SATEPA

WATER AIR ELECTRONIC

🇮🇹 MADE IN ITALY

Product Catalogue 2023

it's your water

MONO Series

UV Sterilizers

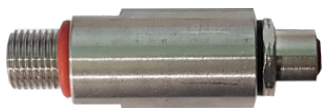|	
Max Flow Rate:	0 to 6 m³/h (0 to 26,4 GPM)
Lamps:	Low pressure 30-40-80W, Lifespan 9.000 Hr
Ballast Type:	Adaptor plug, LCD cabinet
Power Supply:	230 Vac ± 10% @ 50/60 Hz
Working Position:	Vertical / Horizontal
Max working pressure:	10 Bar standard
Material:	AISI 304 – AISI 316 - HDPE
Optional:	Sensor for UV Irradiance and Temperature
	4-20mA output for sensor
	Power supply: 115 Vac on request

"A" ADAPTOR VERSION

Fast plug installing
High efficiency electronic ballast
Lamp monitor with a green / red led
SCHUKO plug or EU plug or loop-through cable

"D" DISPLAY VERSION

Single lamp management
Lamps' fault and elapsed life alarm via led and relay
Increasing total hours meter for plant life
Partial resettable decreasing hours meter for lamp life
Stand By command via "OK" button
Flow meter ON/OFF command
Change lamp counter (increasing)
White/Blue 2×8 characters backlight display
Potential free alarm relay 1A @ 30Vdc; 0,250A @ 230Vac
Solenoid command linked to fault via powered relay

OPTIONAL

Irradiation and temperature sensor
UV intensity and temperature management with settable
threshold for alarm
4-20mA proportional output for UV intensity and
temperature
Audible beeper in the Display version only
Customer Logo printed on chamber

MULTI Series

UV Sterilizers

Max Flow Rate:	6 to 93 m³/h (26,4 to 409,5 GPM)
Lamps:	Low pressure 80W, Lifespan 9.000 Hr
Ballast Type:	LCD cabinet
Power Supply:	230 Vac ± 10% @ 50/60 Hz
Working Position:	Vertical
Max working pressure:	10 Bar standard
Material:	AISI 304 – AISI 316 - HDPE
Optional:	Sensor for UV Irradiance and Temperature
	4-20mA output for sensor
	Power supply:115 Vac on request

"D" LCD CONTROL

Single Lamps management
Lamps' fault and elapsed life alarm via led and relay
Increasing total hours meter for plant life
Partial resettable decreasing hours meter for lamp life
Stand-By command via "OK" button
Flow meter ON/OFF command
Change lamp counter (increasing)
White/Blue 2×8 characters backlight display
Potential free alarm relay 1A @ 30Vdc; 0,250A @ 230Vac
Audible beeper for alarm (optional)

ADVANCED CONTROL

Single lamps management
Lamps' fault and elapsed life alarm via led and relay
Increasing total hours meter for plant life
Partial resettable decreasing hours meter for lamp life
Stand By command via "OK" button
Flow pacing, optional
Change lamp counter (increasing)
White/Blue 2×12 characters backlight display
Potential free alarm relay 1A @ 30Vdc; 0,250A @ 230Vac
Cleaning system available
4-20 mA output for Irradiance and Temperature
Custom input for special request

OPTIONAL

Irradiation and temperature sensor
UV intensity and temperature management with settable threshold for the alarm
4-20mA proportional output for UV intensity and temperature
Audible beeper in the Display version only
Customer Logo printed on chamber
Certified sensor (O_Nörm / DVGW)

MADE IN ITALY

Filter Housings

Cartridge Filters

Housing for cartridge filters in AISI 304 (optional 316), in 2 different models with V-Band clamp or a middle closure system. They can accept DOE or 222 fin/flat cartridge of 20" 30" 40" length and come with poly coat finishing and are provided with ¼" vent/drain port.

11 to 22 m³/hr – 50 to 96 GPM
Cartridge cup adaptor can eliminate bypass

Max working pressure: 9 bar
Material: SS 304 or 316L optional
In/Outlet: BSP; available NPT, flange, victualic, tri-clamp ferrule
Vent port: ¼" BSP; available with NPT
Drain port: ½" BSP; available with NPT
Temperature: Up to 90°C, housing only

Bag Filters

Housing for bag filters in AISI 304 (optional AISI 316), suitable for Size 2 length bag and equipped with a basket for the bag insertion.

The housings come with polish coat finishing (glass bead blasting / electro-polishing optional).

40 m³/hr – 180 GPM max flow rate
Quick easy bag change in / out with the basket
2" I/O connection
Accept "size 2" bag type
Drain port: ½"

Max operating pressure: 7 bars
Max operating temperature: 90 °C
Seal Material: EPDM
Connections: standard MBSP