



## PURION 2501 PVC-U

For 110 – 240 V

50 – 60 Hz

### DESCRIPTION

Larger salt water pools up to 50m<sup>3</sup> can be cleaned in an ecologically safe way with a PURION 2501 P. In order to fully benefit from the advantages of a saltwater pool for keeping the skin healthy, cleaning must also be oriented towards health aspects. The classic variant of pool cleaning with chlorine contradicts this realisation, because the advantages that a salt water pool has for the skin are cancelled out by the disadvantages of chlorine. In contrast, the PURION 2501 P cleans with the help of the UV-C disinfection process. In this process, the pool water is irradiated with UV-C, which dissolves the DNA bonds of bacteria and algae. As a result, the saltwater pool remains free of algae and can become an oasis of well-being. The PURION 2501 P changes neither the taste nor the smell of the water. Unlike cleaning with chlorine, the composition of the water is not changed. A saltwater pool should be cared for with the same care that one gives oneself when buying such a pool.

### 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
- UV lamp (90 W)
- Operating instructions

### Basic



### Plus



## Technical data

<b>Manufacturer</b>	PURION GmbH
<b>Type</b>	PURION 2501 PVC-U
<b>Throughput</b>	14 m <sup>3</sup> /h pool water
<b>UVC transmission</b>	90% T1 cm
<b>Water temperature</b>	2°C to 40°C
<b>Reactor</b>	PVC-U
<b>Connection</b>	d50 Gluing sleeve
<b>Seal</b>	FPM
<b>Dimensions (LxW in mm)</b>	928 x 100
<b>Flange distance</b>	710 mm
<b>Weight</b>	8 kg
<b>Lamp service life</b>	10.000h
<b>Number of radiators</b>	1
<b>Dose</b>	300 J/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>	90W
<b>Fuse protection</b>	10A

### Contact

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Official PURION Distributor  
**PURION**  
DIE SICHERSTE LÖSUNG



UVC-Desinfection  
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