Suitable for potable water only

- ◆ 2.5 O.D. Core x 10" Length (suitable for #10 and ST-1 Housings)
- ◆ Available in 5, 10, 25, 50 micron ratings



## Cartridges

Item #	Description	Micron	Weight (LBS)
26137	Sediment, 10" Hot Water, Stainless Steel	5	0.5
26138	Sediment, 10" Hot Water, Stainless Steel	10	0.5
26139	Sediment, 10" Hot Water, Stainless Steel	25	0.5
26140	Sediment, 10" Hot Water, Stainless Steel	50	0.5
26146	Sediment, 20" Hot Water, Stainless Steel	25	1.0
26147	Sediment, 20" Hot Water, Stainless Steel	50	1.0
26141	Sediment, 10" Hot Water, Tin Core, Non-potable	5	0.5
26134	Sediment, 10" Hot Water, Tin Core, Non-potable	10	0.5
26135	Sediment, 10" Hot Water, Tin Core, Non-potable	25	0.5
26136	Sediment, 10" Hot Water, Tin Core, Non-potable	50	0.5



# Bag Filters

## BF Series (Polypropylene Felt)

- ◆ Filtration ratings from 1 to 200 microns to comply with any filtration requirement
- ◆ Manufactured from felt due to its high solids loading capabilities versus similar mesh fabrics
- ◆ The media is created by needle-punching two layers of synthetic fibers together in a supporting scrim
- ◆ A glazed finish, created by melting the outermost surface fibers, is used to produce a bond that reduces the possibility of migration.

Item #	Model #	Filter Size (In)	Micron
36184	P-BF-410-1	4" X 10"	1
36188	P-BF-410-5	4" X 10"	5
36185	P-BF-410-10	4" X 10"	10
36187	P-BF-410-25	4" X 10"	25
36189	P-BF-410-50	4" X 10"	50
36186	P-BF-410-100	4" X 10"	100
36190	P-BF-420-1	4" X 20"	1
36195	P-BF-420-5	4" X 20"	5
36191	P-BF-420-10	4" X 20"	10
36194	P-BF-420-25	4" X 20"	25
36196	P-BF-420-50	4" X 20"	50
36192	P-BF-420-100	4" X 20"	100
36193	P-BF-420-200	4" X 20"	200

# High-Flow Whole House Filtration System

Provides economical, high flow solutions for sediment, taste and odor removal.

## Features

- ◆ High-Flow Dual Filtration System
- ◆ Up to 70,000 Gallons of great tasting water
- ◆ 3/4" porting for flow rates up to 8 gpm
- ◆ Large 20" Filters for long lasting performance
- ◆ Dimensions: 8" deep, 16 1/4" wide, 27 1/2" high
- ◆ Weight: 21 lb.s (9.5 kg.)
- ◆ Inlet/outlet pressure gauges indicate when filter replacements are required
- ◆ For municipal water supplies



**160197 High-Flow Dual Stage 20BB SED, Carbon, 3/4" In/Out**

**160198 High-Flow Dual Stage 20BB SED, Carbon, 1" In/Out**

Item #	Model #	Size	Micron	Capacity (Gallons)	Flow Rate (gpm)
26239	PPMB-5-20BV	4.5" x 20"	5	NA	20 gpm
26256	RF-20BV	4.5" x 20"	NA	70,000 gallon @ 4 gpm	8 gpm

# Sediment Filters



## Effective Sediment Filtration

**Rusco's line of SpinDown™ Sediment and Sediment Trapper™ Model Filters make solid particle removal simple and economical.**

- ◆ Centrifuge Spin-Down type sediment separation
- ◆ Clear cover easily removed for total cleaning (no tools required\*)
- ◆ Sediment is visible through cover
- ◆ Reusable elements with polyester screens available in various mesh sizes
- ◆ Flow capacity for entire system
- ◆ All molded non-corrosive materials
- ◆ Available in 3 sizes: 1", 1-1/2" and 2" slip x slip connections in and out

*\* Using tools voids warranty. Tighten by hand.*



## SPIN-DOWN™ Sediment Trapper™ Filters

- ◆ Unique element design traps sediment in lower reservoir of clear cover
- ◆ Clear bowl easily removed for total cleaning (No tools required\*)
- ◆ Flow capacity for entire system
- ◆ Sediment is visible through the clear cover indicating when the filter needs cleaning
- ◆ No down time
- ◆ Ball valve allows for quick sediment removal from bottom of cover
- ◆ Centrifuge Spin-Down type sediment separation
- ◆ Reusable polyester screen available in many mesh sizes from very fine to very coarse

### Filter Element

The unique design of the sediment trapper™ element allows debris to settle in the bottom of the clear cover, trapping sediment away from the screen. The new 1-1/2" and 2" model elements make it easy to convert a standard spin-down™ filter to a Sediment Trapper™ by simply replacing the elements which are available with polyester screens in various mesh sizes to suit your needs.

Filter Dimensions			
Size	1"	1 - 1/2"	2"
*Length	14-3/8"	15-3/8"	17-7/8"
Width	5"	5-1/4"	5-1/2"

*\*With ball valve attached*



# Sediment Filters



## SPIN-DOWN™ Sediment Filters

- ◆ Clear Cover is easily removed for total cleaning (No tools required\*)
- ◆ Flow capacity for entire system
- ◆ Sediment is visible through the clear cover indicating when the filter needs cleaning
- ◆ Sediment is quickly and easily removed by opening the ball valve at the bottom of the filter cover
- ◆ Reusable polyester screens in many mesh sizes
- ◆ No down time

### Covers

Rusco™ Sediment Filter covers are made of high impact polymer resin for maximum strength and durability. 1/2" MPT nipple on bottom of cover for connection of plastic ball valve for easy cleaning.

