



## TRIDENT™ ULTRAVIOLET SERIES 1 UV Sanitation System

**Trident™ Ultraviolet** raises the bar with the introduction of the Series 1 Ultraviolet sanitation system. With features not found in any other UV sanitation system, and convertibility from one lamp to four lamps, the Series 1 system takes swimming pool, spa, water feature, fountain and pond sanitation to a new level. Using the latest UV low pressure high output UV technology, 13,000 hour lamp life makes the Series 1 systems some of the UV industries easiest to operate, easiest to maintain, and most reliable UV systems available. Suitable for indoor and outdoor operation, this small footprint UV system becomes an obvious choice for the user who demands the best.





With its 100% corrosion-resistant and UV inhibited dual reactor design, the Series 1 system incorporates features not found in other UV systems. Removable Inlet/Outlet unions, the ability to increase the system lamp wattage in the field, a corrosion-resistant polymeric exterior, Stainless Steel inner reactor reflector for increased intensity, pressure gauge, automatic ON/Off power, and plug in electrical components make the Series 1 a true state-of-the-art UV sanitation system.

With the successful history of Ultraviolet sanitation in the field, and its environmentally friendly technology, Ultraviolet sanitation of a varied array of recreational water bodies has become the prime sanitation method of choice for users and a variety of industries. We invite you to compare the Trident™ Ultraviolet Series 1 UV system against all others. With its superior design and high output long life lamps, we are confident that once you compare, the Series 1 UV system will quickly become the obvious choice. Enjoy the convenience, reliability, and health benefits that the Series 1 UV system provides for your project.

Model	Part Number	Voltage	Lamps	Flow	Model	Part Number	Voltage	Lamps	Flow
S1-11	35-810011	120V/50/60Hz	1	44 GPM/10m3/hr	S1-13	35-810013	120V/50/60Hz	3	128 GPM/29.1m3/hr
S1-21	35-810021	230V/50/60Hz	1	44 GPM/10m3/hr	S1-23	35-810023	230V/50/60Hz	3	128 GPM/29.1m3/hr
S1-12	35-810012	120V/50/60Hz	2	84 GPM/19.1m3/hr	S1-14	35-810014	120V/50/60Hz	4	168 GPM/38.2m3/hr
S1-22	35-810022	230V/50/60Hz	2	84 GPM/19.1m3/hr	S1-24	35-810024	230V/50/60Hz	4	168 GPM/38.2m3/hr

All capacities are nominal

### Series 1 Features:

- Compact size (5-<sup>3</sup>/<sub>8</sub> x 14-<sup>3</sup>/<sub>8</sub> x 27 in. – 13.5 x 36.5 x 68.7 cm)
- Both 120V/50/60Hz and 230V/50/60Hz operating voltage systems available
- Available in 4 capacities from 44 GPM to 168 GPM (10 m3/hr to 38.2 m3/hr)
- 100% corrosion-resistant polymeric exterior
- UV Inhibited dual reactor with Stainless Steel lamp reflectors
- 13,000 hour long life UV-C lamps for lowest operating cost
- State-of-the-art electronic ballast(s)
- Dual scale PSI / kPa pressure gauge for system flow verification
- Modular electrical components
- Plug-in power cord with low power draw (1.15A @230V)
- Minimal pressure drop through dual tank interior
- Field convertible from one lamp to two, three, or four lamp systems
- Removable Inlet/Outlet unions supplied in both 2 in. and 63 mm sizes
- Automatic flow sensor switch eliminates time clock electrical interlocking
- Lamp ON indicator light
- Suitable for both indoor and outdoor installation
- Optional wall mounting kit available to conserve mechanical space
- Liberal 18 month Limited Warranty - including UV Lamp(s)



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