



PURION 2001 PVC-U

For 110 – 240 V

50 – 60 Hz

DESCRIPTION

The decision to install a salt water pool is usually based on health aspects. Salt water is beneficial for the skin, it is gentle and protects the body from dehydration. Precisely because of these positive effects, it is crucial that the pool is cleaned in a way that is not harmful to health. Cleaning with chlorine is absolutely not recommended here, as the positive properties of salt water are almost completely cancelled out by the chlorine and other chemicals. The PURION 2001 P uses the UV-C disinfection process: In this process, algae are specifically illuminated with UV-C light, whereby the DNA compounds dissolve and the algae die. This gentle method of water purification does not change the taste, odor or composition of the water. With the PURION 2001 P, the principle can be applied to a 30m³ salt water pool. For a health-promoting saltwater pool, there is no more compatible purification than that by UV-C - a purification that is environmentally compatible and attractive from an economic perspective.

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 power decrease over the duration of its lifetime (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
- UV lamp (48 W)
- Instruction manual

Basic



Plus



Technical data

Manufacturer	PURION GmbH
Type	PURION 2001 PVC-U
Throughput	8 m³/h pool water
UVC transmission	90% T1 cm
Water temperature	2°C to 40°C
Reactor	PVC-U
Connection	d50 Gluing sleeve
Seal	FPM
Dimensions (LxW in mm)	670 x 100
Flange distance	360 mm
Weight	6 kg
Radiator service life	10.000h
Number of emitters	1
Dose	300 J/m²
Temperature Max	40°C
Housing protection	IP 65
Electrical connection	110 – 240V AC 50Hz/60Hz
Power	48 W
Fuse protection	10A

Contact

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