

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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