### Body

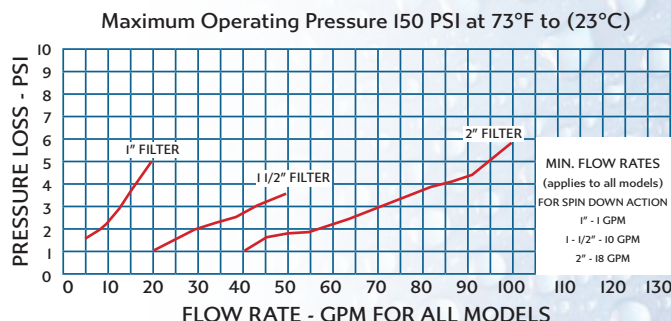
Rusco™ SPIN-DOWN™ Sediment Filter bodies are PVC material in 1", 1-1/2" and 2" slip x slip connections in and out.

Filter Dimensions

Size	1"	1 - 1/2"	2"
*Length	11-3/8"	15-3/8"	17-7/8"
Width	5"	5-1/4"	5-1/2"

\*With ball valve attached

PART #	DESCRIPTION
<b>SpinDown™ and Sediment Trapper™ Housings</b>	
26350	Housing,T-Style,SpinDown 1" w/ Flush Valve
26351	Housing,T-Style,Sediment Trapper 1" w/ Flush Valve
26352	Housing,T-Style,1.5", w/ Flush Valve for SpinDown or Sed Trapper
26353	Housing,T-Style,2", w/ Flush Valve for SpinDown or Sed Trapper
<b>SpinDown™ Filter Elements</b>	
26354	Filter Element,1",SpinDown,60mesh PolyesterFS-1-60
26355	Filter Element,1",SpinDown,100mesh PolyesterFS-1-100
26356	Filter Element,1",SpinDown,140mesh PolyesterFS-1-140
26357	Filter Element,1",SpinDown,250mesh PolyesterFS-1-250
26358	Filter Element,1",SpinDown,500mesh PolyesterFS-1-500
26359	Filter Element,1",SpinDown,1000mesh PolyesterFS-1-1000
26360	Filter Element,1.5",SpinDown,60mesh PolyesterFS-1-1/2-60
26361	Filter Element,1.5",SpinDown,100mesh PolyesterFS-1-1/2-100
26362	Filter Element,1.5",SpinDown,140mesh PolyesterFS-1-1/2-140
26363	Filter Element,1.5",SpinDown,250mesh PolyesterFS-1-1/2-250
26364	Filter Element,1.5",SpinDown,500mesh PolyesterFS-1-1/2-500
26365	Filter Element,1.5",SpinDown,1000mesh PolyesterFS-1-1/2-1000
26366	Filter Element,2",SpinDown,60mesh PolyesterFS-2-60
26367	Filter Element,2",SpinDown,100mesh PolyesterFS-2-100
26368	Filter Element,2",SpinDown,140mesh PolyesterFS-2-140
26369	Filter Element,2",SpinDown,250mesh PolyesterFS-2-250
26370	Filter Element,2",SpinDown,500mesh PolyesterFS-2-500
26371	Filter Element,2",SpinDown,1000mesh PolyesterFS-2-1000
<b>SandTrapper™ Filter Elements</b>	
26372	Filter Element,1",SandTrapper,60mesh PolyesterFS-1-60ST
26373	Filter Element,1",SandTrapper,100mesh PolyesterFS-1-100ST
26374	Filter Element,1",SandTrapper,140mesh PolyesterFS-1-140ST
26375	Filter Element,1",SandTrapper,250mesh PolyesterFS-1-250ST
26376	Filter Element,1",SandTrapper,500mesh PolyesterFS-1-500ST
26377	Filter Element,1",SandTrapper,1000mesh PolyesterFS-1-1000ST
26378	Filter Element,1.5",SandTrapper,60mesh PolyesterFS-1-1/2-60ST
26379	Filter Element,1.5",SandTrapper,100mesh PolyesterFS-1-1/2-100ST
26380	Filter Element,1.5",SandTrapper,140mesh PolyesterFS-1-1/2-140ST
26381	Filter Element,1.5",SandTrapper,250mesh PolyesterFS-1-1/2-250ST
26382	Filter Element,1.5",SandTrapper,500mesh PolyesterFS-1-1/2-500ST
26383	Filter Element,1.5",SandTrapper,1000mesh PolyesterFS-1-1/2-1000ST
26384	Filter Element,2",SandTrapper,60mesh PolyesterFS-2-60ST
26385	Filter Element,2",SandTrapper,100mesh PolyesterFS-2-100ST
26386	Filter Element,2",SandTrapper,140mesh PolyesterFS-2-140ST
26387	Filter Element,2",SandTrapper,250mesh PolyesterFS-2-250ST
26388	Filter Element,2",SandTrapper,500mesh PolyesterFS-2-500ST
26389	Filter Element,2",SandTrapper,1000mesh PolyesterFS-2-1000ST
<b>Rusco Filter Housing Parts</b>	
26390	Oring,T-Style Housing,1.5"1.5OR



### Element Screen Sizes • Polyester

Mesh	Microns	Opening
24	711	.028"
30	533	.021"
40	381	.015"
60	254	.010"
100	152	.006"
140	104	.004"
250	61	.0024"
500	30	.0012"
1000	15	.0006"

Also available in Stainless Steel

 **Rusco inc.**  
Sediment Filters