

UVCARE®

Instructions for use

Please read the entire instructions for use carefully, as they contain important information for safe operation. This product is freely available. To achieve the best possible success, however, it must be operated correctly and the safety regulations applied.

- Keep the instructions for use. Perhaps want to read it again later.
- Ask the seller or the manufacturer if you have more need information or advice.
- At the end of the life of the UVC light source, it must be yours security to be exchanged. The lamp is properly to dispose.

This leaflet includes

1. What is UVCARE® and what is it used for
2. What do you have to do before installing UVCARE® note
3. How is UVCARE® to be installed
4. What are the risks of UVCARE®?
5. How long can UVCARE® be operated?
6. Are there any side effects when using the UVCARE®
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1. What is UVCARE® and what is it used for?

This product is used to decontaminate the room air, which can be contaminated by viruses, bacteria or fungi, including those enclosed in aerosols. It can reduce the virus load in polluted rooms by up to 99.9%, whereby the type of virus determines the application time. Flu viruses, coronaviruses, viruses of almost all other infectious diseases, fungal spores, etc. can be inactivated. It can be assumed that mutations of known strains in your DNA will also be attacked and will no longer be able to replicate after exposure to radiation.

2. What do you have to consider before installing UVCARE®?

UVCARE® may only be used indoors. Before drilling the mounting screws, make sure that there are no power cables. Connect the device by inserting the Euro plug into a suitable socket.

The on / off switch for the device is also located on the device plug.

3. How is UVCARE® to be installed?

The most optimal installation is the suspension from the ceiling, followed by the horizontal wall installation, the vertical wall installation and the standing installation.

The ceiling suspension:

Screw the supplied support plates under the ceiling. Pay attention to a tight fit! Screw in the retaining screw for the wire rope. Insert the rope into the rope holder on one side and then screw it into the center of the cross holder (screw). Then thread the wire rope into the ceiling rope post and align it. Repeat these steps for the second bracket. The rope can be released again by pressing the outer ring of the rope holder. Hang the UVCARE® just above head height in order to achieve an optimal disinfection result.

The wall suspension:

Fix the screws horizontally or vertically in the wall at the appropriate distance from the cross bracket. Hang in the UVCARE®. The horizontal installation at head height gives a better result than the vertical installation. For reasons of design or space, the UVCARE® can also be installed vertically (perpendicular).

The stand installation:

The UVCARE® can also be installed as a portable stand solution with the help of optionally available feet. In this case you need an air intake plate with retaining screws and corresponding feet (M8 external thread - at least 80mm).

4. What are the risks of UVCARE®?

UVCARE® has a light source inside that emits extremely strong UV radiation. This radiation is encapsulated inside and cannot penetrate through the lamellar openings (intake - exhaust) to the outside. Since the UV rays can damage the retina as well as cells of the skin, the product must no longer be used, regardless of how damaged. When replacing the lamp, make sure that the power supply is only switched on after the UVCARE® has been completely closed.

We recommend having the light source exchange carried out by a specialist or in the production plant. This only has to take place after an operating time of 9000 hours (approx. One year of continuous operation). Do not use the product after the maximum light source duration has

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been exceeded.

Never insert objects of any kind into the intake or exhaust fins as this can damage the fan. The device is self-cleaning inside. Since there are no filter mats, there is no need to change the filter material. If necessary, clean the outside with a damp cloth and make sure that no liquid gets inside the UVCARE®.

If these safety instructions are observed, operation, even in 24h mode, is harmless.

The product is to be installed inaccessible to children.

In the event of any visible defects, the device must be shut down immediately and returned to the manufacturing plant for inspection.

5. How long can UVCARE® be operated?

There are no restrictions in operation. 24h operation is permitted. Since an optimal disinfection result is only achieved after the room air has been circulated approx. 4-8 times, appropriate lead times should be taken into account.

After a running time of min. 9000h the UVC lamp must be exchanged to/for a similar one.

First, the UVCARE® must be completely disconnected from the power supply and opened by unscrewing the locking screw and the suction cover. The tube can be removed by turning it through 90° (rotary plug socket) and the replacement tube can be inserted in the same way. Then secure the cover by twisting it and screw in the locking screw. Only then reconnect the power supply. The tube contains Hg and must be disposed of in accordance with local regulations that also apply to fluorescent tubes.

6. Are there any side effects when using the UVCARE®?

UVCARE® destroys the ability of microorganisms, viruses and bacteria to multiply. This allows ozone to be released in a purely physical process. However, the concentration is always well below the European limit values. In the circulating air, ozone automatically splits into oxygen and hydrogen within a short time. It is possible that you will notice the ozone-typical odor when there is a high level of air pollution. However, this disappears after a short time.

The noise level of the UVCARE® is very low at approx. 39dB. However, people can feel disturbed by the noise of the fan in a completely quiet environment.

If you notice any side effects, please inform the manufacturer specified in these instructions for use.

7. More information

UVCARE® disinfection lights adhere to an extremely strong UVC lamp. Never look directly into the light source and never expose the skin of humans or animals to the light source unprotected, otherwise the cells can be severely damaged.

UVCARE® is not a complete replacement for protective masks and other hygiene measures, but complements them accordingly.

UVCARE® is available in different UVC strengths, sizes and power consumption. The exact version can be found on the nameplate of the UVCARE®.

UVCARE® must be disposed of in accordance with local regulations.

Housing protection class	IP 20
electrical connection	220-240 V 50/60 Hz
Power	34 W/h
Electrical protection	5 A



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