

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

Max flow rate:	12,0 m ³ /hr – 52,83 GPM initial Dose 30.000 μWsec/cm ² 9,0 m ³ /hr – 39,63 GPM initial Dose 40.000 μWsec/cm ²
UV lamp:	2x80W, 9.000 hr lifespan
Dimension:	Height 935 mm - Ø 114,0 mm
Form factor:	“Z” chamber
Working position:	Vertical
Connection:	1 ½” threaded male
Drain:	½” threaded male
Max working pressure:	10 Bar standard
Material:	AISI 304 – EN 1.4301 (AISI 316 – EN 1.4401 as optional)
Compliance:	EN 10217-7



CONTROL UNIT

Type:	Digital electronic control unit UV ³
Dimension:	180 x 180 x 90 mm
Lamp control:	Lamp monitoring and lamp end of life Total hours count for plant and partial resettable lamps life count Change lamp counter
System features:	ON/OFF remote command Water flow command (flow switch not included) Solenoid valve managing (powered relay 230 Vac) Stand By command via “OK” button
Alarm:	Lamp failure Lamp end of life Low UV radiation (sensor only) High temperature (sensor only)
Relay:	Powered relay 230 Vac Free contact relay
Power connection:	Power cord 1,5 mt
Lamp cable:	1,5 mt included
Power supply:	230 Vac ± 10%
Electrical absorption:	80W
Protection degree:	IP 54
EMC compliance:	EN 55022 ; EN 61000-3-2 ; EN 61000-4 ; EN 61347-1/A1 ; EN 61195 ; 2014/30/EU ; 2014/35/EU



OPTIONS

Reactor:	Client logo printed AISI 316 – EN 1.4401 Radiation and temperature sensor
Power supply:	Client logo on display at switch on Protection degree IP 65



PACKAGING

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