

UV Generator 440-450-480



3 600 to 5 100 L/h



DISINFECTION

UV GENERATOR

UV 440 - 450 - 480

UV generator for disinfecting water at a flow rate of 5 100l/h, the 400 range addresses many water treatment applications.

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



UV450

UV440-480

SPECIFICATIONS

- Generator built of 304L stainless steel.
- UVc dose of 300 J/m² for water with transmittance of 99% @ 1 cm, 20°C.
- Lamp life duration ~ 9000 h.
- Protection index: IP55.
- 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 potable water, water used in hospitals, for leisure activities, hotels.
- Disinfection for agro-food rinsing processes and bottling.
- Disinfection of sewage, recycling, aquaculture and farming water.
- Pre- and post-treatment of water for laboratories.
- Microelectronics industry rinsing water.

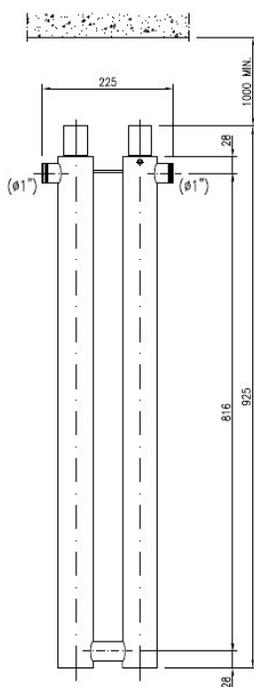
440-450-480 UV Generator

TECHNICAL CHARACTERISTICS

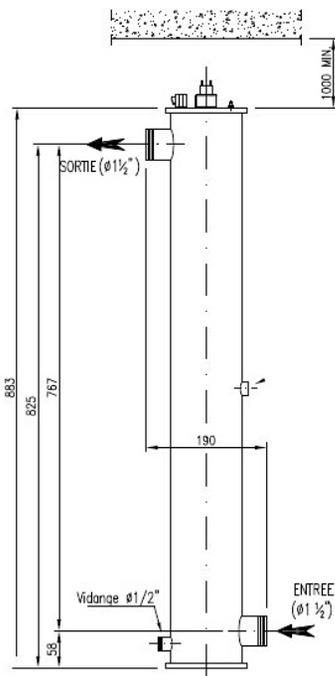
	UV440	UV450	UV480
Peak flow rate (L/h)	3600	4500	5100
Number of lamps	1	2	1
Lamp life duration (h)	9000 h		
UV-C dose (J/m ²)	300		
Construction	AISI 304		
Connection (input/output)	1"1/2M	1"M	1"1/2M
Maximum duty pressure (bar)	10		
Electric power supply	230V - 50/60 Hz		
Power (W)	40	80	80
Protection 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	LCD ² PLUS version		
Temperature display	LCD ² PLUS version		
Stop at high temperature	LCD ² PLUS version		
4/20 mA contact	Optional only for LCD ² PLUS version		
Cabinet dimensions (mm)	215 x 215 x 90		



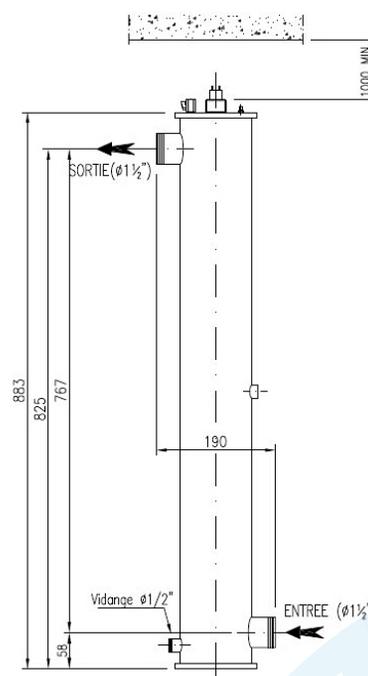
LCD² (PLUS)



UV450



UV440



UV480



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