Data sheet



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

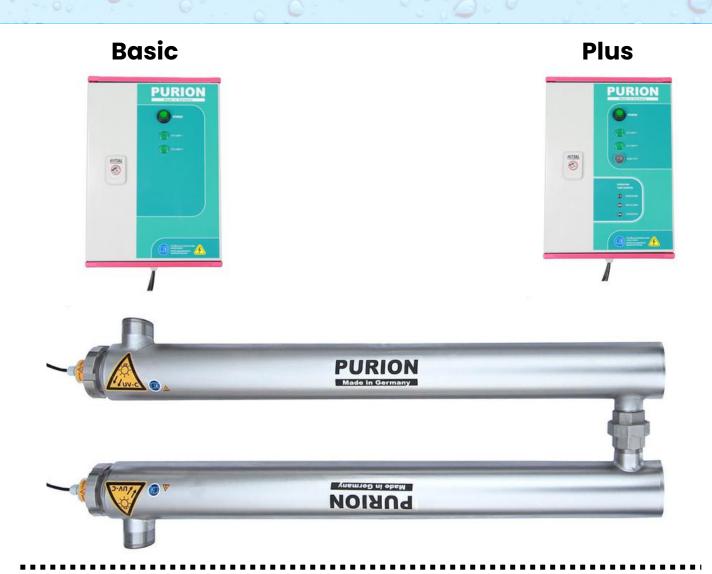
OPTIONAL MONITORING LEVELS



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.





Technical data

| Manufacturer | PURION GmbH |
|----------------------------|-------------------------|
| Туре | PURION 2501 DUAL |
| Throughput | 28 m³/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/m² |
| 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





UV Concept GmbH