AQUA FLO®

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

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	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	#40040013	#40040039	#40040112
Aqua Flo Gen 4-3	#40040013	#40040040	#40040112
Aqua Flo Gen 4-6	#40040014	#40040043	#40040112
Aqua Flo Gen 4-10	#40040015	#40040045	#40040112
Aqua Flo Gen 4-15	#40040017	#40040047	#40040112
Aqua Flo Gen 4-20	#40040016	#40040046	#40040112

Your Local Water Specialist

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