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UVGERMI®

ULTRAVIOLETS DE HAUTE TECHNOLOGIE

Treatment solutions for sea water using ultraviolet reactors.

● ○ ● MADE IN FRANCE

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GERMI REUSE 1

> **Flow rate:** from 0.5 to 3 m³/h

The **GERMI REUSE 1** is a particularly robust piece of equipment. It can be installed in humid places with aggressive atmospheres and can also treat sea water in all related applications. Downstream from on-site sanitation networks, it treats water that can then be reused for irrigation.



Warranty: 1 year
After-sales in France

TECHNICAL SPECIFICATIONS

Equipment to treat a flow rate of 0.5 to 3 m³/h.

UV LAMP

Total electrical power:	60 Watts (1 lamp)
Germicidal power:	18 Watts UVC
Lamp service life:	9,000 hours or 1 year

UV REACTOR

Treatment chamber:	HDPE
Input/Output:	DN25 - PVC32:
Operating pressure:	8 bars
2 clips for wall mounting	
Horizontal installation	

ELECTRICAL BOX

Dimensions (mm):	204 x 75 x 54
Protection rating:	IP 68
Power supply:	230 V/50-60 Hz
1 lamp operation and 1 fault light indicator	
1 audible alarm if the lamp stops	

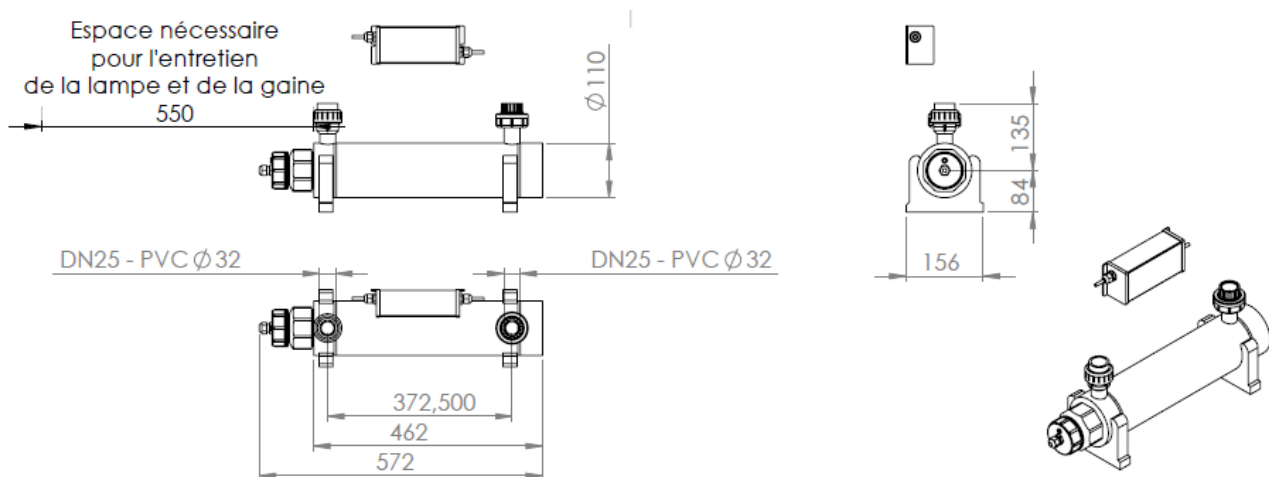
ASSOCIATED PRODUCTS

60 W UV lamp:	16000251
Quartz sleeve:	17000263
O-ring:	17000408

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INSTALLATION

The **GERMI REUSE 1** must be installed horizontally on the wall using the two clips supplied with the device. The equipment is designed for installation in a clean, dry and well ventilated building. The distance between the control box and the reactor body is 1 metre. A 550 mm gap must be left on the exit side to enable lamp replacement. Make sure this is taken into account when organising the layout of your installation.

The reactor body must be properly secured to avoid all movement during hydraulic loading. The reactor body is installed parallel to the ground, wall and piping to allow the reactor to be fully loaded without the risk of creating air pockets. The UV reactors are not designed to operate without water.

MAINTENANCE

The condition of the quartz sleeve should be checked after one month of operation. Depending on the visual findings, this check should then be carried out every 6 months and at least once a year.

The service life of the lamp must be strictly observed to ensure effective treatment. A lamp guaranteed for 9,000 hours will still operate well after this period, but UVc performance will not be guaranteed. Furthermore, using the lamp beyond its warranty period causes premature ageing of the ballasts.