

Customized Drinking Water

AQUVTM
by AQUA FLO[®]

AQUA FLO[®]

Aqua Flo
Ultraviolet
Disinfection
Systems



Professional Grade Ultraviolet Disinfection Systems



Models: AQUUV-8, AQUUV-12, AQUUV-20

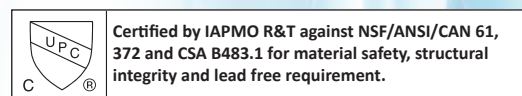
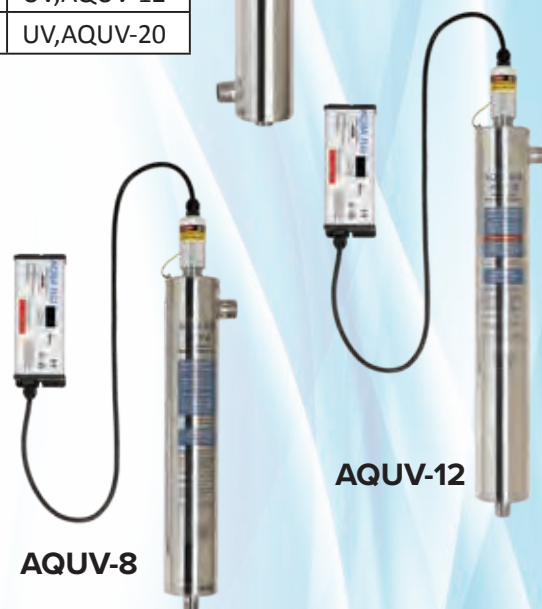
A Security System For Your Water

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.

Item #	Description
40030101	UV,AQUUV-8
40030102	UV,AQUUV-12
40030103	UV,AQUUV-20

Residential Systems Features:

- ➔ Three models available (8gpm, 12gpm, & 20gpm)
- ➔ Treats water for whole house without chemicals
- ➔ Integral lamp life monitor with digital display. Includes both audible and visual lamp life indicator.
- ➔ Compact design with high quality stainless steel chamber
- ➔ Flow rates stated at 95% UVT at a dose of 30mJ/cm2
- ➔ Maintenance is simple and can be performed in minutes without use of tools
- ➔ Patented high output UV lamps designed and engineered for high disinfection performance
- ➔ Efficient microprocessor controlled ballast (one controller for all systems) with audible alarm and visual lamp failure indicator to show end of lamp life
- ➔ Consistent UV output over voltage and frequency variations



Category	AQUUV-8	AQUUV-12	AQUUV-20
Maximum flow rate @ 30 mJ/cm2	8 gpm / 30 lpm	12 gpm / 45 lpm	20 gpm / 75 lpm
Maximum flow rate @ 40 mJ/cm2	5 gpm / 19 lpm	8 gpm / 30 lpm	12 gpm / 45 lpm
Lamp service life	9000 Hours		
Lamp Power	35 watt	45 watt	65 watt
Power Consumption	35 watt	45 watt	65 watt
Annual lamp change timer	Yes		
Lamp-ON Indicator	Yes		
Audio/Visual alarms	Yes		
Chamber material	304 Stainless Steel		
Chamber dimensions (D x L)	3.5" x 16.0"	3.5" x 20.0"	3.5" x 31.125"
Controller dimensions (L x W x D)	8" x 3" x 2.25"		
Inlet/Outlet port size	3/4"NPT		1" NPT
AC supply voltage	120V, 50/60Hz, 0.8A		
Maximum operating pressure	100psi		
Water temperature range	2 - 40°C (36-104°F)		
Shipping Weight	9lb / 4kg	10lb / 4.5kg	13lb / 5.9kg

Professional Grade Ultraviolet Disinfection Systems



A Security System For Your Water

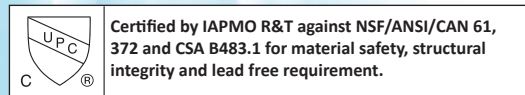
UV technology provides additional security for your water supply. It is proven to control microbiological (bacteria & virus) issues in water including **E.coli**, **Cryptosporidium**, and **Giardia Lamblia** without the use of chemicals.

