



SATEPA UV Steriliser MULTI UVC520D - Display LCD

Product price:

2.123,00 € tax excluded

Product description:

SATEPA Multi UV Sterilizer UVC520D - LCD Display

SATEPA Multi UVC520D UV Sterilizer - LCD Display: Power and safety for large volumes of water

The UVC520D Multi UV Sterilizer - LCD Display by SATEPA represents the ideal solution to ensure the disinfection of large volumes of water efficiently and safely in various applications. With its 6 low pressure mercury vapor lamps and advanced technology, this device is able to eliminate bacteria, viruses and other microorganisms from water, ensuring deep and complete disinfection.

Main features:

Proven effectiveness:

It uses the power of UV-C rays with a wavelength of 254 nm to eliminate bacteria, viruses and other microorganisms from water.

Maximum flow rate: 35 m³/h (35,000 l/m - 154.00 GPM) @ 30,000 μWsec/cm² and 28 m³/h (28,000 l/m - 123.30 GPM) @ 40,000 μWsec/cm², ensuring effective sterilization even for large volumes.

6 low pressure mercury vapor lamps:

They offer high sterilization power and a long life of up to 9,000 hours.

Single lamp management with end-of-life alarm via LED/relay ensures precise monitoring and efficient maintenance.





Reactor dimensions: Total H: 933 mm - Ø 168 mm.

Form factor: "Z" tube.

Working position: Vertical.

Hydraulic connections: 2½" male threaded (optional flange) ½" water drain.

Material: AISI 304 (AISI 316 optional) for high resistance and durability.

Digital control unit with 2x8 character white/blue backlit LCD display for easy viewing of the operating status.

Total system life hour counter and partial lamp life hour counter, resettable for precise maintenance control.

Lamp change count for efficient replacement management.

Stand By command with "OK" button for simple start and stop.

Remote ON/OFF control (e.g. flow meter) for greater flexibility.

Solenoid valve control with 230 Vac power relay in exchange @ 0.250 A for precise control of the water flow.

Technical features:

Maximum: 46 m³/h - 46,000 l/m - 202.50 GPM @ 30,000 µWsec/cm²

Reduced: 37 m³/h - 37,000 l/m - 163.00 GPM @ 40,000 µWsec/cm²

Number: 8

Power: 80W each

Lifespan: 9,000 hours

Dimensions: Total H: 933 mm - Ø 219 mm

Form factor: "Z" tube

Working position: Vertical

Hydraulic connections:

Inlet: 3" male thread (optional flange)

Water drain: ½"

Maximum pressure: 10 Bar standard

Material: AISI 304 (AISI 316 optional)

Framework dimensions: 240 x 310 x 125 mm

Display: 2x8 character white/blue backlit LCD

Single lamp management

End of lamp life alarm via LED/relay

Total system life hour counter





Partial lamp life hour counter (resettable)
Lamp change count
Stand By command with "OK" button
Remote ON/OFF control (e.g. flow meter)
Dry contact alarm relay 1 A @ 30Vdc; 0.250 A @ 230 Vac
IP rating: IP 54
Electrical absorption: 640 Watts
Power supply: 230 Vac \pm 10% @ 50/60 Hz

Commands: Looking for a UV steriliser with different features? Click [HERE](#).
Images and technical data purely indicative.

Product features:

Frequency (Hz): 50 / 60
Protection degree: IP54
Pressure (bars): 10
Lamps: 8 x 80 W
Power consumption (W): 640
Capacity (Lt/h): 37000 - 46000
Output voltage (VAC): 230
Reactor Dimensions: H totale: 933 mm - \varnothing 219 mm
Form: Z-pipe
job position: Vertical
lamp control: Gestione singola lampada con allarme fine vita lampada attraverso led/relè

