



UVGERMI®

ULTRAVIOLETS DE HAUTE TECHNOLOGIE

*Specialist in
private pool treatment solutions
using ultraviolet reactors.*

● ○ ● MADE IN FRANCE

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UVZEN CD 120

> **Flow rate:** from 18 to 35 m³/h

The UVZEN CD 120 provides owners of private swimming pools with an efficient treatment solution for their pool water that is simple to use and affordable, ensuring total destruction of pathogenic microorganisms. Implementation of **UVZEN** enables reduced use of chemical substances and preserves the health of swimmers.



Full warranty: 1 year

After-sales in France



TECHNICAL SPECIFICATIONS

Equipment to treat a water flow rate of 18 to 35 m³/h.

UV LAMP

Total electrical power: 360 Watts (3 x 120 W)
Germicidal power: 114 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
 Black epoxy paint
U-shaped entry/exit: 2" male screw
Maximum pressure authorised: 3 bars
Horizontal installation

ELECTRICAL BOX

Dimensions (mm): 360 x 250 x 155
Power supply: 230 V/50-60 Hz
Light indicator for lamp operation
On/Off switch
Hour counter

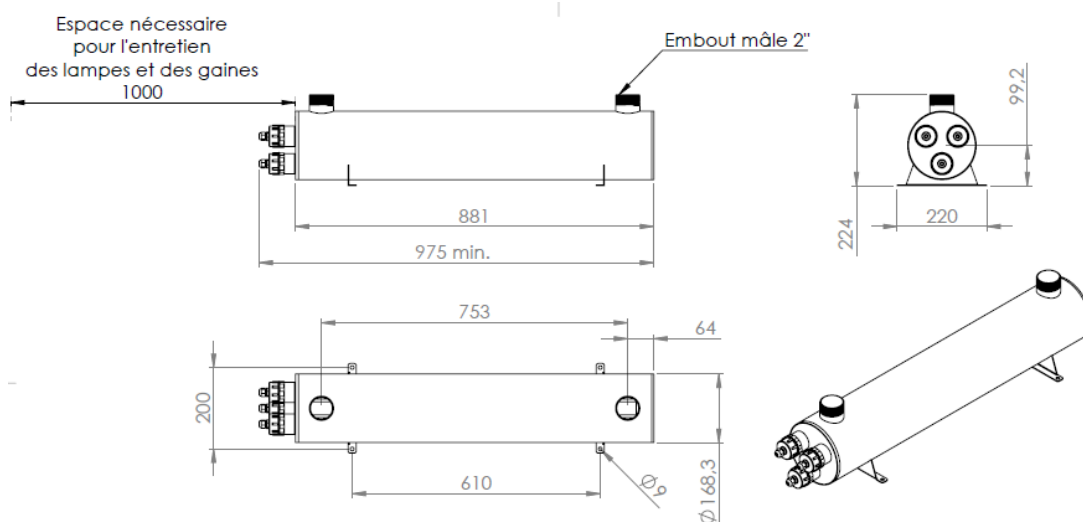
ASSOCIATED PRODUCTS

120 W UV lamp: 14000095
Quartz sleeve: 14000051
O-rings: 14000088

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INSTALLATION

The **UVZEN** is connected by 2 screw-type 2" male end pieces. Sufficient space must be left at the side of the reactor (1 m) to enable maintenance and UV lamp replacement. The effectiveness of the treatment depends on the transparency of the water. A good filtration system upstream of the UV treatment unit is therefore essential to remove any suspended solids making the water murky.

We recommended installing a valve before and after the UV reactor (or a bypass system) to enable possible disassembly for maintenance operations. A valve to enable drainage of

the water circuit must be installed to enable maintenance of the UV reactor. It must also be protected from freezing temperatures and excessive humidity. The reactor must be protected from "water hammer" and strong vibrations.

It must not be installed outside, but inside dry premises. The lamps must not be operated if there is no water in the UV reactor.

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.