Residential Systems Features:

- ➔ Seven models to choose from using either 8, 12 or 20 gpm UV's
- ➔ Treats water for whole house without chemicals
- ➔ Integral lamp life monitor with digital display. Includes both audible and visual lamp life indicator.
- ➔ Compact design with high quality stainless steel chamber
- ➔ Flow rates stated at 95% UVT at a dose of 30mJ/cm2
- ➔ Maintenance is simple and can be performed in minutes without use of tools
- ➔ Patented high output UV lamps designed and engineered for high disinfection performance
- ➔ Efficient microprocessor controlled ballast (one controller for all systems) with audible alarm and visual lamp failure indicator to show end of lamp life
- ➔ Consistent UV output over voltage and frequency variations

Combination UV / Filtration

Item #	Description	Stage 1	Stage 2	Stage 3
40030104	UV,AQUV-8R1	4.5 x 10" 5M Sediment	UV,AQUV-8	
40030105	UV,AQUV-8R12	4.5 x 10" 5M Sediment	4.5 x 20" 5M Carbon Block	UV,AQUV-8
40030106	UV,AQUV-8R22	4.5 x 20" 5M Sediment	4.5 x 20" 5M Carbon Block	UV,AQUV-8
40030107	UV,AQUV-12R2	4.5 x 20" 5M Sediment	UV,AQUV-12	
40030108	UV,AQUV-12R22	4.5 x 20" 20M Sediment	4.5 x 20" 5M Sediment	UV,AQUV-12
40030109	UV,AQUV-20R2	4.5 x 20" 5M Sediment	UV,AQUV-20	
40030110	UV,AQUV-20R22	4.5 x 20" 20M Sediment	4.5 x 20" 5M Sediment	UV,AQUV-20



Category	AQUV-8R1	AQUV-8R12	AQUV-8R22	AQUV-12R2	AQUV-12R22	AQUV-20R2	AQUV-20R22
Maximum flow rate @ 30 mJ/cm2	8 gpm / 30 lpm			12 gpm / 45 lpm		20 gpm / 75 lpm	
Maximum flow rate @ 40 mJ/cm2	5 gpm / 19 lpm			8 gpm / 30 lpm		12 gpm / 45 lpm	
Lamp service life	9000 Hours						
Lamp Power	35 watt			45 watt		65 watt	
Power Consumption	35 watt			45 watt		65 watt	
Annual lamp change timer	Yes						
Lamp-ON Indicator	Yes						
Audio/Visual alarms	Yes						
Chamber material	304 Stainless Steel						
Inlet/Outlet port size	3/4"NPT					1" NPT	
AC supply voltage	120V, 50/60Hz, 0.8A						
Maximum operating pressure	100psi						
Water temperature range	2 - 40°C (36-104°F)						
Installation Dimensions (H x W x D)	26" x 16" x 8.5"	26" x 24" x 8.5"	26" x 24" x 8.5"	26" x 16" x 8.5"	26" x 24" x 8.5"	37" x 16" x 8.5"	37" x 24" x 8.5"
Chamber dimensions (D x L)	3.5" x 16.0"			3.5" x 20.0"		3.5" x 31.125"	
Controller dimensions (L x W x D)	8" x 3" x 2.25"						
Shipping Weight	26.5lb / 12kg	46lb / 21kg	49.5lb / 22.5kg	30.5lb / 14kg	47.5lb / 21.5kg	36lb / 16.5kg	52lbs / 23.6kg

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

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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 Residential Systems

Genesis H2O: Ultraviolet Disinfection System

AQUA FLO®	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	0.7-10.3 bar (10-150 psi)					
Operating Water Temperature	2-40° C (36-104° F)					
Temperature Mgmt. Valve	NA	PN# 40040099	PN# 40040100		PN# 40040101	
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)

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

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/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



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%

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Aqua Flo Gen H4 Residential Systems

Genesis H2O: Ultraviolet Disinfection System

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

Aqua Flo Gen H4P 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



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 H4P Residential Systems

Genesis H2O: Ultraviolet Disinfection System

AQUA FLO®	AQUA FLO Gen H4P System Equipment Specifications	
MODEL	GenH4-10P 40030065	GenH4-15P 40030066
Flow Rate 30mJ/cm ₂ @ 95% UVT	10 gpm	15 gpm
	38 lpm	56.8 lpm
	2.3 m ₃ /hr	3.4 m ₃ /hr
Flow Rate 40mJ/cm ₂ @ 95% UVT	7.0 gpm	11 gpm
	26 lpm	42 lpm
	1.6 m ₃ /hr	2.5 m ₃ /hr
Port Size	1" MNPT	1"MNPT
Electrical	90-265v / 50-60Hz	
Lamp Power (Watts)	34	45
Power (Watts)	38 (36 @ 230V)	57 (48 @ 230V)
Replacement Lamp	40040019	40040020
Replacement Sleeve	40040041	40040042
Reactor Dimensions	8.9 x 41.8 cm (3.5 x 16.5")	8.9 x 50.8 cm (3.5 x 20.0")
Chamber Material	304L 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
Lamp Change Reminder	YES	
Lamp Out Indicator	YES	
Shipping Weight	5.4 kg (11.9 lbs)	6.0 kg (13.2 lbs)

* For specialty UV applications including hot water, low UVT or TOC, talk to your regional sales manager.

