

## SATEPA UV STERILIZER

UV steriliser suitable for water debacterialisation using UV-C radiation with a wavelength of 254nm. Equipped with a *low-pressure mercury vapour lamp* contained in high-quality quartz sleeves and driven by plug-in power supply or integrated digital LCD display power supply with optional irradiance and temperature sensor.

Maximum capacity:	2.8 m <sup>3</sup> /h - 2800 l/hr - 12.30 GPM @ 30,000 μWsec/cm <sup>2</sup> 2.4 m <sup>3</sup> /h - 2400 l/hr - 10.60 GPM @ 40,000 μWsec/cm <sup>2</sup>
Lamp:	1x40W, life hours 9,000 Hr
Square dimensions:	200 x 160 D= 90 mm (version 'D' with LCD panel) 65 x 12 mm H=60 mm (version 'A' with plug-in power supply) IP 54
Degree of protection:	40 watts
Absorption:	230 Vac ± 10% @ 50/60 Hz
Supply voltage: Chamber dimensions: Working position: Hydraulic connection: Maximum pressure:	Total H 914 mm ; Ø 60.30 mm Vertical / horizontal 1" male threaded 10 Bar standard AISI 304 (AISI 316 optional)



### UVC40A - ADAPTOR WITH PLUG-IN POWER SUPPLY UNIT

Easy-to-install plug-in power supply High-efficiency electronic ballast Lamp monitoring with red/green LEDs SCHUKO/EU plug (*feed-through cable optional*)



### UVC40D - DIGITAL LCD CONTROL PANEL

Single lamp management with end of lamp life alarm with LED/relay Total lamp life and partial lamp life hours counter resettable Stand By control with 'OK' button  
Remote ON/OFF control (e.g. flowmeter)  
Solenoid valve control with 230 Vac power relay in exchange @ 0.250 A  
Lamp change counting  
White/blue backlit LCD display 2x8 characters  
Dry contact alarm relay 1 A @ 30Vdc; 0.250 A @ 230 Vac



### OPTIONAL ITEMS AND CUSTOMISATION

Radiation and temperature sensor  
UV-C intensity and temperature management (with alarm thresholds) 4-20mA proportional output for temperature and irradiance Acoustic alarm  
Customer name on display when switching on

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