



PURION 2501 DUAL PVC

For 110 – 240 V

50 – 60 Hz

DESCRIPTION

Hotel facilities with a large salt water pool of up to 100m³ offer their customers a valuable, health-promoting product: salt water is gentle on the skin and protects it from drying out. With the PURION 2501 P Dual, these health benefits can be fully exploited. The UV-C disinfection process used by the PURION 2501 P Dual purifies the water in a natural way. Inside the system, flowing water is specifically illuminated with UV-C light, which dissolves the DNA compounds of algae and bacteria, causing them to die. The taste and smell of the water is not changed and it retains its composition. This is precisely the disadvantage of purification with chlorine: Chemicals are added to the water that are permanently in the water and counteract the health-promoting benefits of salt water. With the help of the PURION 2501 P Dual, the salt water pool can be cleaned just as healthily as the salt water pool affects people.

Available power supplies

- 110-240V AC with wide voltage ballast

OPTIONAL MONITORING LEVELS

Basic (without monitoring option)

Plus (OTC/lifetime monitoring)

The UV-C lamp has a natural drop in performance over the duration of its service life (10,000h). After this time, the lamp must be changed, the lamp runtime meter and the lifetime monitoring (OTC) signal the right time. The hours in which the lamp is switched on are counted and the values are output via an LED display. Up to 9,000 hours a green LED lights up, between 9,000 and 10,000 hours the pre-alarm is indicated by a yellow LED and after 10,000 hours a red LED lights up.



Scope of delivery

- UV disinfection system
- 2x UV lamp (90 W)
- Operating instructions

Basic



Plus



Technical data

Manufacturer	PURION GmbH
Type	PURION 2501 DUAL PVC-U
Throughput	20 m ³ /h pool water
UVC transmission	90% T1 cm
Water temperature	2°C to 40°C
Reactor	PVC
Connection	d50 Adhesive socket
Seal	FPM
Dimensions (LxW in mm)	2x 1000x110
Flange distance	810 mm
Weight	2x 6,6 kg
Lamp service life	10.000h
Number of radiators	2
Dose	400J/m ²
Temperature Max	40°C
Enclosure protection	IP 65
Electrical connection	110 – 240V AC 50Hz/60Hz
Power	2x 90W
Fuse protection	10A

Contact

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