REPLACEMENT PARTS

System	Lamps	Sleeves	Controller
Aqua Flo Gen H4-10P	40040019	40040041	40040075
Aqua Flo Gen H4-15P	40040020	40040042	40040075

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 Gen 5 Residential Systems

Genesis H2O: Ultraviolet Disinfection System

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 ¾" 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-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 Systems

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



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 H5 Residential Systems

Crossover High Flow Systems

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 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 ¾" 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 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 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 H5-5	RL-210HO #40040018	RQ-210 #40040039	RCHO-B56.12 #40040074
Aqua Flo Gen H5-10	RL-330HO #40040019	RQ-330 #40040041	RCHO-B56.12 #40040074
Aqua Flo Gen H5-15	RL-420HO #40040020	RQ-420 #40040042	RCHO-B56.12 #40040074
Aqua Flo Gen H5-25	RL-600HO #40040021	RQ-600 #40040044	RCHO-B56.12 #40040074
Aqua Flo 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):
 - 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 6 Residential Systems

AQUA FLO®	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/cm ² @ 95% UVT)	11 GPM 41 lpm 2.5 m ³ /hr.	20 GPM ¹ 77 lpm ¹ 4.6 m ³ /hr. ¹	30 GPM ² 113.6 lpm ² 6.8 m ³ /hr. ²	39.2 GPM ² 150 lpm ² 8.9 m ³ /hr. ²
UV Flow Rate (@ 30 mJ/cm ² @ 95% UVT)	6 GPM 22.7 lpm 1.4 m ³ /hr.	11 GPM 41 lpm 2.5 m ³ /hr.	15 GPM 56.8 lpm 3.4 m ³ /hr.	21 GPM 79 lpm 4.8 m ³ /hr.
UV Flow Rate (@ 40 mJ/cm ² @ 95% UVT)	4.4 GPM 17 lpm 1.0 m ³ /hr.	8.3 GPM 31 lpm 1.9 m ³ /hr.	12 GPM 45.4 lpm 2.7 m ³ /hr.	16 GPM 59 lpm 3.6 m ³ /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 m ³ /hr.) for ¾" 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 m ³ /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-6 controller. The sensor plugs directly into the controller and is mounted in the sensor port located on all 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):
 - 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 H6 Residential Crossover High Flow Systems

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 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 (UV) disinfection 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.

Gen 4 UV/Filter Rack System Features:

- ➔ Four models provide a range of flow rate and filter combination options suitable for your specific needs
- ➔ Includes new one-piece, 2-sump design for leak free operation, (pressure relief, wrench, and new integral hanging clip included with all systems)
- ➔ LED lamp countdown (4.1 variants)
- ➔ 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

AQUA FLO®	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	RQ-420	RC-B4.01
	#40040096	#40040042	#40040112
Aqua Flo Gen 4-8R12	RL-330HO	RQ-420	RC-B4.01
	#40040019	#40040042	#40040112
Aqua Flo Gen 4-13R2	RL-420HO	RQ-420	RC-B4.01
	#40040020	#40040042	#40040112
Aqua Flo Gen 4-13R22	RL-420HO	RQ-420	RC-B4.01
	#40040020	#40040042	#40040112

Aqua Flo Gen 4P UV/Filter Rack System

A Combination Water System For Your Entire Home or Cottage

Combining ultraviolet (UV) disinfection 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.

