

Operation Manual

Ozon generator Ozon-Air 1.62 mg/h 7004009



Illustration similar, may vary depending on model

Read and follow the operating instructions and safety information before using for the first time.

Technical changes reserved!

Due to further developments, illustrations, functioning steps, and technical data can differ insignificantly.

Updating the documentation

If you have suggestions for improvement or have found any irregularities, please contact us.

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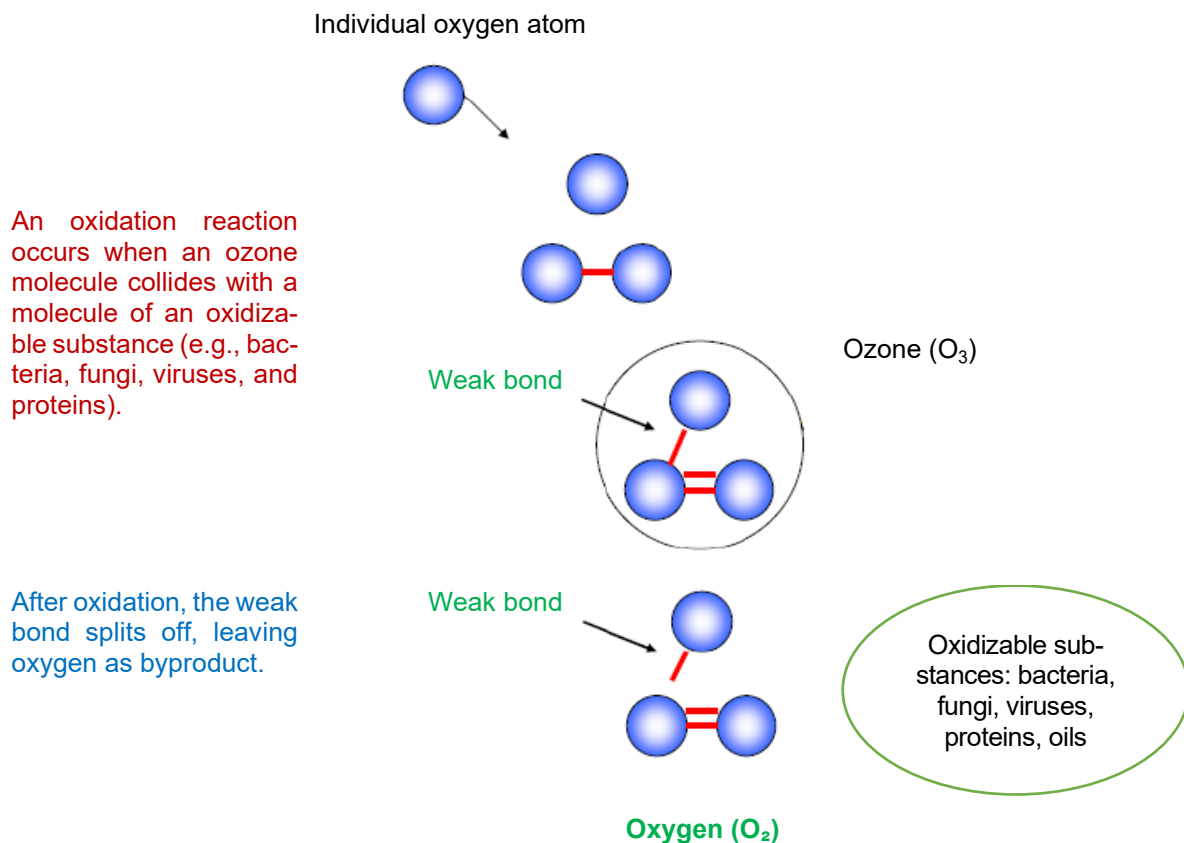
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Introduction

Thank you for purchasing this quality product. **To minimise the risk of injury we urge that our clients take some basic safety precautions when using this device. Please read the operation instructions carefully and make sure you have understood its content.** Keep these operation instructions safe.

