UVC160D

MULTI SERIES

UV sterilizer suitable for water disinfection thanks to the UV-C radiation with wavelength of 254nm. Equipped with four 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

Max flow rate:	23,0 m³/hr – 101,26 GPM Initial Dose 30.000 µWsec/cm² 18,0 m³/hr – 79,25 GPM Initial Dose 40.000 µWsec/cm²
UV lamps:	4x80W, 9.000 hr lifespan
Dimension:	Height 935 mm - Ø 139,00 mm
Form factor:	"Z" chamber
Working position:	Vertical
Connection:	2" threaded male
Drain:	½" 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 UV³
Dimension:	360 x 270 x 130 mm (W x H x D)
Lamp control:	Single lamp monitoring and lamps end of life Total hours count for plant and partial resettable lamps life count Change lamp counter
System features:	ON/OFF remote command Stand By command via "OK" button
Alarm:	Lamp failure Lamps end of life Low UV radiation (sensor only) High temperature (sensor only)
Relay:	Free contact relay
Power connection:	Power cord 1,5 mt
Lamp cable:	1,5 mt included
Power supply:	230 Vac ± 10%
Electrical absorption:	320W
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 Flanged connection DN 50
Power supply:	Client logo on display at power on Audible beeper

PACKAGING

Dimension:	2 boxes: 24 x 15 x 114 cm + 1 box: 30 x 15 x 60 cm (W x H x D)
Weight:	11,0 Kg
EPAL packages quantity:	9 pcs

MADE IN ITALY