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UVGERMI®

ULTRAVIOLETS DE HAUTE TECHNOLOGIE

*Specialist in
microbiological water treatment
using ultraviolet reactors.*

● ○ ● MADE IN FRANCE

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UV STATION 3E

> **Average flow: 2 m³/h**

This unit produces **drinking water** with an appropriate bacteriological content by combining double filtration with UV disinfection. Bacteria and viruses are destroyed without using chemical substances.



Full warranty: 1 year
After-sales in France



TECHNICAL SPECIFICATIONS

Equipment to treat a water flow rate of 1.6 m³/h to 3 m³/h for transmittance values between 92% and 98%, and a UV dose from 25 mJ/cm² to 40 mJ/cm².

Total electrical power:	60 Watts (1 lamp)	Maximum pressure:	3 bars
Germicidal power:	18 Watts	Mounting:	Wall panel
Lamp service life:	9,000 hours or 1 year (maximum limit of 5 starts per 24-hour period)	Dimensions (mm):	W 600 x H 500
Double filtration:	10" high 25 µm particle filter, then carbon filter (5 µm, 10 µm and 50 µm filters available)	Connection:	3/4" female screw

CONTROL BOX

Day counter	
Audible alarm if the lamp stops	
Light indicator for lamp operation	
Light indicator for lamp fault	
Power supply:	230V/50-60 Hz with earthed plug

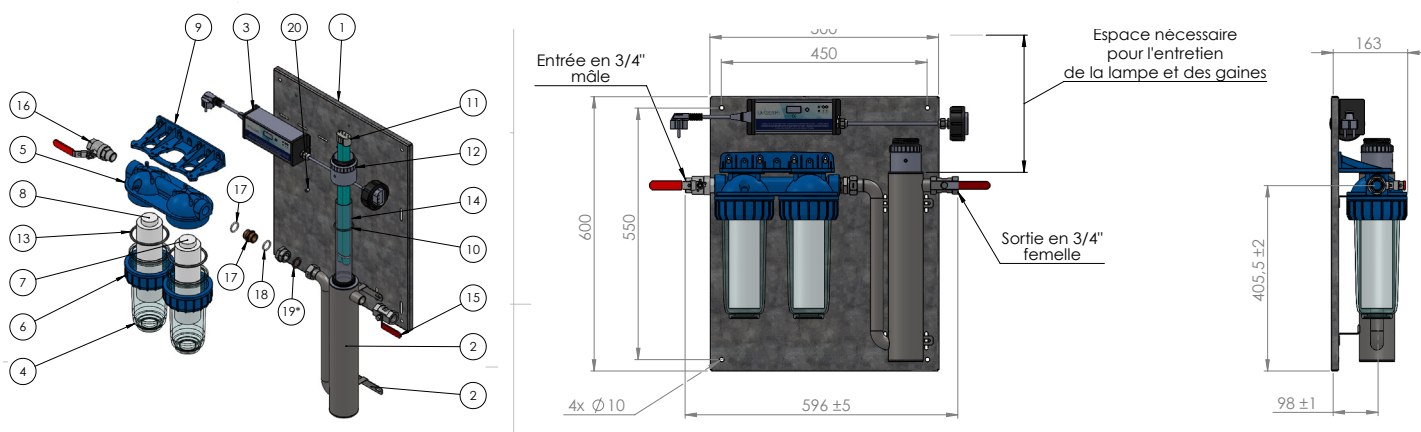
ASSOCIATED PRODUCTS

60W UV lamp + ring:	16000251
Quartz sleeve:	14000053
O-ring:	14000518
25 µm filter:	18000014
Carbon filter:	16000507

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INSTALLATION

The **UV STATION 3E** is installed on the main water supply pipe. It can be secured to the wall with its mounting system.

The water flows in via the particle filter and out via the UV reactor. The shut-off valves are used for maintenance operations on the filters and reactor.

Sufficient space must be left above the reactor (at least 550 mm) to remove the UV lamp and the quartz sleeve. The system must be protected from frost, excessive heat and humidity.

MAINTENANCE

Maintenance is limited to the replacement of the UV lamp and the replacement or cleaning of the filter cartridges.

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: there is no need to drain or dismantle the **UV STATION 3E**. The quartz sleeve may become clogged or lime scale deposits may form. It should be cleaned with mild acid.

* The UV STATION 3E can produce drinking water provided the incoming water is chemically drinkable.