

## UV-Set PURION 14 W DUAL for installation

...stands out for its extraordinary disinfection performance, compact construction design and low energy consumption. It is manufactured in accordance with currently valid laws, standards and rules.



The UV Set DUAL consists of two quartz-made protective tube which are closed at one end while the other one is placed into stainless steel flanges, two UV radiators, one switching box with electronic cut-in unit and the connecting cables.

The stainless steel flanges have three boreholes by which they may be tightly screwed down (like for instance to the housing's walls). The function of the UV radiators being placed into the quartz-made protective tubes can be safely controlled through the stainless steel-made flanges transparent hood.

A control lamp will for instance be signalling lamp failure or cable breaking. A potential-free contact being connected therewith may be used for external signalling or connecting purposes. Optionally the UV-Set PURION 14 W DUAL can be equipped with an operating time counter or splinter protection.

UV radiators as used stand out for their long service life, high disinfection performance and low energy consumption. Power supply is done with 110-240 V 50/60 Hz.

Its compact construction allows for an easy replacement of lamps Or lamp exchange like for instance at the end of the radiator's service life. The quartz-made immersion tubes may be easily disassembled or respectively assembled for cleaning purposes.

manufacturer	PURION® GmbH
type	UV Set PURION 14 W DUAL
flow rate and disinfection performance	according to the medium and the vessel's geometrical structure, a calculation will be needed
radiation length	2 x 220 mm
dimensions flange's sealing area up to its end quartz-made tubes	312 mm
quartz-made tube's diameter	Ø 23 mm
flange's outer diameter	Ø 60 mm
hole circles' diameter flanges	Ø 48, 3x120°, Ø5,5
sealing	VITON / FPM
total weight	1,8 Kg
life time of lamps	10.000 h
number of lamps	2
maximum temperature	40°C
maximum operating pressure	10 bar
housing's type of protection	IP 65
electrical connection	110-240 V 50/60 Hz
total power	2 x 14 W
over current protection	10 A

### This UV set may be used for:

Air disinfection	•
Tank disinfection	•
Conveyor-band disinfection	•
Surface disinfection	•
Installation in air channelling systems	•

### Advantages:

- no chemicals added to the medium being disinfected
- does not affect smell or taste
- low-maintenance operation
- low operational costs

## Caution!

UV radiation is dangerous for your skin and eyes! Both your eyes and skin are to be appropriately protected. The user will be responsible for his own safety, as well as for the safety of people who are staying in areas where these radiators are being used. Please bear in mind that materials which are not UVC-resistant may be damaged.