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 m ³ /hr – 101,26 GPM Initial Dose 30.000 μWsec/cm ²
UV lamps:	18,0 m ³ /hr – 79,25 GPM Initial Dose 40.000 μWsec/cm ² 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:	%" 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	
Туре:	Digital electronic control unit UV ³
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 IP 54
Protection degree: EMC compliance:	EN 55022 ; EN 61000-3-2 ; EN 61000-4 ; EN 61347-1/A1 ; EN 61195 ; 2014/30/EU ; 2014/35/EU
OPTIONS	EN 53022, EN 61000-5-2, EN 61000-4, EN 61347-1/A1, EN 61155, 2014/30/EU, 2014/33/EU
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 Кg
EPAL packages quantity:	9 pcs



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