AQUA FLO®
PLATINUM

AQUA FLO®

Reverse Osmosis
Ultra Filtration
Under Sink Filtration
Designer Faucets
& Accessories

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 lesser 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 HP 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.

QCRO

QCUF

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

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
Purpose	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
Type	Polypropylene	Carbon Block	Carbon Block	Granular Activated Carbon Filter	pH Booster and Remineralizer	Hollow Fiber Mechanical Filtration	Carbon Block
Micron	5	5	50	–	–	0.1	1
Capacity*	2000 gallons	2000 gallons	2000 gallons	2000 gallons	To be changed every 6 months	To be changed every 12 months	750 Gallons
Minimum Flow Rate @ 60psi	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
Single Stage System Model #**	SEDQC1/4	CBQC1/4	CB50QC1/4	GACQC1/4	PHQC1/4	UFQC1/4	CB1QC1/4

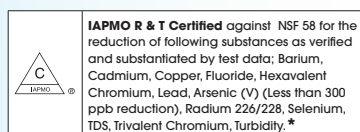* May vary depending on water quality
** Single Stage Standalone System Port Connection Size - 1/4" Quick Connect

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

15.8"

14.5"

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 Booster Pump Models	40-100psi 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.	

IAPMO R & T Certified against NSF 58 for the reduction of following substances as verified and substantiated by test data; Barium, Cadmium, Copper, Fluoride, Hexavalent Chromium, Lead, Arsenic (V) (Less than 300 ppb reduction), Radium 226/228, Selenium, TDS, Trivalent Chromium, Turbidity. *****

*Only QCRO4V-50 system has IAPMO certification

IAPMO R & T Certified against CSA B483.1

4.7"

13.1"

2.5"

Aqua Flo Platinum QCRO & QCUF Drinking Water Systems

PART #	DESCRIPTION	WEIGHT (LBS)
AQUA FLO PLATINUM QCRO (Quick Change) Reverse Osmosis c/w 4.0 Gal Metal Storage Tank		
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
QCUF (QUICK CHANGE) ULTRAFILTRATION		
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
QC SINGLE FILTRATION SYSTEMS (C/W MOUNTING BRACKET)		
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
QUICK CHANGE REPLACEMENT FILTERS		
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

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:

- 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.."

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 #: 92325
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)
3VTFC50G	3	None	Dual-Purpose	TFC	Activated Carbon	50	None	11 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
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 Booster Pump Models	40-100psi 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
AQUA FLO PLATINUM 1240 SERIES REVERSE OSMOSIS c/w 4.0 Gal Metal Storage Tank	
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
1240 SERIES REPLACEMENT CARTRIDGES	
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)
1240 SERIES REPLACEMENT MEMBRANES	
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

Aqua Flo Reverse Osmosis Systems

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 141/2"h x 41/2 d No Pump
141/4"w x 161/2"h x 61/4"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 Booster Pump Models	40-100psi 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.

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
20010021	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

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 ¼" 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

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

PART #	DESCRIPTION	Stage 1	Stage 2 and 3	Stage 4	Stage 5	Storage Tank	Faucet
20010073	RO75 RO75BP	Sediment Filter	Activated Carbon Block Filter	Reverse Osmosis Membrane	Activated Carbon Polishing Filter	Plastic Tank - 3.2 Gallons Plastic Tank - 3.2 Gallons	Standard Non-AirGap
20010074							
20010076 & 20010077							20010076 & 20010077 Models c/w Air Gap Faucets

PART #	DESCRIPTION
ECONOMY SERIES REPLACEMENT CARTRIDGES	
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 ºF
Total Dissolved Solids (TDS)[1]	0 - 2500 ppm (0 - 2500 mg/L)
pH	5 - 10
Chlorine[2]	0 - 3 ppm (0 - 3 mg/L)
Chloramine	0 - 3 ppm (0 - 3 mg/L)
Turbidity	0 - 10 NTU
Hardness[3]	0 - 10 gpg
Iron	0 - 1 ppm (0 - 1 mg/L)
Bacterial Quality	Potable

Aqua Flo 75GPD HERO 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 (HERO) SYSTEM Virtually wastes no water with over 99.9% recovery.

