

UVGERMI®

ULTRAVIOLETS DE HAUTE TECHNOLOGIE

*Specialist in
microbiological water treatment
using ultraviolet reactors.*

● ○ ● MADE IN FRANCE

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GERMI BP 75 EP

> **Average flow:** 13 m³/h

The GERMI BP 75 EP is a reliable, efficient and economical piece of equipment. It can be used to treat spring water, borehole water, supply water or water from a well contaminated by bacteria. To guarantee drinking water quality, the water must be chemically drinkable before the UV treatment.



CE

Full warranty: 1 year
After-sales in France

TECHNICAL SPECIFICATIONS

ACS MATERIALS

Equipment to treat a water flow rate of 9.3 m³/h to 17.5 m³/h for transmittance values between 92% and 98% and a UV dose from 25 mJ/cm² to 40 mJ/cm².

UV LAMP

Total electrical power:	150 Watts (2 lamps)
Germicidal power:	50 Watts UVc
Lamp service life:	9,000 hours or 1 year (maximum limit of 5 starts per 24-hour period)

UV REACTOR

Treatment chamber:	Stainless steel 316L
Reactor diameter:	140 mm
Reactor length:	989 mm
U-shaped entry/exit:	2" male screw
Maximum pressure authorised:	8 bars
Photosensor for alert if radiation is insufficient	
Horizontal installation	

ELECTRICAL BOX

Dimensions (mm):	162 x 263 x 91
Installed power, supply:	230 V/50 Hz
2 light indicators for lamp operation	
1 buzzer for lamp fault	
1 hour counter for lamp operation	
1 switch	

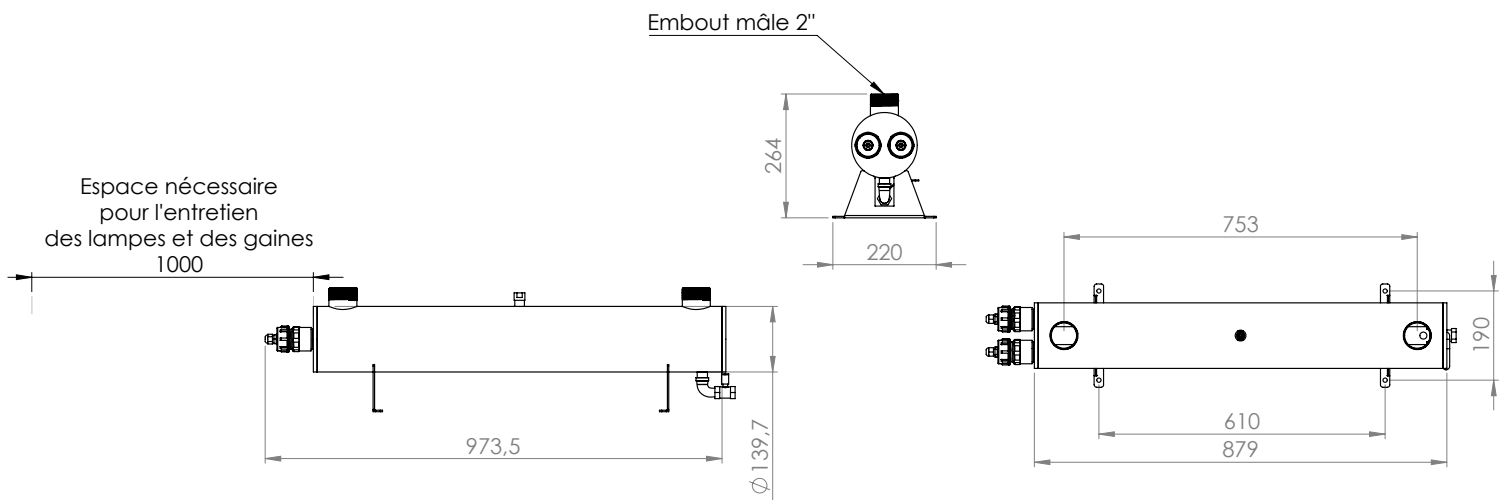
ASSOCIATED PRODUCTS

UV lamps 75 Watts:	14000101
Quartz sleeve:	14000051
O-ring:	14000088

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INSTALLATION

The **GERMI BP 75 EP** must be placed on brackets fixed to the wall or place on the floor of the supports.

To enable easy maintenance of the unit, leave space of at least 1 m on the UV lamp exit side and install valves to isolate it. If this installation configuration is not possible, it must be possible to dismount the reactor to enable replacement of the UV lamp and cleaning of the quartz sleeve.

The effectiveness of the treatment depends on the transparency of the water. We strongly recommend installing a filtration system with a 50 µm filter screen to eliminate suspended solids before the UV treatment.

The **GERMI BP 75 EP** must be protected from "water hammer" and strong vibrations. It must be protected from freezing temperatures and humidity. It must not be operated outdoors.

MAINTENANCE

Maintenance is limited to the replacement of the UV lamps and the replacement or cleaning of the sleeves. The UV lamps have a maximal service life of 9,000 hours, after which water disinfection is no longer guaranteed.

The quartz sleeves protecting the lamps make lamp replacement much easier. The quartz sleeves may become clogged or lime scale deposits may form. They should be cleaned with mild acid.

