

UVGERMI®

ULTRAVIOLETS DE HAUTE TECHNOLOGIE

*Specialist in
the treatment of legionella
using ultraviolet reactors.*

● ○ ● MADE IN FRANCE

15000256_A_FT10

GERMI AP 95

> **Flow rate:** up to 6 m³/h



Full warranty: 1 year

After-sales in France



TECHNICAL SPECIFICATIONS

ACS MATERIALS

Equipment to treat a water flow rate up to to 6 m³/h for a minimal transmittance value of 98% and a UV dose of at least 40 mJ/cm².

UV LAMP

| | |
|-------------------------|---|
| Total electrical power: | 95 Watts (1 lamp) |
| Germicidal power: | 32 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 width: | 292 mm |
| Reactor height: | 600 mm |
| Input/Output: | 1" 1/4 male screw |
| Maximum pressure authorised: | 6 bars |
| Photosensor for alert if radiation is insufficient | |
| Wall fixing lugs | |

ELECTRICAL BOX

| | |
|---|----------------|
| Dimensions (mm): | 140 x 280 x 75 |
| Power supply: | 230 V/50 Hz |
| On/Off switch | |
| Lamp operation indicator / Hour counter / Buzzer for lamp fault | |

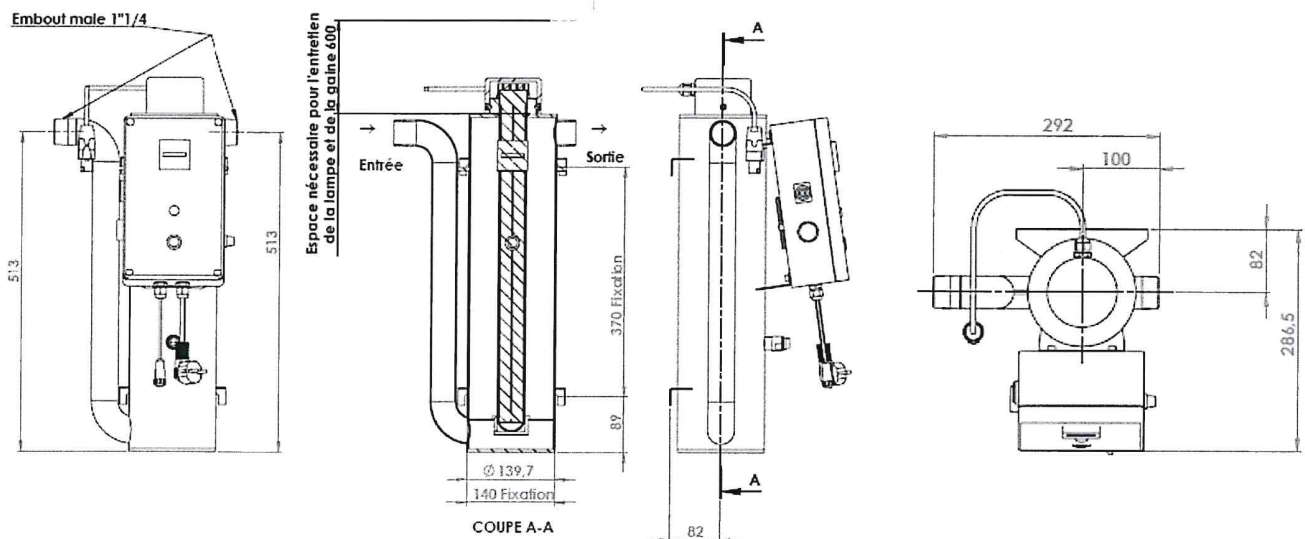
ASSOCIATED PRODUCTS

| | |
|-------------------|----------|
| UV lamp 95 Watts: | 14000099 |
| Quartz sleeve: | 14000054 |
| O-ring: | 14000290 |

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GERMI AP 95

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INSTALLATION

The **GERMI AP 95** is installed on the main water supply pipe.

It can be secured to the wall with its mounting system. It must be positioned vertically. Sufficient space must be left above the **GERMI AP 95** (at least 600 mm) or allow for easy dismantling of the unit (bypass) to replace the UV lamp. The unit must be protected against "water hammer" using a water hammer protection device (pressure vessel, shock absorber, etc.) if needed. It must be protected from frost, excessive heat and humidity (indoor installation).

We strongly recommend installing a filter upstream of the unit to reduce the particles that might mask the UV radiation.

MAINTENANCE

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

The quartz sleeve protecting the lamp makes lamp replacement much easier. The quartz sleeve may become clogged or lime scale deposits may form. It should be cleaned regularly with mild acid.