



UVGERMI®

ULTRAVIOLETS DE HAUTE TECHNOLOGIE

*Specialist in
dechloramination solutions
using ultraviolet reactors.*

● ○ ● MADE IN FRANCE

15000113_A_FT10

UVDECHLO 200L300

> **Flow rate:** from 150 to 250 m³/h

EEC option possible*

The **UVDECHLO 200L300** 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



* Interlocked with the chloramine level (thanks to information from an analysis chamber located upstream of the installation)

TECHNICAL SPECIFICATIONS

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

UV LAMP

Total electrical power: 1,800 Watts (6 lamps)

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): 600 x 600 x 250

EEC dimensions (mm): 760 x 760 x 210

Power supply: 400 V + neutral / 50-60 Hz

Digital hour counter with pre-selection

Pre-alarm light indicator for lamp replacement

Alarm buzzer for lamp replacement

Start counter

UV REACTOR

Treatment chamber: Stainless steel 316L

Input/Output: DN200/PN10 (PVC 220/225)

Operating pressure: 2 bars

ASSOCIATED PRODUCTS

300 W UV lamp: 14000028

Quartz sleeve: 14000048

O-rings: 14000088

Ballast (2 x 300W): 16000274

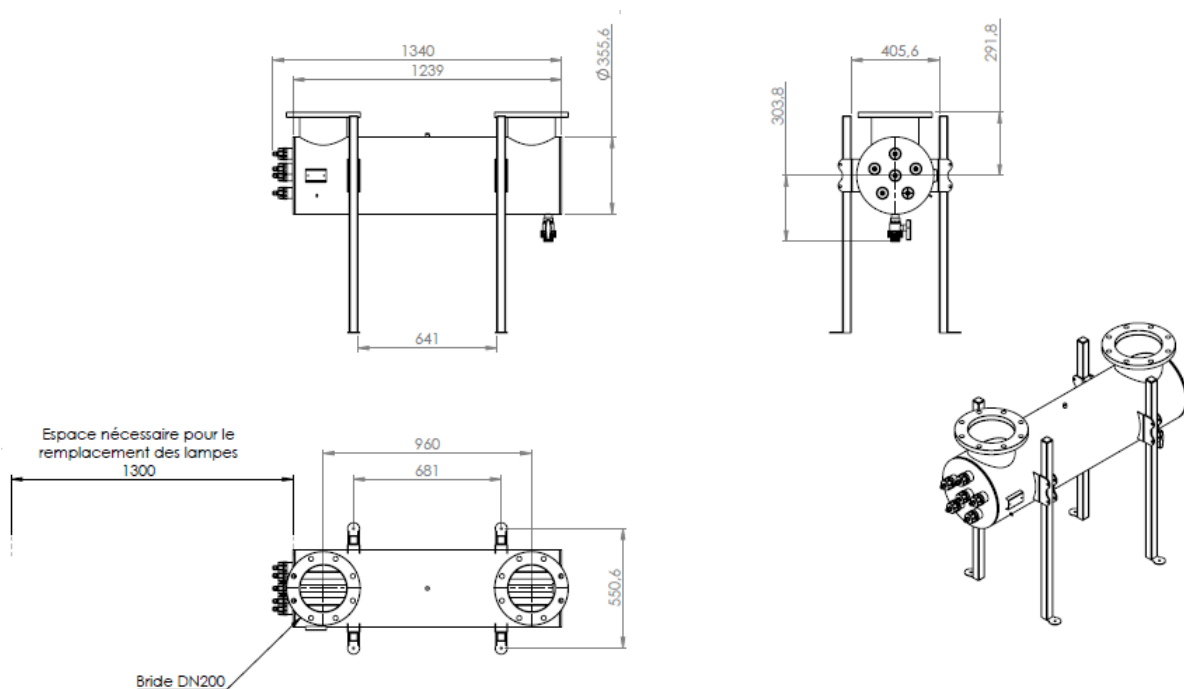
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INSTALLATION

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 lamps reach the end of their service life (after 2 years' operation) or if one of them becomes defective. They must be replaced. The quartz sleeves make lamp replacement much easier: the unit does not have to be drained or dismantled. The dechloramination unit is equipped with several lamps, which must all be replaced at the same time. The quartz sleeves may become clogged and should be cleaned once a year with a mild acid.