

AQUA FLO®

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.



All Aqua Flo Products Feature:

- ◆ Water disinfection
- ◆ Easy to change lamp and filters
- ◆ Lamp and ballast matched for quality assurance
- ◆ Simple installation

These systems are for the supplemental treatment of disinfected drinking water which has been treated or other drinking water which has been tested and deemed acceptable for human consumption by the state or local health agency having jurisdiction. These systems are designed to reduce normally occurring non-pathogenic nuisance organisms and is not intended for the treatment of contaminated water. The contaminants and other substances reduced by this water treatment device are not necessarily in your water. In addition, the presence of certain contaminants in your drinking water does not necessarily pose a health risk.

Aqua Flo is an advanced Ultraviolet Water Treatment System. It has been designed with you, the consumer, in mind. Aqua Flo Products are lightweight, easy to use and simple to maintain. Aqua Flo Products will provide you with clean, disinfected drinking water for years to come.

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



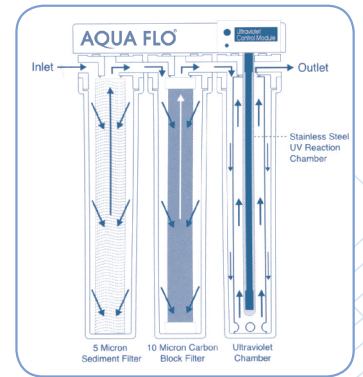
Options:

- ◆ 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.

Conditions For Use

Source Water Supply Profile		Chemical Parameters	Max mg/L
Feed Water Pressure†	20 – 75psig (138 – 517kPa)	Hardness (CaCO3)	< 120 (7 GPG)
Feed Water Temperature	38° – 105°F (3.3° – 40.5°C)	Iron (Fe)	< 0.3
pH Range	6.5 – 9.5	Manganese (Mn)	< 0.05
Total Dissolved Solids	< 1500 mg/L	† Water Pressure must not exceed 75 psig (517 kPa) or a pressure regulator must be installed.	
Total Suspended Solids	< 10 mg/L		
Turbidity	< 5 NTU		

U.S. Patent #4,971,687



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.

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