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

Save As Much As 7000 Gallons Per Year!

FEEL GREAT… HYDRATE!

75% WATER

- BLOOD NORMALIZER
- PRODUCTIVITY BOOST
- CLEARER SKIN
- BRAIN BOOST
- MUSCLE FUEL
- FLUID BALANCE
- FATIGUE BUSTER
- CALORIE CONTROL

- ◆ 75% of your body is water
- ◆ Mild dehydration can cause headaches, dizziness, fatigue, dry skin and joint pain
- ◆ 33% of caloric intake comes from sugary drinks
- ◆ Water has 0 calories and helps suppress hunger

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

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

NSF

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

COMPONENT

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

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)

Aqua Flo Residential Reverse Osmosis Membranes

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

NSF®
COMPONENT

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

Features:

- **AquaFlo Platinium (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 300)

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
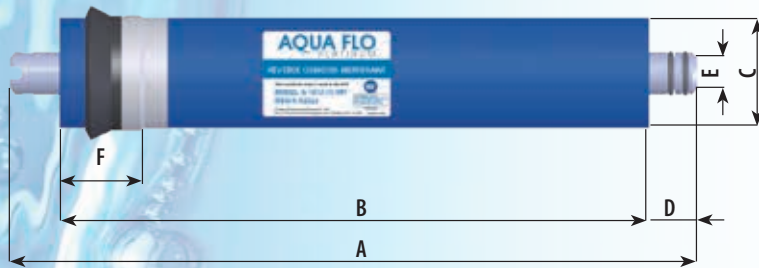
Aqua Flo Residential Reverse Osmosis Membranes

NSF® COMPONENT

The component 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

| 18 | 12 | 50 | NPI or NPD |

- Model of membrane sheet
- Average Permeate Flow, 50GPD
- Length of membrane element, 12"
- OD of membrane element, 1.8"

DIMENSIONS	A		B		C		D		E		F	
Type model	(in.)	(mm.)	(in.)	(mm.)	(in.)	(mm.)	(in.)	(mm.)	(in.)	(mm.)	(in.)	(mm.)
1812-50-NPI	11.74	298	10.08	256	1.65	42	0.83	21	0.67	17	1.38	35
1812-75-NPI	11.74	298	10.08	256	1.77	45	0.83	21	0.67	17	1.38	35
1812-50-NPD	11.74	298	10.08	256	1.65	42	0.83	21	0.67	17	1.38	35
1812-75-NPD	11.74	298	10.08	256	1.77	45	0.83	21	0.67	17	1.38	35

Operating & Cleaning Limits

Maximum Operating Temperature[1]	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[1]	2 - 11
Maximum FeedSilt Density Index (SDI)	SDI 5
Free Chlorine Tolerance[2]	< 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.

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

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%

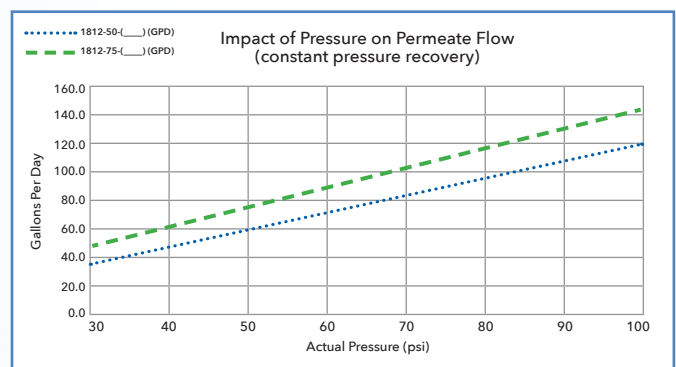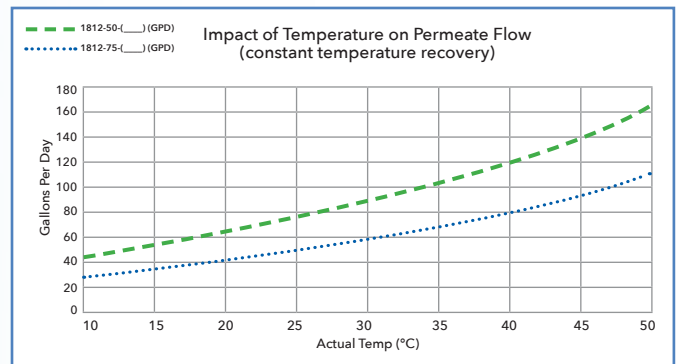3. Permeate flows for individual elements may vary +/- 20%.

