



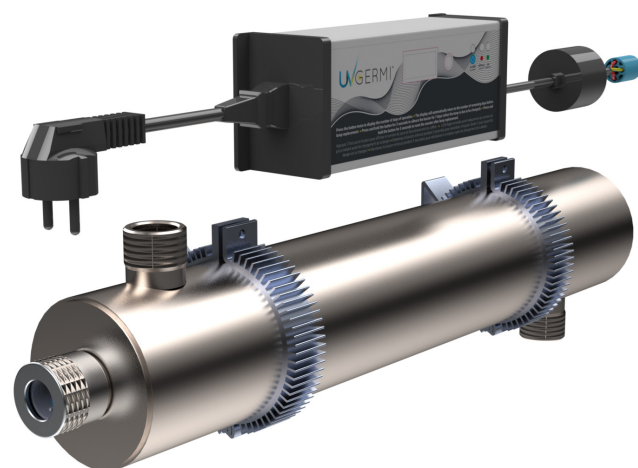
LOW-FLOW RANGE

Spring water
Borehole water
Water supply
Well water

UVGERMI®
ULTRA-NATURAL TECHNOLOGY
www.uvgermi.fr

UVSTART W48

Average flow rate: 2.3m³/h
REF : 23000344_A_FT10



Full warranty: 1 year / After-sales service in France

The UVSTART W48 is reliable, high-performance and economical. It can be used to treat spring water, borehole water, tap water and well water contaminated by bacteria. To guarantee potabilization, water must be chemically potable prior to UV treatment.

TECHNICAL SPECIFICATIONS



No. ACS ACCESSORIES: No. 21 ACC LY 542,
Certification available on request.

UV LAMP

Total electrical power:	48 Watts (1 lamp)
Germicidal power:	13 Watts UVc
Lamp life:	16,000 hours or 2 years (up to a maximum of 5 starts per 24 hours)

UV REACTOR

Treatment chamber:	Inox 304 TP
Reactor diameter:	90 mm outside
Reactor length:	553 mm
Z input/output:	3/4" female/1" male* * Internal/external tapping
Maximum allowable pressure:	6 bar
Horizontal or vertical installation	

ELECTRICAL BOX

Dimensions (mm):	204 x 75 x 54
Power supply:	230 V/50-60 Hz
1 lamp operation indicator	
1 lamp fault indicator	
1 end-of-lamp-life alarm	
1 countdown of days to lamp replacement	

RELATED PRODUCTS

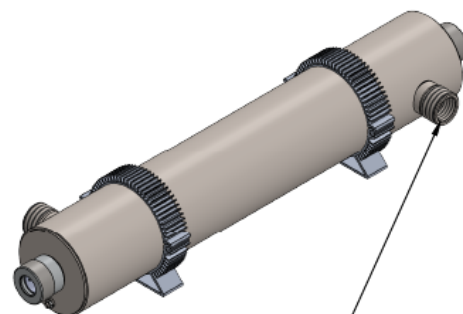
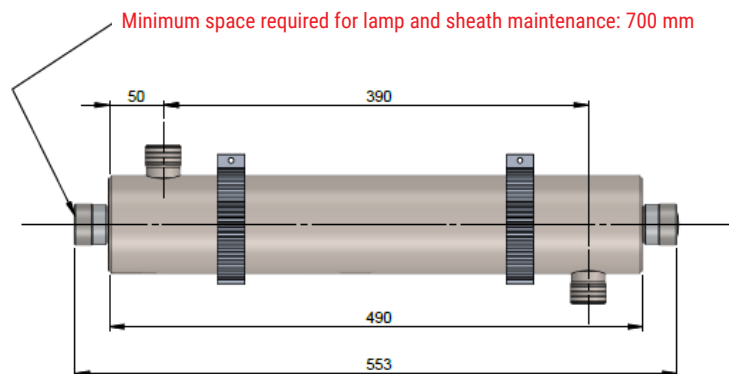
48 W UV lamp:	23000332
Quartz sheath:	23000318
Joint:	19000086

Equipment for water flow rates from 2.2 m³/h to 2.5 m³/h for transmittance values ranging from between 92% and 98%, and a UV dose of 40 mJ/cm².

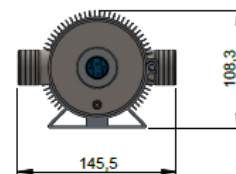
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Male/female threads
on inlet and outlet spigots:
G 1" male and G 3/4" female



INSTALLATION

The **UVSTART W48** must be fixed to the wall using the two retaining clips, which also act as heat sinks.

For optimum maintenance of the unit, it is necessary to leave at least 0.7 m on the outlet side of the UV lamp, and to isolate it by valves to facilitate maintenance. If this is not possible, the reactor must be dismantled to change the UV lamp and clean the quartz sheath.

Treatment efficiency depends on water clarity. It is strongly recommended to install a filtration system with a maximum 50 µm filter screen to eliminate suspended solids prior to UV treatment.

The reactor must be insulated from water hammer and strong vibrations. It must be protected from frost and humidity. It must not be operated outdoors.

MAINTENANCE

Maintenance is limited to changing the UV lamp and replacing or cleaning the sheath. The UV lamp has a limited service life of 16,000 h, beyond which water disinfection is no longer guaranteed.

The quartz sheath protecting the lamp makes lamp replacement much easier. The quartz sheath can become clogged with dirt or scale. It should be cleaned with a mild acid.



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