

UV sterilizer suitable for water disinfection thanks to the UV-C radiation with wavelength of 254nm. Equipped with three low pressure mercury lamps, each with 80W electrical power, contained in high quality quartz sleeves and controlled by digital electronic control unit with LCD display.

## REACTOR

<b>Max flow rate:</b>	18,0 m <sup>3</sup> /hr – 79,25 GPM Initial Dose 30.000 μWsec/cm <sup>2</sup> 14,0 m <sup>3</sup> /hr – 61,64 GPM Initial Dose 40.000 μWsec/cm <sup>2</sup>
<b>UV lamps:</b>	3x80W, 9.000 hr lifespan
<b>Dimension:</b>	Height 935 mm - Ø 114,00 mm
<b>Form factor:</b>	“Z” chamber
<b>Working position:</b>	Vertical
<b>Connection:</b>	2” threaded male
<b>Drain:</b>	½” threaded male
<b>Max working pressure:</b>	10 Bar standard
<b>Material:</b>	AISI 304 – EN 1.4301 (AISI 316 – EN 1.4401 as optional)
<b>Compliance:</b>	EN 10217-7



## CONTROL UNIT

<b>Type:</b>	Digital electronic control unit UV <sup>3</sup>
<b>Dimension:</b>	310 x 240 x 130 mm
<b>Lamp control:</b>	Single lamp monitoring and lamps end of life Total hours count for plant and partial resettable lamps life count Change lamp counter
<b>System features:</b>	ON/OFF remote command Stand By command via “OK” button
<b>Alarm:</b>	Lamp failure Lamps end of life Low UV radiation (sensor only) High temperature (sensor only)
<b>Relay:</b>	Free contact relay
<b>Power connection:</b>	Power cord 1,5 mt
<b>Lamp cable:</b>	1,5 mt included
<b>Power supply:</b>	230 Vac ± 10%
<b>Electrical absorption:</b>	240W
<b>Protection degree:</b>	IP 54
<b>EMC compliance:</b>	EN 55022 ; EN 61000-3-2 ; EN 61000-4 ; EN 61347-1/A1 ; EN 61195 ; 2014/30/EU ; 2014/35/EU



## OPTIONS

<b>Reactor:</b>	Client logo printed AISI 316 – EN 1.4401 Radiation and temperature sensor Flanged connection DN 50
<b>Power supply:</b>	Client logo on display at power on Audible beeper



## PACKAGING

<b>Dimension:</b>	2 boxes: 24 x 15 x 114 cm + 1 box: 30 x 15 x 60 cm ( W x H x D )
<b>Weight:</b>	9,0 Kg
<b>EPAL packages quantity:</b>	9 pcs