Impact of Temperature on Permeate Flow (constant temperature recovery)

Impact of Pressure on Permeate Flow (constant pressure recovery)

PART #	DESCRIPTION
RESIDENTIAL RO MEMBRANES (NSF CERTIFIED)	
AQUAFLO PLATINUM (GE Membrane sheet Made in USA)	
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
AQUAFLO VALUE	
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

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 seperately.

VS888

VS905

Color Sample Display #87591

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**

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.

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.

NSF COMPONENT

 # 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

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

Quick Sizing Chart

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

AQUA FLO®

Aqua Flo Ultraviolet Disinfection Systems

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
  • 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_2 @ 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_3/hr	1.4 m_3/hr	2.5 m_3/hr	4.6 m_3/hr	6.8 m_3/hr	8.9 m_3/hr
Flow Rate 30mJ/cm_2 @ 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_3/hr	0.70 m_3/hr	1.3 m_3/hr	2.5 m_3/hr	3.4 m_3/hr	4.8 m_3/hr
Flow Rate 40mJ/cm_2 @ 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_3/hr	0.50 m_3/hr	1.0 m_3/hr	1.9 m_3/hr	2.7 m_3/hr	3.6 m_3/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	
Cooling Fan	NO				OPTIONAL (40040009)	
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)

Sample Screens

AQUA FLO — Residential UV

AQUA FLO — 98% UV Intensity

AQUA FLO — 375 Days Lamp Life Remaining

lamp expired 7 days Call your Dealer for service

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 controller.

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 4-11	RL-820 #40040015	RQ-820 #40040045	RC-B4.01 #40040112
Aqua Flo Gen 4-15	RL-999 #40040017	RQ-999 #40040048	RC-B4.01 #40040112
Aqua Flo Gen 4-21	RL-850 #40040016	RQ-850 #40040046	RC-B4.01 #40040112

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, 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
  • 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®

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$_2$ @ 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$_3$/hr	2.3 m$_3$/hr	3.2 m$_3$/hr	5.7m$_3$/hr	9.1m$_3$/hr
Flow Rate 40mJ/cm$_2$ @ 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$_3$/hr	1.6 m$_3$/hr	2.5 m$_3$/hr	4.3 m$_3$/hr	7.0 m$_3$/hr
Flow Rate Hot Water (-HW suffix) model 30mJ/cm$_2$ @ 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$_3$/hr	1.6 m$_3$/hr	2.2 m$_3$/hr	3.6 m$_3$/hr	6.4 m$_3$/hr
Flow Rate Low UVT (-50 suffix) model 30mJ/cm$_2$ @ 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$_3$/hr	1.0 m$_3$/hr	1.4 m$_3$/hr	2.3 m$_3$/hr	3.9 m$_3$/hr
Flow Rate TOC (-TOC suffix) model 150mJ/cm$_2$ @ 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$_3$/hr	0.5 m$_3$/hr	0.6 m$_3$/hr	1.1 m$_3$/hr	1.8 m$_3$/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

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

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

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 [1] / 77 lpm [1] / 4.6 m³/hr. [1]	30 GPM [2] / 113.6 lpm [2] / 6.8 m³/hr. [2]	39.2 GPM [2] / 150 lpm [2] / 8.9 m³/hr. [2]
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

