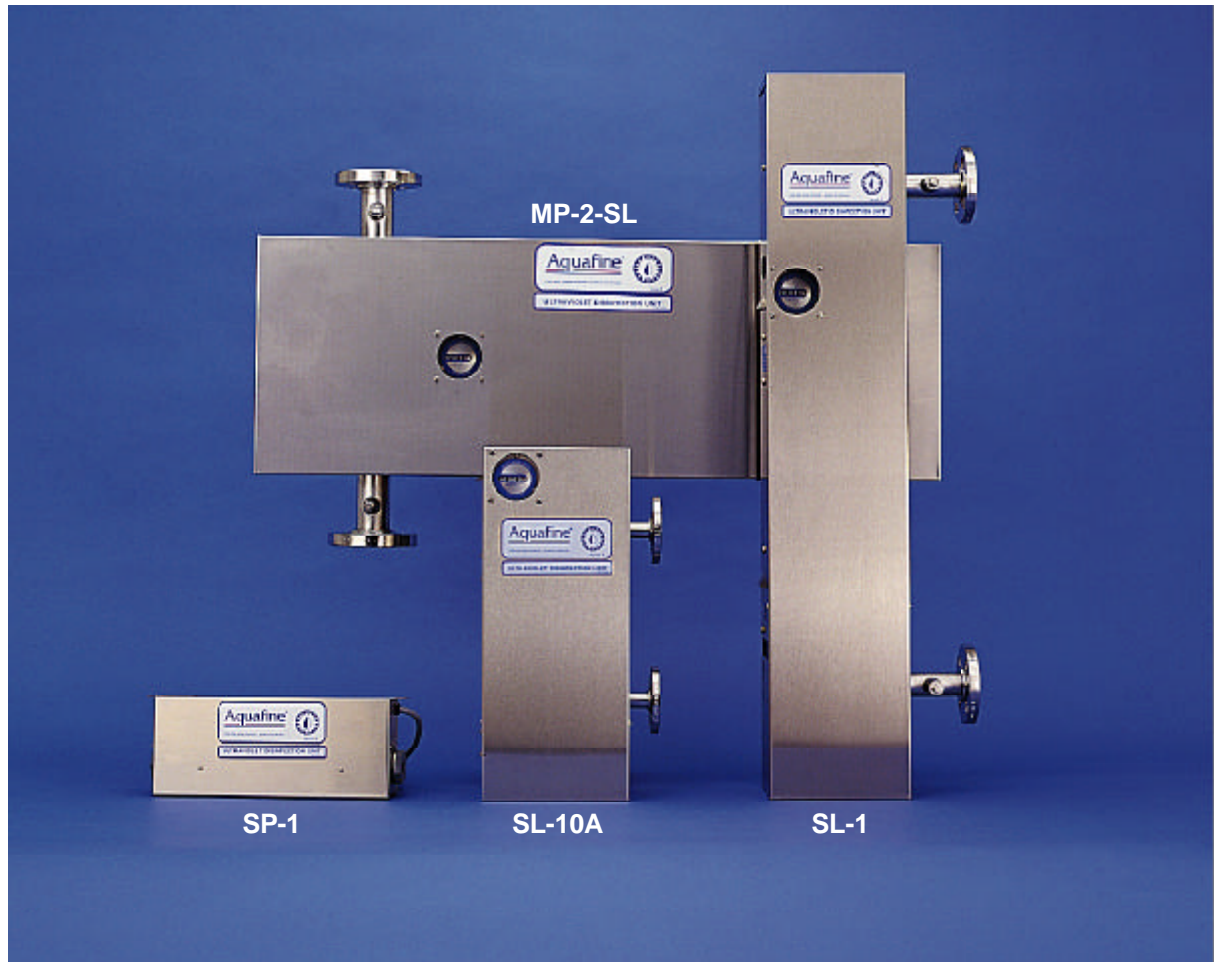




# Aquafine® Corporation

MODEL SP & SL SERIES UV UNITS



*Aquafine Models SP-1, SL-10A, SL-1 and MP-2-SL Ultraviolet Water Treatment Units*

SP and SL Series units provide a compact design and economical ultraviolet water treatment for low-flow applications, such as laboratory and medical facility water, pharmaceutical make-up processes, final electronic component rinsing and recirculation loops, to name a few.

