

# Silver Plus Range Of UV Units With UV Sensors

The **Silver Plus Range** of UV units provide disinfection across a range of flow rates from 11 L/min upto 57 L/min at a dosage of 30 mJ/cm<sup>2</sup>.



This modular system incorporates a true 254 nm UV sensor coupled to a highly efficient electronic controller. The controller provides constant output current and a universal power input (100-240V /50-60Hz.), as well as visually displaying % UV intensity, remaining lamp life and total days of operation. The controller also incorporates a powered solenoid output that allows you to connect a 'normally closed' solenoid valve (sold separately) directly into the controller.

Additionally, an optional Y-cable is available that provides a 4-20mA output for a physical connection to a remote monitoring system. The controller is packaged in a water-tight case and is fully CE compliant.

The SSM range chambers are manufactured from polished, 304 stainless steel, pressure rated tube. Lamp change is easily accomplished without interrupting the water flow and the over-moulded connector can be removed without any additional tools.

MODEL		SSM-17	SSM-24	SSM-37	SSM-39
Maximum Design Flow Rate At Standard UV Dosage (30mJ/cm <sup>2</sup> )		11.0 lpm (0.7 m <sup>3</sup> /Hr)	22.7 lpm (1.4 m <sup>3</sup> /Hr)	37.9 lpm (2.3 m <sup>3</sup> /Hr)	57.0 lpm (3.4 m <sup>3</sup> /Hr)
Dimensions	Length	43.4 cm	56.1 cm	90.4 cm	95.3 cm
	Diameter	6.5 cm	6.5 cm	6.5 cm	8.9 cm
	Controller	21.1 x 8.1 x 6.4 cm			
Inlet/Outlet Port Size		1/2" MNPT	3/4" MNPT	3/4" MNPT	1" MNPT
Shipping Weight		3.2 kg	3.6 kg	5.0 kg	5.9 kg
Electrical	Volts	100 - 240V 50-60Hz			
	Power Consumption	19 W	26 W	39 W	42 W
	Lamp Power	17 W	24 W	37 W	39 W
Ambient Temperature		2-40 °C			
Maximum Operating Pressure		8.62 bar			
Audible Lamp Failure		Yes			
Visual "Power On"		Yes			
Reactor Chamber Material		304 S.S.			
UV Intensity Monitor		Yes			
Lamp Type		Standard output			
Powered Solenoid Output		Yes			
Visual Lamp Life Remaining		Yes			
Total Running Time		Yes			
4-20mA Output		Yes (with optional cable #260134)			

**UVO3 Ltd: Specialist suppliers of UV water disinfection equipment**

Feb '09



**UVO3 Ltd**  
Tel: +44 (0)1480 355446  
E-mail: sales@uvo3.co.uk

Fax: +44 (0)1480 353487  
Web: www.uvo3.co.uk