AQUA FLO®

Aqua Flo Ultraviolet Disinfection Systems: Gen 4P UV/Filter Rack System

A Combination Water System For Your Entire Home or Cottage

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

Features:

◆ **Two models provide a range of flow rate and filter combination options suitable for your specific needs**

◆ **NEW filter design, includes new one-piece, (pressure relief, wrench, and new integral hanging clip included with all systems)**

◆ **NEW LED lamp countdown (4.1 variants)**

◆ **Universal mounting configuration (left or right access)**

◆ **NSF component listed filtration cartridges (included with sytems)**

◆ **Axial flow, 304L stainless steel polished reactors, fully polished, designed & manufactured to ASME pressure vessel standards**

◆ **Reliable, industry proven, coated UV lamps, (9000 hrs on 8 gpm / 10,000 on 15 gpm unit)**

Gen H4-15R2P

GEN4-8R1P

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 Gen4-8R1P
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

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Your Local Water Specialist