

## PURION UV Lamp 42 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 42W

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 8.000 hours of operation is valid in case of not exceeded 6 switching operations of the UV Lamp per day (in average).  
Due to a special Amalgam based technology the PURION UV lamp 42W can be operated within high temperature environments.

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	42 W
lamp current	1,2 mA
voltage at high frequency	36 V
life time	8.000 h
diameter	15 mm
length (without pin)	357 mm
length pin	8 mm
operating temperature	2°C bis 90°C

### This PURION UV Lamp is applied at:

PURION 1000 H	•
PURION 1000 DUAL H	•
AIRPURION 42	•
AIRPURION 42 MIDI	•
UV Set 42 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