

UV sterilizer suitable for water disinfection thanks to the UV-C radiation with wavelength of 254nm. Equipped with 2 low pressure mercury lamp of 80W electrical power, in high quality quartz sleeve and controlled by digital electronic control unit with LCD display

## REACTOR

<b>Max flow rate:</b>	12,0 m <sup>3</sup> /hr – 52,83 GPM initial Dose 30.000 μWsec/cm <sup>2</sup> 9,0 m <sup>3</sup> /hr – 39,63 GPM initial Dose 40.000 μWsec/cm <sup>2</sup>
<b>UV lamp:</b>	2x80W, 9.000 hr lifespan
<b>Dimension:</b>	Height 935 mm - Ø 114,0 mm
<b>Form factor:</b>	“Z” chamber
<b>Working position:</b>	Vertical
<b>Connection:</b>	1 ½” 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>	180 x 180 x 90 mm
<b>Lamp control:</b>	Lamp monitoring and lamp 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 Water flow command (flow switch not included) Solenoid valve managing ( powered relay 230 Vac ) Stand By command via “OK” button
<b>Alarm:</b>	Lamp failure Lamp end of life Low UV radiation (sensor only) High temperature (sensor only)
<b>Relay:</b>	Powered relay 230 Vac 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>	80W
<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
<b>Power supply:</b>	Client logo on display at switch on Protection degree IP 65



## PACKAGING

<b>Dimension:</b>	1 boxes 24 x 15 x 113 cm ( W x H x D )
<b>Weight:</b>	5,5 Kg
<b>EPAL packages quantity:</b>	24 pcs