The SP Series models produce little change in water temperature, even after prolonged periods of no water flow, making them ideal for such applications as water for vending machines.

The SL-1 and MP-2-SL models may also be configured for TOC reduction or ozone destruction applications found in high purity or ultrapure water processes.

The SP and SL Series are available in five standard models with flow rates ranging from 1 to 24 U.S. GPM (0.2 to 5.5 m<sup>3</sup>/hr.). Please see the reverse side of this sheet for specifications, features and options.

## FEATURES

- UL Listed
- CE Listed
- UV Intensity Sensor (optional on SL models only)
- 316L Stainless Steel, Electropolished and Passivated (optional on SL models only)
- Validated UV Lamps (optional on SL models only)
- Quick Lamp Change-Out Time
- Compact Design

For more information or to place an order, please contact our Customer Service Department or your local Aquafine representative.



29010 Avenue Paine • Valencia, CA 91355-4198  
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# SP & SL (LOW FLOW) SERIES

Specification	SP-1	SP-2	SL-10A	SL-1	MP-2-SL
Maximum Capacity Clear Fresh Water (C of A 0.06)	1 GPM .22 m <sup>3</sup> /hr.	2 GPM .44 m <sup>3</sup> /hr.	3 GPM .68 m <sup>3</sup> /hr.	10 GPM 2.3 m <sup>3</sup> /hr.	20 GPM 4.5 m <sup>3</sup> /hr.
Distilled DI / RO Water (C of A 0.01)	1 GPM .22 m <sup>3</sup> /hr.	2 GPM .44 m <sup>3</sup> /hr.	4 GPM .90 m <sup>3</sup> /hr.	12 GPM 2.7 m <sup>3</sup> /hr.	24 GPM 5.5 m <sup>3</sup> /hr.
Shipping Weight lbs (kg)	7 (3.2)	7 (3.2)	24 (11)	42 (19)	60 (28)
Shipping Size L x W x H ft <sup>3</sup> (m <sup>3</sup> )	16 x 10 x 6 .56 (.02)	16 x 10 x 6 .56 (.02)	23 x 14 x 10 1.8 (0.06)	42 x 13 x 17 5.4 (0.16)	42 x 12 x 25 7.0 (0.2)
Number of UV Lamps	1	1	1	1	2
Total Current @ 120 (240) VAC	.14 (.16)	.38 (.36)	.40 (.20)	.51 (.27)	.80 (.63)
Total Power @ 120 (240) VAC	17 (38)	46 (83)	48 (47)	61 (64)	96 (151)
Inlet / Outlet Size in Inches	3/8 FPT	3/8 FPT	1/2 S.S. Flange	1 S.S. Flange	1 1/2 S.S. Flange
Overall Dimensions L x W x H Including Mounting Brackets Inches (cm)	14 x 4 x 5 (36 x 9 x 13)	14 x 4 x 5 (36 x 9 x 13)	10 x 6 x 19 (26 x 16 x 48)	14 x 7 x 38 (36 x 17 x 97)	38 x 7 x 21 (97 x 18 x 53)
Cabinet Housing Material	304 S.S.	304 S.S.	304 S.S.	304 S.S.	304 S.S.
Treatment Chamber Material (wetted parts)	Quartz	Quartz	Quartz	Quartz	Quartz
S-254 UV Optical Sensor	N/A	N/A	Optional	Optional	Optional
Temperature Safety Control	N/A	N/A	Optional	Optional	Optional
Lamp Out Alert Circuit	Optional	Optional	Optional	Optional	Optional
4-20 mA Output Signal*	N/A	N/A	Optional	Optional	Optional
Sanitary Fittings	N/A	N/A	Optional	Optional	Optional
UV Dosage Microwatt Seconds / cm	>22,000****	>22,000****	>30,000**	>30,000**	>30,000**
Maximum Operating Pressure	120 psig (8.3 bar)	120 psig (8.3 bar)	150 psig (10.34 bar)	150 psig (10.34 bar)	150 psig (10.34 bar)
<p>*Must be ordered with S-254 UV Optical Sensor Option</p> <p>**After 8,000 hours operation based on a coefficient of absorption of 0.06 at 254 nm.</p> <p>***After 4,400 hours operation based on a coefficient of absorption of 0.06 at 254 nm.</p> <p>Optional features are available at an additional charge.</p>					



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