Note: 1. based on flow velocity of 8.2 ft/sec (2.5 m/sec.), flow rate limited to **13.6 gpm** (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 **22.1 gpm** (84 lpm) (5.0 m³/hr.) for 1" port

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

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/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

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

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 [2] 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 [1] 71.9 lpm 4.3 m³/hr.	27 GPM [2] 102.2 lpm 6.1 m³/hr.	47 GPM [2] 178 lpm 10.7 m³/hr.	78 GPM [3] 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

Note: 1. based on flow velocity of 8.2 ft/sec (2.5 m/sec.), flow rate limited to **13.6 gpm** (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 **22.1 gpm** (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 **52 gpm** (197 lpm) (11.8 m³/hr.) for 1 ½" 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

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

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

AQUA FLO GEN-6, Residential monitored UV systems

MODEL	GEN6-6 40030006	GEN6-10 40030007	GEN6-15 40030008	GEN6-20 40030009
UV Flow Rate (@ 16 mJ/cm² @ 95% UVT)	11 GPM 41 lpm 2.5 m³/hr.	20 GPM [1] 77 lpm [1] 4.6 m³/hr. [1]	30 GPM [2] 113.6 lpm [2] 6.8 m³/hr. [2]	39.2 GPM [2] 150 lpm [2] 8.9 m³/hr. [2]
UV Flow Rate (@ 30 mJ/cm² @ 95% UVT)	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.
UV Flow Rate (@ 40 mJ/cm² @ 95% UVT)	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	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

Note: 1. based on flow velocity of 8.2 ft/sec (2.5 m/sec.), flow rate limited to **13.6 gpm** (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 **22.1 gpm** (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-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
Aqua Flo Gen 6-6	RL-470 #40040014	RQ-470 #40040043	RC-B56.01 #40040066
Aqua Flo Gen 6-10	RL-820 #40040015	RQ-820 #40040045	RC-B56.01 #40040066
Aqua Flo Gen 6-15	RL-999 #40040017	RQ-999 #40040048	RC-B56.01 #40040066
Aqua Flo Gen 6-20	RL-850 #40040016	RQ-850 #40040046	RC-B56.01 #40040066

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

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

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 [2] 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 [1] 71.9 lpm 4.3 m³/hr.	27 GPM [2] 102.2 lpm 6.1 m³/hr.	47 GPM [2] 178 lpm 10.7 m³/hr.	78 GPM [3] 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

Note: 1. based on flow velocity of 8.2 ft/sec (2.5 m/sec.), flow rate limited to **13.6 gpm** (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 **22.1 gpm** (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 **52 gpm** (197 lpm) (11.8 m³/hr.) for 1 ½" 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
Aqua Flo Gen H6-5	RL-210HO #40040018	RQ-210 #40040039	RCHO-B56.12 #40040074
Aqua Flo Gen H6-10	RL-330HO #40040019	RQ-330 #40040041	RCHO-B56.12 #40040074
Aqua Flo Gen H6-15	RL-420HO #40040020	RQ-420 #40040042	RCHO-B56.12 #40040074
Aqua Flo Gen H6-25	RL-600HO #40040021	RQ-600 #40040044	RCHO-B56.12 #40040074
Aqua Flo Gen H6-40	RL-950HO #40040022	RQ-950 #40040047	RCHO-B56.12 #40040074

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.

GEN4-8R1

GEN4-8R12

GENH4-13R2

GENH4-13R22

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 sytems)

- "Future-proof" expandibility 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.)

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

AQUA FLO GEN-4, UV/Filter Rack System

MODEL	GEN4-8R1 40030061N	GEN4-8R12 40030062N	GENH4-13R2 40030063N	GENH4-13R22 40030064N
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	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 **22.1 gpm** (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 4-8R2	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

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.

