



PURION 2500 H DUAL

For 110 – 240 V

50 – 60 Hz

DESCRIPTION

Many headlines in recent months and years repeatedly refer to the problem of legionella. These bacteria feel particularly at home in hot water circuits, which led to showers being banned in some flats by the health department. In this situation, which is very annoying for tenants, the PURION 2500 H can provide relief. The landlord is saved a lot of costs if he uses this system instead of heating the water by 20°C to 70°C at extremely high cost. The principle of UV-C disinfection is based on the fact that the DNA of the legionella is dissolved and they are killed absolutely reliably. Low energy costs and comparatively low replacement lamp costs are easy on the wallet.

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.

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 centre 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 present to ensure the promised flow.

Scope of delivery

- UV disinfection system
- 2x UV lamp (106 W)
- Operating instructions



Basic



Plus



Extra



Technical data

Manufacturer	PURION GmbH
Type	PURION 2500 H DUAL
Throughput	10.000l/h drinking water
UVC transmission	90% T1 cm
Water temperature	2°C to 90°C
Reactor	stainless steel 1.4571
External connection thread	R 1"
Seal	FPM
Dimensions (LxW in mm)	2x 928x42
Flange distance	850 mm
Weight	2x 3 kg
Lamp service life	8.000h
Number of radiators	2
Dose	400J/m ²
Temperature Max	90°C
Enclosure protection	IP 65
Electrical connection	110 – 240V AC 50Hz/60Hz
Power	2x 106 W
Fuse protection	10A

Contact

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