

AQUA FLO®

Aqua Flo Ultraviolet Disinfection Systems: UV EPCB Series™



Aqua Flo Product's UV1-EPCB Series is a bright 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 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.

Source Water Supply Profile		Chemical Parameters		Max mg/L
Feed Water Pressure†	20 – 75psig (138 – 517kPa)	Hardness (CaCO ₃)	< 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			

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 Ultraviolet Disinfection Systems: 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 or 3 GPM 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

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



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.

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