

Installation - Manual

1. Goods delivered

- UVC-Module mounted in stainless steel with internal lining of specially reflecting surface.
- In external box, power supply for 230V transformer and hour counter (internal in box) is located.

2. Installation and operation

The installation and operation of the system is as required, and it can be mounted on walls, ceilings or other installations. Use an assembly should be based on a specific calculation.

Avoid touching quartz glass and bulb with bare hands to avoid grease stains that burn in the glass. The glass can be cleaned with alcohol-based cleaning agent. The quartz glass is covered with a teflon coating which ensures glass splintering.

3. Use of the UV unit

After connecting power to the system, the function of the lamp can easily be seen by a visual check. Avoid illuminating people and animals.



Note:

UV light is dangerous for both skin and eyes. Short-term illumination with UV light causes severe skin burns and eye damage.

The UV lamp must be installed and mounted in a safe position before it is switched on.



4. Error Description

In case of insufficient function and operation of the system, please check the following:

Possible causes

Correcting the problem

Contamination of the bulb

Cleaning (avoid using agents and tools which grinds) and preferably finish with alcohol-based agents to remove grease.

Expiration of the bulb

Change the bulb. Note that the bulb efficiency is guaranteed for 10,000 hours at a maximum of 6 daily on/ off. The efficiency is greatly decreasing then and the bulb should be replaced at the end of its life. Hour meter is mounted in the power box.

5. Cleaning and maintenance

Coatings and dirt on the system must be removed regularly and if needed.

Procedure: Switch off the lamp and detach the unit if necessary. Wear clean gloves when touching the quartz tube and finish with wiping with alcohol-based detergent.

Basically, all kinds of cleaning agents with low pH can be used. Do not use abrasives and cleaning tools.

6. Replacing the bulb

The bulb should be changed after 10,000 hours of operation – see hour counter, if built-in.

Turn off the system and let the bulb cool down.

Replacement of the bulb can take place without dismantling the system. Loosen the cable gland on the end of the fixture and remove the bulb from the clips. Then loosen the cable gland on the quartz glass. The gently pull the bulb out of the socket and remove the bulb.



Beware the bulb can be hot!

Attach the new bulb. Avoid touching the bulb with bare hands. Polish if needed the bulb with alcohol-based agent. Reinstall the bulb as it was removed.

7. Warranty regulations for UV low pressure lamps

The following guarantee is given on supplied UV low pressure lamps:

The basis for an assessment of a replacement is the assessment of the lamp by the supplier. This means that all complaints must be submitted after prior written agreement.

The total warranty period may not exceed years from the time of delivery.

- Up to 1,000 hours of consumption the lamp is completely replaced
- Up to 8,000 hours follow a replacement corresponding to the burning time
- If the original transformer is not used, the warranty will be reduced to 70% burn time.

If nothing else is stated, the number of on/off is set to 6 times per. day.

The burning time and start-up can be verified by suitable methods.

The use of the lamp must be through the use of the supplied voltage sensor, or by a voltage sensor that has been tested and approved by the supplier.

Glass breakage is not replaced.

If no separate agreement are made, these conditions apply.