Gen 4P UV/Filter Rack System Features:

- ➔ Two models provide a range of flow rate and filter combination options suitable for your specific needs
- ➔ Includes new one-piece, (pressure relief, wrench, and new integral hanging clip included with all systems)
- ➔ LED lamp countdown (4.1 variants)
- ➔ Universal mounting configuration (left or right access)
- ➔ NSF component listed filtration cartridges (included with systems)
- ➔ Axial flow, 304L stainless steel polished reactors, fully polished, designed & manufactured to ASME pressure vessel standards
- ➔ Reliable, industry proven, coated UV lamps, (9000-hours on 8 gpm / 10,000 on 15 gpm unit)



Gen H4-15R2P



GEN4-8R1P

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 4P UV/Filter Rack System

 AQUA FLO Gen 4P UV/Filter Rack System Equipment Specifications		
AQUA FLO GEN-4, UV/Filter Rack System		
MODEL	GenH4-8R1P 40030067	GenH4-15R2P 40030069
Flow Rate (@ 30 mJ/cm ² @ 95% UVT)	8.0 GPM	15.0 GPM
	30.3 lpm	56.8 lpm
	1.8 m ³ /hr.	3.4 m ³ /hr.
1st Filter Housing	10" 5 Micron Sediment 26235	20" 5 Micron Sediment 26239
2nd Filter Housing	N/A	N/A
Port Size	1" MNPT	
Electrical	90-265V/50-60Hz.	
Plug Type	American, Nema 5/15, 3 wire for all 110V systems	
Lamp Watts	20 (Standard-Output Lamp)	45 (High-Output Lamp)
Power (watts)	23 (21 @ 230V.)	57 (48 @ 230V.)
Max Current (amps)	1	
Chamber Dimensions	3.5 x 20" (8.9 x 50.8 cm)	3.5 x 20" (8.9 x 50.8 cm)
Chamber Material	Polished 304L 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 gpm: 11.3 kg / 25 lbs	15gpm: 12.4 kg / 27.4 lbs
Note: Based on flow velocity of 8.2 ft/sec (2.5 m/sec.), flow rate limited to 15 gpm (57 lpm) (3.4 m³/hr.) for 1" port		

REPLACEMENT PARTS

System	Lamp	Sleeve	Controller
GEN4-8R1P	40040096	40040042	40040112
GENH4-15R2P	40040020	40040042	40040075

Aqua Flo Gen 5 UV/Filter Rack System

A Combination Water System For Your Entire Home or Cottage

Combining ultraviolet (UV) disinfection 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.

Gen 5 UV/Filter Rack System 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



GEN5-8R1



GEN5-8R12



GENH5-13R2



GENH5-13R22

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 5 UV/Filter Rack System

AQUA FLO®	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	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 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-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 # 40040006N)



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 GenH5-13R2	RL-420HO #40040020	RQ-420 #40040042	RCHO-56.12 #40040074N
Aqua Flo GenH5-13R22	RL-420HO #40040020	RQ-420 #40040042	RC-B56.01 #40040066N

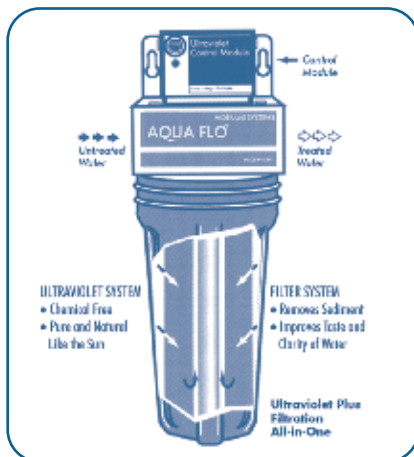
Aqua Flo Ultraviolet Disinfection Systems

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 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 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/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.

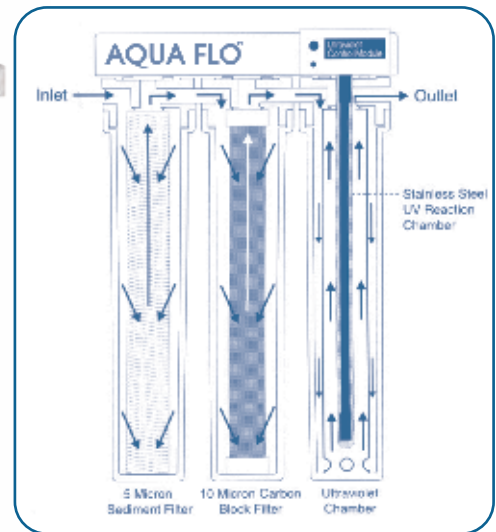
This ultraviolet water treatment system makes a perfect companion to water softeners, distillers, reverse osmosis and ozone systems. The UV20 Series has proven to be Aqua Flo Product's most popular product line and has created an industry standard in whole house disinfection.

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 Aqua Flo 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 three (3) warranty except on electrical components which are covered for a period of one (1) 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 great 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 one (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 one (1) or 3 GPM three (3) gallons per minute 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.