



DECHLO RANGE

PUBLIC POOLS
WELLNESS AREAS
SPAS
THALASSO & BALNEO
THERMALISM

UVGERMI®
ULTRA-NATURAL TECHNOLOGY
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UVDECHLO 3P75 ECOENERGY

Flow rate: from 8 to 13m³/h

REF : 25000079



Connected device for simplified operation

Reversible: input-output/left-right

UVDECHLO 3P75 reduces the combined chlorine content of swimming pools through photochemical action on all the organochlorine compounds present in the water (monochloramine, dichloramine, trichloramine). It also destroys Giardia and Cryptosporidium micro-organisms.

TECHNICAL SPECIFICATIONS



Equipment approved by the Ministry of Health under No. 050021

UV LAMP

Total electrical power:	225 Watts (3 lamps)
UV dose at the end of the lamp's life:	60 mJ/cm ²
Lamp life:	9,000 hours or 1 year

UV REACTOR

Treatment chamber:	Stainless steel 316L
Input/Output:	2 "1/2 male screw-in/PVC 75
Operating pressure:	2 bar

ELECTRICAL BOX

Dimensions (mm):	358 x 248 x 128
Power supply:	230 V / 50-60 Hz
Control HMI / Switch / Lamp operation indicators / Pre-alarm (8,000 h) and end-of-lamp-life alarm (9,000 h)	

RELATED PRODUCTS

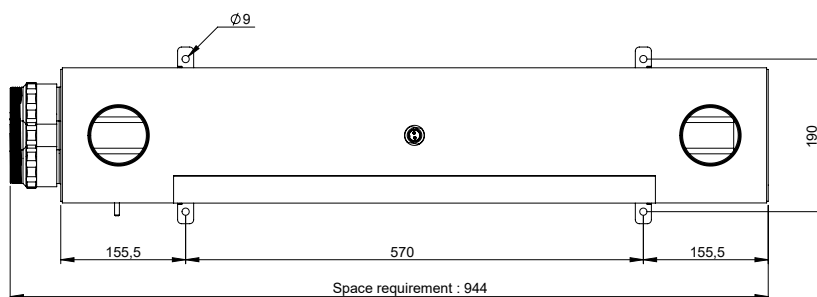
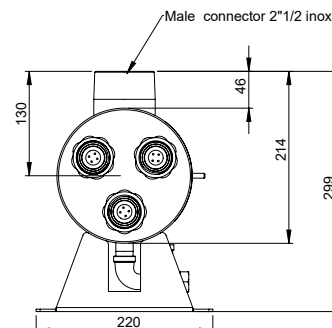
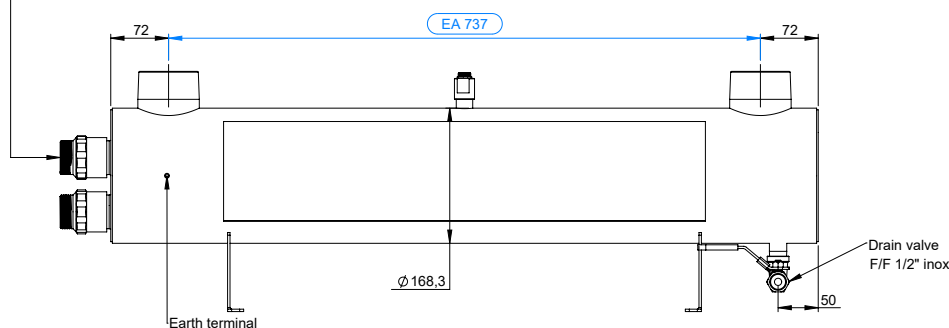
75 W UV lamp:	14000101
Quartz sheath:	14000051
Gaskets (set of 2):	14000088

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Space required for maintenance of lamps and sleeves: 1000 mm



Total drainable volume : 20 L

INSTALLATION

The dechlorinator must be installed horizontally: there is no direction of water flow, but it is preferable for the water to arrive at the top and leave at the top of the appliance to avoid any accumulation of air in the treatment chamber and to keep it filled with water at all times. Space should be left on the side of the dechlorinator (1 m) to allow for maintenance and replacement of the UV lamps.

Filtration is necessary to eliminate suspended matter. The dechlorinator is therefore installed after the pool filters, but before the chlorine is injected, because the chlorine molecules can be degraded by UV radiation.

MAINTENANCE

Efficiency losses occur when UV lamps reach the end of their life (after 12 months of operation) or when one of them is defective. It or they need to be replaced. Quartz sheaths make lamp replacement much simpler: the unit does not have to be drained or dismantled. If the dechlorinator has several lamps, they must all be changed at the same time.

The quartz sheath(s) can become clogged and should be cleaned once a year with a mild acid. The duct seals should be changed each time the duct is dismantled, and at least every 2 years.



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