

PURION 1000 PVC-U
For 12 V/24 V DC
50 – 60 Hz

DESCRIPTION

With a PURION 1000 P, the health-promoting benefits of a saltwater pool can be fully enjoyed. Salt water is very gentle on the skin, it protects the skin from drying out and is very beneficial for the mucous membranes of the eyes. Therefore, especially in this particular form of the pool cleaning with chlorine is absolutely not appropriate. The advantages that come from salt water are cancelled out by the disadvantages that cleaning with chlorine brings. The method of UV-C cleaning with the PURION 1000 P is ecologically and economically much better in this case. UV-C light dissolves the DNA bonds of algae and bacteria, so that they are considered dead. With the PURION 1000 P, the UV-C cleaning process can be used for a pool up to 10m³. In doing so, the composition of the water – unlike the use of chlorine – is not changed in any way. Especially for a product as valuable to health as a saltwater pool, it is therefore absolutely necessary to clean the pool in a way that is compatible with health.

Available power supplies

- 12V DC or 24V DC for mobile use
- 110-240V AC with wide voltage ballast (other switch box design)

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 (17 W)
- Instruction manual

Basic



Plus



Technical data

Manufacturer	PURION GmbH
Type	PURION 1000 PVC-U
Throughput	1000l/h drinking water
UVC transmission	90% T1 cm
Water temperature	2°C to 40°C
Reactor	PVC-U
Connection external thread	R 1"
Seal	FPM
Dimensions (LxW in mm)	420x50
Flange distance	255 mm
Weight	2 kg
Radiator service life	10.000h
Number of emitters	1
Dose	400J/m²
Temperature Max	40°C
Housing protection	IP 65
Electrical connection	12 V/24 V DC 50Hz/60Hz
Power	17W
Fuse protection	10A



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