

Platinum SP Range Of UV Units

The **Platinum SP Range** of UV units is ideal for use in a multitude of commercial/ industrial applications, providing disinfection across a range of flow rates from 68.1 L/min upto 197 L/min, at a dosage of 30 mJ/cm².



The units in the Platinum SP range utilise the feature-laden Platinum™ controller coupled with the Flow-Pace™ UV intensity monitor. This combination allows for 2 stage flow pacing, whereby half-power is provided to the UV lamps in conditions of no flow and full-power when the water is running. This allows the system to operate with minimal power requirements and reduced heat build-up.

The Platinum™ controller provides constant output current and a universal power input (100-250V, 50-60 Hz.), as well as visually displaying % UV intensity, remaining lamp life and total hours of operation. The system comes with a set of volt free contacts allowing for external connection to a remote device such as a solenoid valve. Using high-output (HO) low pressure UV lamps, coupled with 304 stainless steel axial flow reactors, Platinum systems offer a compact installation footprint, yet provide a high flow throughput.

Lamp change is easily accomplished without interrupting the water flow and the over-moulded connector can be removed without any additional tools.

MODEL		SP320-HO	SP410-HO	SP600-HO	SP740-HO	SP950-HO
Maximum Design Flow Rate At Standard UV Dosage (30mJ/cm²)		68.1 lpm (4.1 m ³ /Hr)	90.8 lpm (5.4 m ³ /Hr)	132.5 lpm (8.0 m ³ /Hr)	158.9 lpm (9.5 m ³ /Hr)	196.8 lpm (11.8 m ³ /Hr)
Dimensions	Length	57.9 cm	66.0 cm	78.0 cm	100.1 cm	113.0 cm
	Diameter	8.9 cm				
	Controller	25.4 x 11.4 x 5.3 cm				
Inlet/Outlet Port Size		1" MNPT				1 ½" MNPT
Shipping Weight		6.8 kg	7.7 kg	8.6 kg	10.9 kg	13.1 kg
Electrical	Volts	100- 250V, 50-60Hz				
	Power Consumption	42 W	52 W	73 W	88 W	110 W
	Lamp Power	36 W	45 W	65 W	80 W	100 W
Ambient Temperature		2-40 °C				
Maximum Operating Pressure		8.62 bar				
Reactor Chamber Material		304 S.S.				
Communication Port		Yes				
Diagnostic Check		Yes				
Lamp Replacement Indicator		Yes				
Safety Interlock		Yes				
Dry Contacts		Yes				
Elapsed Time Meter	Total Hours	Yes				
	Countdown	Yes				
Flow Pacing		Yes				
UV Intensity Monitor		Yes				

UVO3 Ltd: Specialist suppliers of UV water disinfection equipment

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