

UV Generator AM Series

24 to 160m³/h



DISINFECTION

UV GENERATOR

AM SERIES

UV generator for disinfecting water at a flow rate of 24 to 160 m³/h, the AM range addresses many water treatment applications.

The electric protection and control box has an LCD display, a dry alarm transfer contact and an additional operating dry contact.

IP65 protection



AM60-96-125-160

SPECIFICATIONS

- Generator built of 304L stainless steel.
- UVc dose of 400 J/m² for water with transmittance of 98% @ 1cm, 20°C.
- Lamp life duration ~ 12 000 h.
- Protection index of the Control box : 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 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.

AM Series UV Generator

TECHNICAL CHARACTERISTICS

	AM24	AM50	AM60	AM96	AM125	AM160
Peak flow rate (m³/h)	24	50	60	96	125	160
Number of lamps	1	2	2	3	4	4
Lamp life duration (h)	12000 h					
UV-C dose (J/m²)	> 400					
Construction	AISI 304L	AISI 304L	AISI 304L	AISI 316L	AISI 316L	AISI 316L
Connection (input/output)	2" M	DN80	DN80	DN100	DN150	DN150
Maximum duty pressure (bar)	10					
Electric power supply	230V - 50/60 Hz					
Power (W)	220	440	440	660	880	880
Protection index.	IP 54 (control box)					
Control box model	LCD²	LCD²	LCD²	TC	TC	TC
LCD display	Yes	Yes	Yes	-	-	-
Touch screen	-	-	-	Yes	Yes	Yes
Multi language display	-	-	-	Yes	Yes	Yes
Datalog - events	-	-	-	Yes	Yes	Yes
Remote access (CAN, Ethernet, USB, serial)	-	-	-	Yes	Yes	Yes
Fault LED	Yes	Yes	Yes	-	-	-
Hour meters (system and lamp life)	Yes	Yes	Yes	Yes	Yes	Yes
Fault contact (dry)	Yes	Yes	Yes	-	-	-
Digital outputs	-	-	-	Yes	Yes	Yes
Fault relay 230V NO/NC outlet 2A ma	Yes	Yes	Yes	Yes	Yes	Yes
Irradiation dose display	only plus version			Yes	Yes	Yes
Temperature display	only plus version			Yes	Yes	Yes
Stop at high temperature	only plus version			Yes	Yes	Yes
UV dose calculation	-	-	-	optional plus version		
Lamp power regulation	-	-	-	optional		
Control box dimensions (mm)	400 x 300 x 200			750 x 40 x 250		
UV Generator Dimensions						
H (mm)	1273	1313	1313	1321	1321	1346
L (mm)	1215	1230	1230	1200	1175	1200
R (mm)	116	175	200	210	210	235

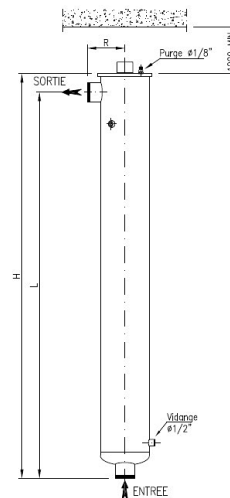
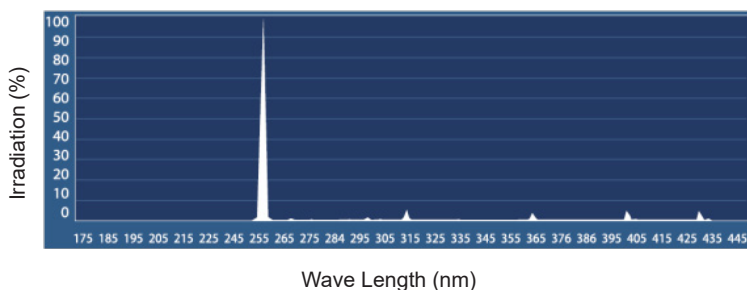


LCD²
AM 24-50-60

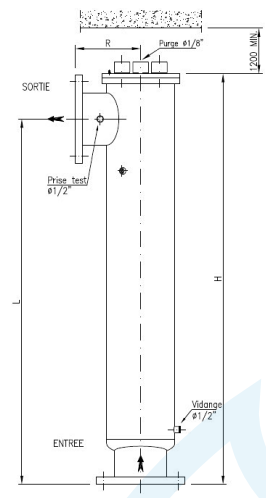


TC
AM 96-125-160

EMISSION SPECTRUM OF THE GERMICIDE LAMPS



AM24-50



AM60-96-125-160



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