

PURION UV Lamp 48 W

...is characterized by compact construction and a high degree of efficiency respecting to disinfection and energy consumption. The construction design follows laws, standards and regulations.



Figure: PURION UV Lamp 48W

PURION low pressure UV Lamps are working without generating OZONE. They emit UV C radiation at a wavelength of 254 nm.

At this wavelength UV radiation is most effective against Bacteria, viruses and spores.

A special coating on the inside of the lamp tube guarantees stable UV C radiation.

The lamp's glass serves as a filter for UV radiation < 240 nm.

At the end of the guaranteed life time PURION UV Lamps emit at least 60% of the initial UV C radiation intensity.

PURION UV Lamps therefore provide disinfection of water, air and surfaces.

The guaranteed life time of 10.000 hours of operation is valid in case of not exceeded 6 switching operations of the UV Lamp per day (in average).

To keep the warranty valid the PURION UV Lamps needs to be operated with PURION electronic ballasts.

manufacturer	PURION® GmbH
type	PURION UV Lamp
lamp wattage	48 W
lamp current	800 mA
voltage at high frequency	70 V
life time	10.000 h
diameter	15 mm
length (without pin)	436 mm
length pin	8 mm

This PURION UV Lamp is applied at:

PURION 2000	•
PURION 2001	•
AIRPURION 48	•
AIRPURION ACTIVE 48	•
UV Set 48 W	•

Advantages

- Germs cannot become resistant to UV C radiation
- PURION UV Lamps do not generate OZONE
- Disinfection by means of PURION UV Lamps implies low costs compared to chemical methods