

# UV Generator 405 - 412

1 200 to 2 700 L/h



DISINFECTION

UV GENERATOR

UV 405 - 412

UV generator for disinfecting water at a flow rate of 1 200 L/h to 2 700 L/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.



UV405



UV412

## SPECIFICATIONS

- Generator built of 304L stainless steel.
- UVc dose of 300 J/m<sup>2</sup> for water with transmittance of 99% @ 1cm, 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.

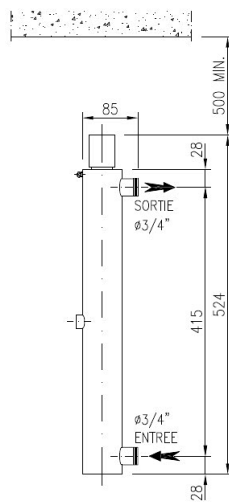
# 405-412 UV Generator

## TECHNICAL CHARACTERISTICS

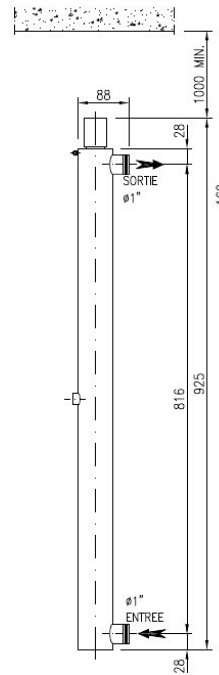
	UV405	UV412
Peak flow rate (L/h)	1200	2700
Number of lamps	1	1
Lamp life duration (h)	<b>9000 h</b>	
UV-C dose (J/m <sup>2</sup> )	300	
Construction	AISI 304	
Connection (input/output)	3/4" M	1" M
Maximum duty pressure (bar)	10	
Electric power supply	230V - 50/60 Hz	
Power (W)	30	40
Protection index	IP 55	
LCD <sup>2</sup> 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 <sup>2</sup> PLUS version	
Temperature display	LCD <sup>2</sup> PLUS version	
Stop at high temperature	LCD <sup>2</sup> PLUS version	
4/20 mA contact	Optional only for LCD <sup>2</sup> PLUS version	
Cabinet dimensions (mm)	215 x 215 x 90	



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



UV405



UV412



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