

# UV Generator PE3 to PE15

3 000 to 15 000 L/h



DISINFECTION

UV GENERATOR

UV PE3 to PE15

UV generator for disinfecting corrosive liquids and sea water at a flow rate of 3 000 L/h to 15 000 L/h, the PE address many applications.

Control box with electrical protection, LCD display dry alarm transfer contact and remote On/Off contact.



## SPECIFICATIONS

- Generator built of HDPE.
- UVc dose of 400 J/m<sup>2</sup> for water with transmittance of 99% @ 1cm, 20°C.
- Lamp life duration ~ 9000 h.
- Protection index: IP54.
- Vertical or horizontal mounting.
- Immediate bactericidal effect
- No water storage necessary
- No chemical products used.
- No change in the physical-chemical quality of the water.
- Possibility to install several units in parallel.

## APPLICATIONS

- Disinfection of corrosive waters.
- Disinfection in pre-treatment of sea water desalination.
- Disinfection of water for aquaculture.
- Disinfection of water for aquariums.

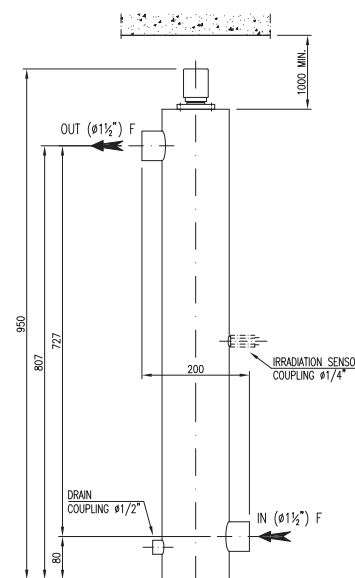
# PE3 to PE15 UV Generator

## TECHNICAL CHARACTERISTICS

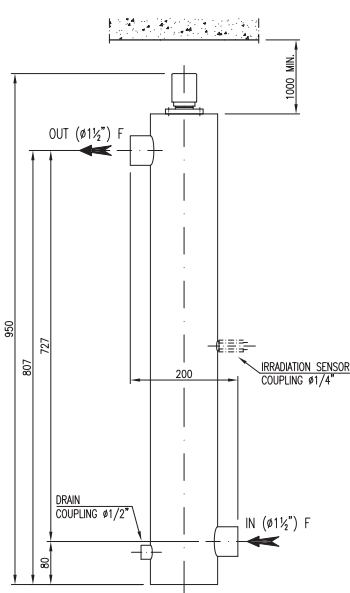
	PE3	PE5	PE8	PE15
Peak flow rate (L/h)	3000	5000	8000	15 000
Number of lamps	1	1	2	2
Lamp life duration (h)	9000 h			
UV-C dose (J/m <sup>2</sup> )	400			
Construction	PEHD			
Connection (input/output)	1"1/2	1"1/2	2"1/2	2"1/2
Maximum duty pressure (bar)	6			
Electric power supply	230V - 50/60 Hz			
Power (W)	40	80	80	160
Protection index	IP 55			
LCD2 display (microprocessor control)	Yes			
Hour meter	Yes			
Resettable count down hour-meter	Yes			
On/Off Timer	Yes			
Remote On/Off contact	Yes			
Fault LED	Yes			
Fault contact (dry)	Yes			
Fault relay 230V NO/NC 2A max	Yes			
Irradiation dose display	PLUS Version			
Temperature display	PLUS Version			
Stop at high temperature	PLUS Version			
4/20 mA contact	Optional only for PLUS version			
Cabinet dimensions (mm)	215 x 215 x 90			



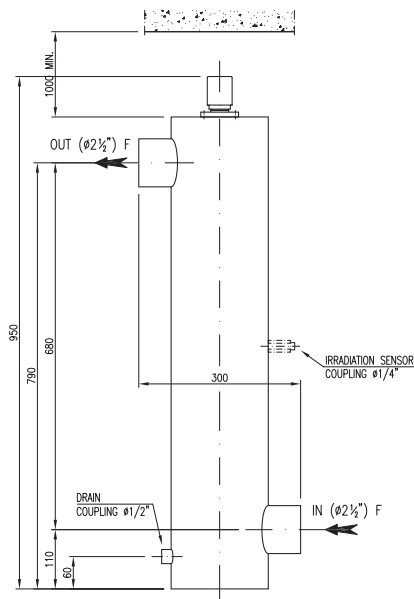
LCD<sup>2</sup> (PLUS)



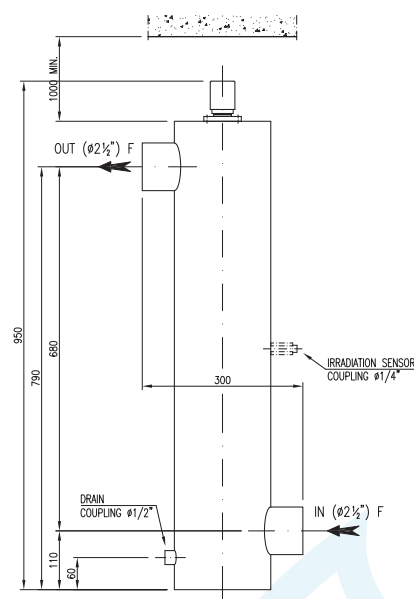
PE3



PE5



PE8



PE15



ADH2OC INDUSTRIAL  
 Headquarters  
 3, Rue Kercoz  
 22 220 TRÉGUIER - FRANCE  
 Tel +33 (0)2 96 40 02 50  
 Fax +33 (0)2 22 44 98 48  
 www.adh2oc-industrial.com

Workshop  
 Lieudit «La Vallée Drouard»  
 28500 CHÉRISY - FRANCE  
 Tel +33 (0)2 37 50 20 79  
 Fax +33 (0)2 22 44 98 48  
 e-mail : infos@adh2oc-industrial.com