



Aquatronic™

SV-Series • UV Water Disinfection Systems



Aquatronic™ SV-Series

UVC Germicidal Water Treatment Systems provide safe, potable water at two flow rates.

- Electropolished 304 stainless steel vessel
- Flow control
- UV Lamp Monitor
- Solenoid valve option

Aquatronic™ UV kills microorganisms 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 are designed to consistently provide quality water for potable and laboratory applications. Aquatronic™ systems are recommended anywhere bio-contamination is a potential problem. We recommend water testing be performed and analyzed by a water quality professional.



standards from 304 stainless steel utilizing plasma arc fusion welding for uncontaminated welds. They are electropolished and passivated for unsurpassed strength and for food grade quality applications.

Electronic ballast

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

UV Monitor System

The SV-Series features the Ultravation® UV Lamp Monitor 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. Connections are provided for an optional solenoid valve that will stop water flow when the UV lamp is not operating (all versions).

Installation

SV models install vertically or horizontally, after the pressure tank and/or 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.

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.

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

Electropolished stainless steel construction

Ultravation water disinfection chambers are fabricated to industrial

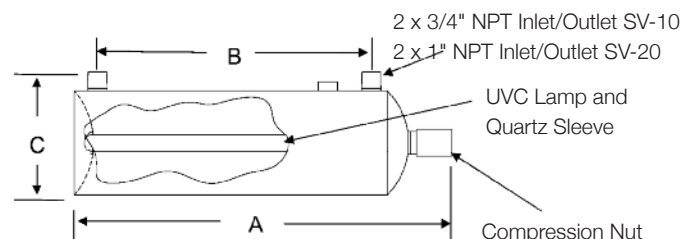
Technical Specifications

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

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



Product Dimensions



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