



UVGERMI®

ULTRAVIOLETS DE HAUTE TECHNOLOGIE

*Specialist in
dechloramination solutions
using ultraviolet reactors.*

● ○ ● MADE IN FRANCE

15000084_A_FT10

UVDECHLO 20

> **Flow rate:** from 10 to 15 m³/h



The **UVDECHLO 20** reduces the level of combined chlorine in swimming pools via photochemical action on all the organochlorine compounds in the water (monochloramine, dichloramine trichloramine). It also destroys Giardia and Cryptosporidium.

Full warranty: 2 years

Stainless steel parts: 5 years

After-sales in France



TECHNICAL SPECIFICATIONS

 **Equipment accredited by the French Ministry of Health: no. 050021**

UV LAMP

Total electrical power: 200 Watts (1 lamp)
UV dose at the end of lamp service life: 60 mJ/cm²
Lamp service life: 16,000 hours or 2 years
 Low pressure lamp, no ozone generation

ELECTRICAL BOX

Dimensions (mm): 400 x 400 x 210
Power supply: 230 V + neutral / 50-60 Hz
 Digital hour counter with pre-selection
 Pre-alarm light indicator for lamp replacement
 Alarm buzzer for lamp replacement

UV REACTOR

Treatment chamber: Stainless steel 316L
Input/Output: DN50/PN10-16 (PVC 63)
Operating pressure: 2 bars

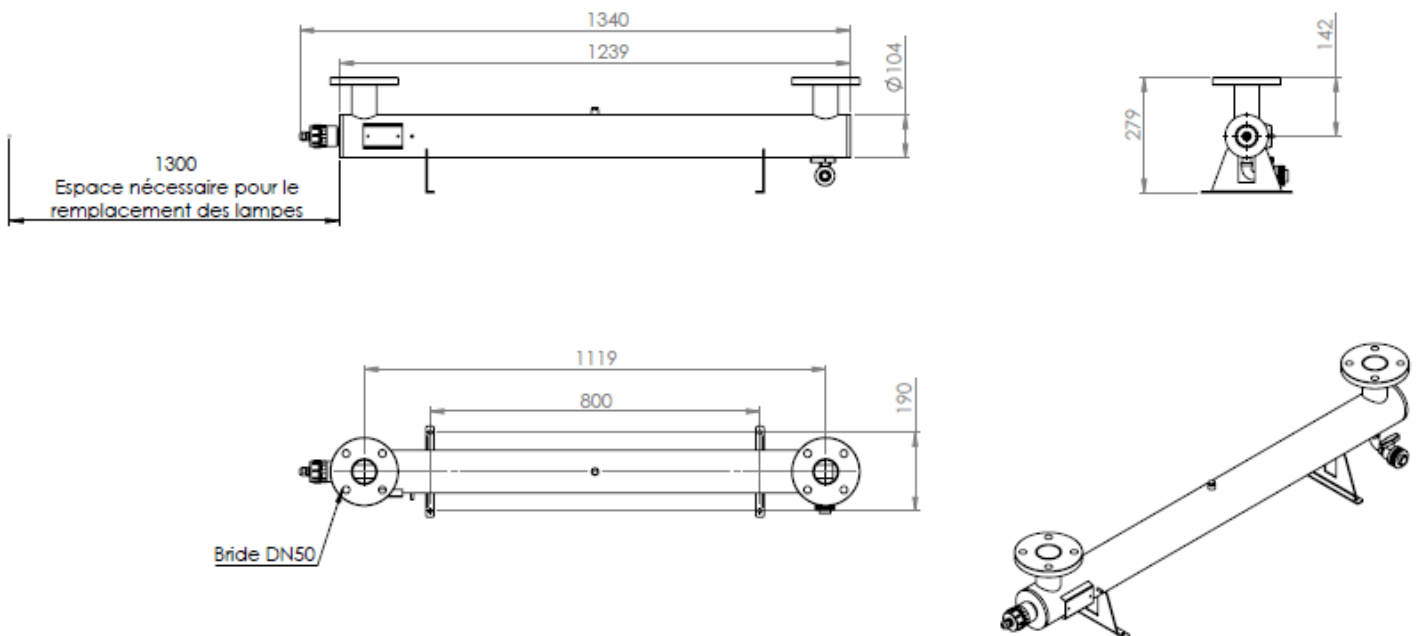
ASSOCIATED PRODUCTS

200 W UV lamp: 14000129
Quartz sleeve: 14000048
O-ring: 14000088
Ballast: 16000269

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INSTALLATION

The dechloramination unit must be installed horizontally: water flow can be in either direction, but we recommend that the water flows in from the top and out from the top of the unit to avoid any accumulation of air in the treatment chamber and to ensure that it always remains full of water. Sufficient space must be left at the side of the dechloramination unit (1.30 m) to enable maintenance and UV lamp replacement.

Filtration is required to remove suspended solids. The dechloramination unit is therefore installed after the pool filters, but before chlorine injection as the chlorine molecules can be degraded by UV radiation.

MAINTENANCE

Efficiency is reduced when the UV lamp reaches the end of its service life (after 2 years' operation) or if it becomes defective. It must be replaced. The quartz sleeve makes lamp replacement much easier: the unit does not have to be drained or dismantled. The quartz sleeve may become clogged and should be cleaned at least once a year with a mild acid.