GEN5-8R1

GEN5-8R12

GENH5-13R2

GENH5-13R22

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/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 in a splash-proof case

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

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 30 lpm 1.8 m³/hr.	8.0 GPM 30 lpm 1.8 m³/hr.	15.0 GPM 49.2 lpm 2.95 m³/hr.	15.0 GPM 49.2 lpm 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 **22.1 gpm** (84 lpm) (5.0 m³/hr.) for 1" port

Sample Screens

AQUA FLO — Residential UV

AQUA FLO — 98% UV Intensity

AQUA FLO — 375 Days Lamp Life Remaining

lamp expired 7 days ago — Call your Dealer for service

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 5-8R2	RL-330HO #40040019	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

Aqua Flo Ultraviolet Disinfection Systems

UVB Series™

AQUA FLO®

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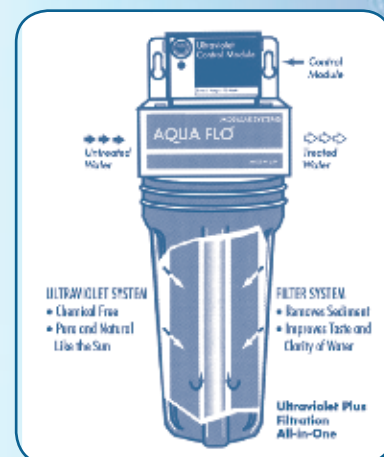
This compact All-in-One system installs with ease and can be used anywhere that clean, clear, good tasting disinfected water is needed. It is ideal for point-of-use applications like under the kitchen sink, office water coolers, water vending machines, boats, recreational vehicles, etc.

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

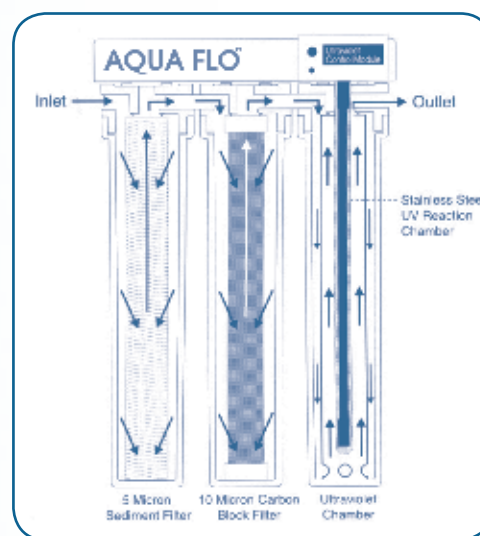| Part #	Model Description	# of Sumps	Sump Type	Sump 1	Sump 2	Sump 3	Lamp #	Power Used	Flow Rates[1] GPM (L/min)	Dimensions HxWxD In. (cm)	Shipping Weight LBS. (kg)	Inlet/ Outlet Size
15610111	UVB1-EPCB	1	#10	EPCB Carbon/UV	None	None	# 11	14 Watts	2 (7.6)	15 x 5.5 x 5.5 (38.1 x 14 x 14)	10.0 (4.5)	3/8" 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 Noramlly 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/cm2 or greater.

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.

AQUA FLO®

Specifications & Performance UV20 Series

Part #	Model Description	# of Sumps	Sump Type	Sump 1	Sump 2	Sump 3	Lamp #	Power Used	Flow Rates[1] 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/cm2 or greater.

Aqua Flo Ultraviolet Disinfection Systems

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, to be 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.

AQUA FLO®

Specifications & Performance UV BigBoy Series

Part #	Model Description	# of Sumps	Sump Type	Sump 1	Sump 2	Sump 3	Lamp #	Power Used	Flow Rates[1] 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[1] GPM (L/min)	Dimensions HxWxD In. (cm)	Shipping Weight LBS. (kg)	Inlet/Outlet Size
UVBB-R1	4	#20BB	empty[2]	empty[2]	empty[2]	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[2]	empty[2]	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"

Aqua Flo Ultraviolet Disinfection Systems

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[1] 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/cm2 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

AQUA FLO®

Specifications & Performance UV ADDON Series

Part #	Model Description	# of Sumps	Sump Type	Sump Content	Lamp #	Power Used	Flow Rates[1] 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/cm2 or greater.