

UVGERMI®

ULTRAVIOLETS DE HAUTE TECHNOLOGIE

*Specialist in
microbiological water treatment
using ultraviolet reactors.*

● ○ ● MADE IN FRANCE

GERMI LED 3 ACS UV

> **Average flow:** 3 l/min

The **GERMI LED 3** is the smallest device ever designed for treating water using mercury-free UVc LED. This unit destroys the pathogenic microorganisms in the water without using toxic chemical substances.



Full warranty: 1 year

After-sales in France



TECHNICAL SPECIFICATIONS

Equipment to treat a water flow rate of 3 l/min for transmittance values above 90% (water thickness 10 mm at 254 nm).

UV LAMP

Total electrical power: 50 W

Lamp service life: 5,000 hours
(unlimited number of re-starts)

Weight: 1 kg

TREATMENT CHAMBER

Overall size: L 271 x H 168 x D 120 (mm)

Input/Output: 3/8" threaded

Maximum pressure authorised: 5 bars

Power supply / Frequency: 230 V/50-60 Hz

Flow sensor / 4 operation indicators /
Bracket / 12 V or 24 V option

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INSTALLATION

Position and secure the installation bracket and reactor **vertically** on the wall using screws (not supplied) suited to the type of wall.

The female connector should be installed at reactor entry; connect the flow meter on the same side, then the male connector and the red safety rings. Connect the water according to the flow direction indicated at reactor entry and exit. Check system tightness by applying pressure and power up the reactor.

We recommend installing a filter of at least 50 µm upstream of the treatment chamber.

OPERATION

The **GERMI LED 3 ACS UV** has a flow sensor that switches the LED on automatically in the presence of water flow. The LED is switched off when the flow stops.

A panel of 4 light indicators (white, green, orange and red) indicates device operating status at all times.

The quartz should be cleaned every 3 to 6 months, depending on water quality, and the electric cables verified.

A technical installation and maintenance manual is supplied with the device.

