SATEPA UV Steriliser MULTI UVC160D - Display LCD

Product price:

1.175,00 € tax excluded

Product description:

SATEPA UV Multi Steriliser UVC160D - LCD Display

The SATEPA UV Multi UVC160D- LCD Display Steriliser is the ideal solution for efficient and safe water debacterisation in a variety of applications. With its 4 low-pressure mercury vapour lamps and advanced technology, this device is able to eliminate bacteria, viruses and other microorganisms from water, ensuring deep and complete disinfection.

Key features:

Proven effectiveness: Uses the power of UV-C rays with a wavelength of 254 nm to eliminate up to 99.9% of bacteria, viruses and other microorganisms from water.
4 low-pressure mercury vapour lamps: They offer high sterilisation power and a long life of up to 9,000 hours.
Sheaths of pure quartz: They protect the lamps and ensure optimal UV-C transmission for uniform debacterisation.
High-efficiency electronic ballasts: Reduce energy consumption and ensure reliable operation.
Digital control unit with LCD display: Allows you to monitor the operating status of the steriliser, display irradiance and temperature data and set operating parameters.

Optional irradiance and temperature sensor: Provides precise control of UV-C intensity and water temperature for optimal debacterisation.

Advantages:

Pure and safe water: Eliminates harmful microorganisms from the water, ensuring safe drinking water and optimal hygiene.
Health protection: Prevents the spread of diseases linked to contaminated water.
Reduction of chlorine use: Reduces or eliminates the use of chlorine and other chemicals for water disinfection, promoting a healthier and more sustainable environment.

Energy efficiency: Highly efficient electronic ballasts ensure low energy consumption.
Simple maintenance: The lamps are easily replaceable and the monitoring system facilitates the management of the UV steriliser.

Technical specifications:

Maximum: 23 m3/h - 23000 l/m - 101.00 GPM @ 30,000 µWsec/cm2
Reduced: 18 m3/h - 18000 l/m - 79.00 GPM @ 40,000 µWsec/cm2
Number: 4
Power: 80W each
Service life: 9,000 hours
Dimensions: Total H: 928 mm - Ø 140 mm
Form factor: 'Z' tube
Working position: Vertical
Hydraulic connections
Inlet: 2" male threaded (flange optional)
Water outlet: ½"
Maximum pressure: 10 Bar standard
Material: AISI 304 (AISI 316 optional)
UV3 Cabinet Characteristics
Cabinet dimensions: 300 x 380 x 120 mm
Display: white/blue backlit LCD 2x8 characters
End-of-life lamp alarm via LED/relay
Total lamp life hour counter
Partial lamp life hour counter (resettable)
Stand-by control with "OK" button
Remote ON/OFF control (e.g. flow meter)
Solenoid valve control with 230 Vac power relay in exchange @ 0.250 A
Dry contact alarm relay 1 A @ 30Vdc; 0.250 A @ 230 Vac
IP rating: IP 54 (IP 65 optional)
Electrical absorption: 320 Watt
Power supply: 230 Vac ± 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: 4 x 80 W
Power consumption (W): 320
Capacity (Lt/h): 18000 - 23000
Output voltage (VAC): 230
Reactor Dimensions: H total: 928 mm - Ø 140 mm
Form: Z-pipe
job position: Vertical
lamp control: Gestione singola lampada con allarme fine vita lampada attraverso led/relè