Aquatronic™

SV-Series • UV Water Disinfection Systems

Aquatronic™ SV-Series

UVC Germicidal Water Treatment Systems provide safe, potable water for your home.

Flow control assures effective disinfection.

UVLampMonitor reminds when to change UV lamps and sounds an alarm if the lamp is not on. Includes connection for water shut-off option.

Aquatronic™ UV kills germs in your water without adding chemicals that can adversely affect taste, health and the environment.

UltraVation®

Professional Water Treatment Products

ultravation.com

Ultravation UV Water Disinfection: Performance you can count on for years to come

Ultravation Aquatronic™ SV-Series UV Disinfection Systems use ultraviolet light to disinfect household water and are designed to provide consistent potable water for drinking, cooking and bathing. Aquatronic™ systems are particularly useful for treating well and spring-fed water systems where bio-contamination is always a potential problem. We recommend water testing be performed and analyzed by a water quality professional.

UV Monitor System

The SV-Series features the Ultravation® UVLampMonitor that displays lamp status with alarm if lamp goes out for any reason. It also reminds when the lamp needs to be changed and the quartz sleeve cleaned. It also features connections for an optional solonoid valve that will stop water flow when the UV lamp is not operating.

16,000 microwatt(µw) UV dose

Aquatronic™ UV systems produce 16,000µw/cm² of UV energy. Ultravation UltraMAX™ UV lamps are encased in precision cut, fire polished quartz sleeves that maximize microbe exposure to the germicidal wavelengths of UVC light.

Electropolished stainless steel construction

Ultravation water disinfection chambers are fabricated to industrial standards from 304 stainless steel utilizing plasma arc fusion welding for uncontaminated welds and are electropolished and passivated for unsurpassed strength and food grade quality.

Electronic ballast

The electronic ballast assures UV output performance for stability over a wide range of voltage fluctuations. Designed to optimize reliability and maximize UV output over the life of the lamp.

Installation

SV models install vertically or horizontally, after the pressure tank and any other treatment devices (such as softeners or filters), and before the point of first potable water use. The UV lamp and quartz sleeve remove from the top of the unit for easy maintenance.

Additional features:

- Adds no chemicals or other substances to the water
- 10 gpm (SV-10) or 20 gpm (SV-20) capacities
- 9000 hour (approx one year) UV lamp life
- UV viewport compression nut
- Mounting brackets included
- Installs using standard household fittings
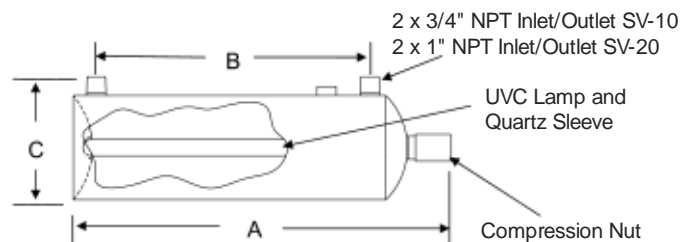- Low power consumption

Technical Specifications
Both models produce 16,000µw/cm² dosage at rated flow

SV-Series Models	Maximum Flow Rate Clear Fresh Water		Lamp Hours	ELECTRICAL AMP 120 VAC	KW 120 VAC	INLET/ OUTLET SIZE	OPERATING PRESSURE PSI	ATMOS	DIMENSIONS A x B x C	SHIPPING WEIGHT	
SV-10	10 GPM	2.3 m³h	9,000	0.35	0.042	3/4" NPT	125	9.0	20.625" x 15" x 6.8"	7lbs	3kgs
SV-20	20 GPM	4.6 m³h	9,000	0.5	0.06	1" NPT	125	9.0	35" x 28.9" x 7"	10lbs	5kgs

SV-20

SV-10

Product Dimensions

2 x 3/4" NPT Inlet/Outlet SV-10
2 x 1" NPT Inlet/Outlet SV-20

UVC Lamp and Quartz Sleeve

Compression Nut

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