



## PURION 1000 PVC-U

For 110 – 240 V

50 – 60 Hz

### DESCRIPTION

With a PURION 1000 P, the health-promoting benefits of a salt water pool can be enjoyed to the full. Salt water is very gentle on the skin, it protects the skin from drying out and is very soothing for the mucous membranes in the eyes. Therefore, especially with this special form of pool, cleaning with chlorine is absolutely not appropriate. The advantages of salt water are offset by the disadvantages of cleaning with chlorine. The method of UV-C cleaning with the PURION 1000 P is much better in terms of ecology and economy. UV-C light dissolves the DNA compounds 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 of up to 10m<sup>3</sup>. Unlike the use of chlorine, the composition of the water is not changed in any way. Especially with 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

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

### 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
- UV lamp (17 W)
- Operating instructions



### Basic



### Plus



## Technical data

<b>Manufacturer</b>	PURION GmbH
<b>Type</b>	PURION 1000 PVC-U
<b>Throughput</b>	1000l/h drinking water
<b>UVC transmission</b>	90% T1 cm
<b>Water temperature</b>	2°C to 40°C
<b>Reactor</b>	PVC-U
<b>External connection thread</b>	R 1"
<b>Seal</b>	FPM
<b>Dimensions (LxW in mm)</b>	420x50
<b>Flange distance</b>	255 mm
<b>Weight</b>	2 kg
<b>Lamp service life</b>	10.000h
<b>Number of radiators</b>	1
<b>Dose</b>	400J/m <sup>2</sup>
<b>Temperature Max</b>	40°C
<b>Enclosure protection</b>	IP 65
<b>Electrical connection</b>	110 – 240V AC 50Hz/60Hz
<b>Power</b>	17W
<b>Fuse protection</b>	10A

### Contact

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Official PURION Distributor  
**PURION**  
DIE SICHERSTE LÖSUNG



UVC-Desinfection  
**Made in Germany**