

HDPE UV-C system for sterilization suitable for water disinfection and designed to treat highly polluted water. It is suitable for all kinds of industrial water purification. Main applications include **saltwater systems, process water treatment, aquaculture, swimming pools, cosmetic and semiconductor-pharmaceutical industry**. Equipped with low pressure mercury vapor UV-C lamps, characterized by UV radiation at a wavelength of 254nm, in high quality quartz sleeves, driven by high efficiency electronic ballasts. Finally, it can be fitted with an UVC and temperature sensor and managed by a plug ADAPTOR or LCD CONTROL DISPLAY. Two series present: Mono and Multi Series.

Max flow rate:	0 to 93 m ³ /h (0 to 409,5 GPM)
Lamps:	Low pressure lamps 30-40-80W, Lifespan 9000 Hrs
IP code:	IP 54
Power supply:	230 Vac ± 10% @ 50/60 Hz
Working position:	Vertical / Horizontal (MONO Series) Vertical (MULTI Series)
Max working pressure:	6 Bar standard
Material:	HDPE (High-Density Polyethylene)
Optional:	Sensor for UV irradiance and temperature 4-20mA output for sensor Power supply: 115 Vac on request
CE Compliance:	EN 55022; EN 61000-3-2; EN 61000-4



ADAPTOR VERSION (UVH30A/UVH40A ONLY)

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



LCD CONTROL 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 2x8 characters backlight display
- Potential free alarm relay 1 A @ 30Vdc; 0,250 A @ 230 Vac
- Solenoid command linked to fault via powered relay (UVH30/40/65/80)



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 display version only
- Certified sensor: O_Nörm / DVGW (MULTI Series)

SATEPA - WATER AIR ELECTRONIC

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