



SATEPA UV Steriliser MULTI UVC120D - Display LCD

Product price:

943,00 € tax excluded

Product description:

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SATEPA UV Multi Steriliser UVC120D - LCD Display

SATEPA's UV Multi UVC120D - LCD Display steriliser is the ideal solution for efficient and safe water debacterisation in a variety of applications. With its 3 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.

3 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 features:

Maximum: 18 m³/h - 18000 l/m - 79.25 GPM @ 30,000 µWsec/cm²

Reduced: 14 m³/h - 14000 l/m - 61.64 GPM @ 40,000 µWsec/cm²

Number: 3

Power: 80W each

Service life: 9,000 hours

Dimensions: Total H: 928 mm - Ø 114 mm

Form factor: 'Z' tube

Working position: Vertical

Inlet: 2" male threaded (flange optional)

Water outlet: ½"

Maximum pressure: 10 Bar standard

Material: AISI 304 (AISI 316 optional)

UV3 Cabinet Features

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)

Lamp change counting

Stand-by control with "OK" button

Remote ON/OFF control (e.g. flowmeter)

Solenoid valve control with power relay 230 Vac 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: 240 Watt

Power supply: 230 Vac ± 10% @ 50/60 Hz

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

Product dimensions (mm): 928 x 114

Lamps: 3 x 80 W

Power consumption (W): 160 W

Capacity (Lt/h): 14000 - 18000

Output voltage (VAC): 230

Reactor Dimensions: H totale: 928 mm - Ø 114 mm

Form: Z-pipe

job position: Vertical

lamp control: Gestione singola lampada con allarme fine vita lampada attraverso led/relè

