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# UVGERMI®

ULTRAVIOLETS DE HAUTE TECHNOLOGIE

*Specialist in  
microbiological water treatment  
using ultraviolet reactors.*

● ○ ● MADE IN FRANCE

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## GERMI CP 75 EP

> **Average flow: 23 m<sup>3</sup>/h**

The GERMi CP 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 no. ACCESSORIES: No. 15 ACC LY 331**, Certificate provided on request.

**Equipment to treat a water flow rate of 16.2 m<sup>3</sup>/h to 31 m<sup>3</sup>/h for transmittance values between 92% and 98%, and a UV dose from 25 mJ/cm<sup>2</sup> to 40 mJ/cm<sup>2</sup>.**

#### UV LAMP

**Total electrical power:** 225 Watts (3 lamps)  
**Germicidal power:** 75 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:** 168 mm  
**Reactor length:** 989 mm  
**U-shaped entry/exit:** 2" 1/2 male screw  
**Maximum pressure authorised:** 8 bars  
**Photosensor for alert if radiation is insufficient**  
**Horizontal installation**

#### ELECTRICAL BOX

**Dimensions (mm):** 230 x 280 x 110  
**Power supply:** 230 V/50 Hz  
**3 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

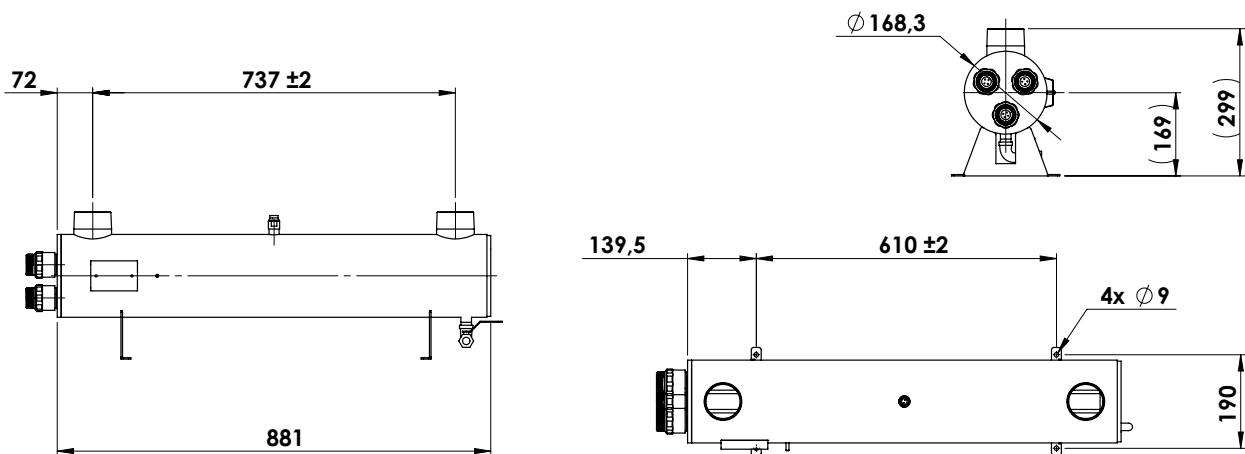
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# GERMI CP 75 EP

> **Average flow:** 23 m<sup>3</sup>/h



## INSTALLATION

The **GERMI CP 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.

To enable easy maintenance of the unit, leave space of at least 1.20 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 **GERMI CP 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.

