



PURION 2501 DUAL

For 110 – 240 V

50 – 60 Hz

DESCRIPTION

The guests of a hotel facility have the desire to find a pool in perfect condition. In order to achieve this, a lot of chemicals such as chlorine, flocculants, and pH value raisers and reducers are often added to the pool water. An alternative method to this chemical cudgel is purification using the physical process of UV-C disinfection. In this process, the DNA of algae and bacteria is specifically dissolved so that they die off. With the help of the PURION 2501 Dual, which is based on the concept of the PURION 2501, this process can be used perfectly for pools up to 100m³.

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.



Basic



Plus



Technical data

Manufacturer	PURION GmbH
Type	PURION 2501 DUAL
Throughput	28 m ³ /h pool water
UVC transmission	90% T1 cm
Water temperature	2°C to 40°C
Reactor	stainless steel 1.4571
Connection external thread	R 1 1/2"
Seal	FPM
Dimensions (LxW in mm)	2x 928 x 85
Flange distance	810 mm
Weight	2x 5,5 kg
Radiator service life	10.000h
Number of emitters	2
Dose	400J/m ²
Temperature Max	40°C
Housing protection	IP 65
Electrical connection	110 – 240V AC 50Hz/60Hz
Power	2x 90W
Fuse protection	10A

Scope of delivery

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

Contact

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PURION
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