

## PURION 2500 90 W DUAL

For 110 – 240 V AC  
50 – 60 Hz

### DESCRIPTION

With a total capacity of 8,000 l/h, the PURION 2500 90W Dual is an extremely large UV-C disinfection system that is mainly used in hotels and large apartment buildings. Technically, this unit is based on two normal PURION 2500 90W connected in series.

### 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.

#### Extra (OPD/Sensor monitoring)

For safe control of the UV-C lamp, sensor monitoring is integrated in this system. Via a sensor mounted in the center of the stainless steel reactor, the UV-C output of the lamp is permanently measured and output via an LED display. If the UV-C lamp has more than 70% of the starting intensity, a green LED lights up, between 50 and 70% a yellow LED lights up as a pre-alarm and below 50% a red LED lights up. Should the display be on red, there is no longer enough UV-C intensity to ensure the promised flow.

#### Ultra (Sensor monitoring + solenoid valve)

In addition to sensor monitoring, a solenoid valve is also integrated for absolute safety. As soon as the red LED lights up, the additionally installed solenoid valve is automatically closed, so that there is no danger for the user. This solenoid valve is currentless and therefore closes fully automatically even in the event of a power failure.

### Scope of delivery

- UV disinfection system
- 2x UV lamp (90 W)
- Instruction manual



#### Basic



#### Plus



#### Extra



## Technical data

<b>Manufacturer</b>	PURION GmbH
<b>Type</b>	PURION 2500 90 W DUAL
<b>Throughput</b>	8000l/h drinking water
<b>UVC transmission</b>	90% T1 cm
<b>Water temperature</b>	2°C to 40°C
<b>Reactor</b>	stainless steel 1.4571
<b>Connection external thread</b>	R 1"
<b>Seal</b>	FPM
<b>Dimensions (LxW in mm)</b>	2x 928x42
<b>Flange distance</b>	850mm
<b>Weight</b>	7 kg
<b>Radiator service life</b>	10.000h
<b>Number of emitters</b>	2
<b>Dose</b>	400J/m <sup>2</sup>
<b>Temperature Max</b>	40°C
<b>Housing protection</b>	IP 65
<b>Electrical connection</b>	110 – 240 V AC 50Hz/60Hz
<b>Power</b>	2x 90 W
<b>Fuse protection</b>	10A

### Contact

info@uvconcept.com  
Tel: +49 3641 327 9697  
Fax: +49 3641 327 9697 9

### UV Concept GmbH

Thomas-Mann-Straße 27  
07743 Jena  
www.uvconcept.com



Official PURION Distributor  
**PURION**  
DIE SICHERSTE LÖSUNG



UVC-Desinfection  
**Made in Germany**