

---

# Installation - Manual

## 1. Goods delivered

- UVC module mounted in aluminum housing with highly polished reflectors.
- Power supply for 230V transformer for UV lamp
- UV bulb

---

## 2. Installation and operation

The installation and operation of the system can be vertical or horizontal.

Avoid touching the quartz glass and bulb with bare hands to avoid grease stains that burns in the glass. The glass can be cleaned with an alcohol-based liquid.

---

## 3. Use of the UV system

After connection to power on the system, the function of the lamp can be controlled via the transparent cap on the top of the plant at a slightly bluish light.



**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 first be switched on when the system is installed and mounted in a safe position.**



---

## 4. Error Description

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

**Possible causes**

**Correcting the problem**

Dirt of the plant

Cleaning (avoid using cleaning products and tools such as grinding) and preferably finish with alcohol-based liquid to remove any fat remains.

Expiration of lamp life

Change the bulb. Note that the bulb efficiency is guaranteed for 10,000 hours (14 months) and that the bulb remains lit after that period. The efficiency is greatly decreasing then and the bulb should be changed.

## 5. Cleaning and maintenance

Coatings and dirt on the system must be removed regularly.

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

Basically, all kinds of cleaning products 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 use.

Turn off the plant and let the bulb cool down.

Replacement of the bulb can take place without dismantling the plant. Slide the faceplate to the left of the system to the right. Then gently pull the bulb out of the socket and remove the bulb.

Beware of the bulb. It can be hot!

Attach the new bulb. Avoid touching the bulb with bare hands. Clean if possibly the bulb with alcohol-based liquid subsequently. 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 the lamp by the supplier. This means that all complaints must be submitted by prior written agreement.

The total warranty period may not exceed 2 years from the time of delivery.

- Up to 1,000 hours of consumption is complete replaced
- Up to 10,000 hours follow a replacement corresponding to the burning time
- If the original transformer is not used, the warranty will be reduced to 8,500 hours

If nothing else is stated, the number of on/ off is set to 3 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 one of a voltage sensor that has been tested and approved by the supplier.

Glass breakage is not replaced.

If no separate agreements are made, these conditions apply.

**CE**      **IP 54**