

# AQUA FLO®

## Aqua Flo Ultraviolet Disinfection Systems: 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 Lambli***a without the use of chemicals. Combining UV disinfection with whole-house sediment and/or carbon pre-treatment filters improves UV performance and the taste, smell and clarity of your water.

### Features:

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



GEN4-8R1



GEN4-8R12



GENH4-13R2



GENH4-13R22

### 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/cm <sup>2</sup> @ 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 m <sup>3</sup> /hr.	1.8 m <sup>3</sup> /hr.	2.95 m <sup>3</sup> /hr.	2.95 m <sup>3</sup> /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 36091	N/A	20" High Capacity Carbon 36091
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.)
<b>Note:</b> Based on flow velocity of 8.2 ft/sec (2.5 m/sec.), flow rate limited to <b>22.1 gpm</b> (84 lpm) (5.0 m <sup>3</sup> /hr.) for 1" port				



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	#40040096	#40040042	#40040112
Aqua Flo Gen 4-8R12	#40040096	#40040042	#40040112
Aqua Flo Gen 4-13R2	#40040020	#40040042	#40040112
Aqua Flo Gen 4-13R22	#40040020	#40040042	#40040112



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