PURION®
the best solution

UV-Set PURION 10 W short

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

Picture: PURION UV-Set 10W short/ optionally with splinter protection

The UV set consists of a quartz-made protective tube which is closed at one end while the other one is placed into a stainless steel flange, a UV radiator, the distribution box with its electronic cut-in unit and the connecting cables.

The stainless steel-made flange has three boreholes by which it may be tightly screwed down (like for instance to the housing's walls). The function of the UV radiator being placed into the quartz-made protective tube may be safely controlled through the stainless steel-made flange's transparent hood. A control lamp will for instance be signaling lamp failure or cable breaking. A potential-free contact being connected therewith may be used for external signalling or connecting purposes.

The PURION UV-Set can be optionally equipped with splinter protection.

UV radiators as used stand out for their long service life, high disinfection performance and low energy consumption. Power supply may alternatively be of 230 V/50 Hz, 110 V/60 Hz, 12 V DC or 24 V DC.

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 tube may be easily disassembled or respectively assembled for cleaning purposes.

manufacturer	**PURION® GmbH**
type	UV Set PURION 10 W short
flow rate and disinfection performance	according to the medium and the vessel's geometrical structure, a calculation will be needed
radiation length	145 mm
dimensions flange's sealing area up to its end quartz-made tube quartz-made tube's diameter flange's outer diameter hole circles´ diameter flange	 229 mm Ø 23 mm Ø 60 mm Ø 48, 3x120°, Ø5,5
sealing	VITON / FPM
weight	1 Kg
life time of lamps	10.000 h
number of lamps	1
maximum temperature.	40°C
maximum operating pressure	10 bar
housing´s type of protection	IP 65
electrical connection (optionally)	230 V/50 Hz or 110-240 V 50/60 Hz 12 V DC or 24 V DC
total power	10 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
- not affecting odour 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.