Ozone, what is that?


- Ozone (O_3) is an unstable molecule made of three oxygen atoms.
- Ozone is naturally generated while oxygen in atmospheric air reacts with ultraviolet radiation or electric discharges during a thunderstorm.
- Ozone is a natural disinfectant, which means that no harmful chemicals are produced during disinfection. The one and only byproduct is oxygen.



Ozon-Air

The Ozon-Air device is controlled by an energy-efficient electronic control unit. It has particularly been developed and produced for koi ponds. This device only produces a small quantity of ozone, which helps in destruction of algae and scales on air dispensers. Furthermore, water clarity is improved and the content of dissolved and organically bound carbon is reduced.

Commissioning

 **Caution!** This device is only suitable for operation with air.
The Ozon-Air device has only been developed for operation with air and must be installed between the air pump and air dispenser.

Electric connection

Only connect the device to a 230 V alternating current energy source. The socket must have been correctly installed. The plug and all electric connections must be dry! For the device to be protected from too high a voltage, it needs to be protected by a circuit breaker with a triggering current of 30 mA.

Using the device

Connect an air hose from the outlet of your compressor to the inlet of the Ozon-Air device and another air hose to the outlet of the device and the air dispenser. The Ozon-Air device may now be put into operation. The Ozon-Air device produces approx. 0.027 mg ozone per minute (1.62 mg_h) and only consumes 9 W energy. The Ozon-Air device must be installed so that it is splash-proof and frost-free.

Replacing the lamp


 **Caution!** Before performing any maintenance work, pull out the plug.

Fig. 1
shows the Ozon-Air unit completely assembled.



Fig. 2
Untighten the cover screws.



Fig. 3
Carefully untighten the black plug connection from the lamp (do not pull the cable).



Fig. 4
Carefully untighten the counter nut.



Fig. 5
Carefully remove the lamp from the Ozon-Air device housing.



Fig. 6
Insert the new lamp and a new O-ring.



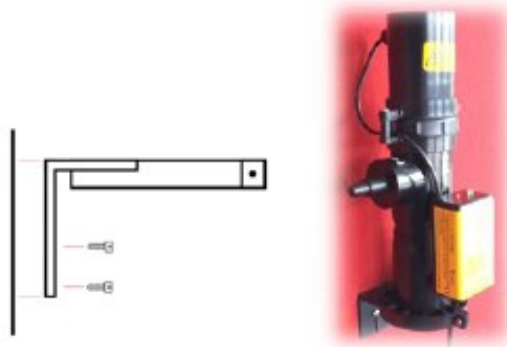
Assembling the device

Follow the steps 1–5 in reversed order.

Wall holder

Fig. 7

Fix the wall holder included to the bottom of the device; make sure that it is vertical.



The Ozon-Air device is equipped with an error indication:

Red indicator on	Current switched on
Red indicator off	No current
Green indicator on	Lamp on
Green indicator off	Error

1. In case the right indicator is off, check the fuses.
2. In case the green indicator is off, check the lamp.

Troubleshooting table

Red LED is not switched on any longer	In case the red LED is not switched on any longer, the device has no electricity. Check if the plug is plugged in and the cable is not damaged.
Green LED is not switched on any longer	In case the green LED is not switched on any longer, but the red LED is functional, the Ozon-Air device has detected an error. A voltage fluctuation might switch the device off.
Resetting the device	<ol style="list-style-type: none"> 1. Disconnect the energy source (by pulling out the plug). 2. Wait a minute until the Ozon-Air device has reset itself. 3. Re-switch the device on.
The device has not reset by itself	<p>If humidity is inside the device, it cannot reset itself.</p> <ol style="list-style-type: none"> 1. Switch off the device by pulling out the plug. 2. Untighten the cover, the plug connection, and the counternut (see Fig. 3 and 4), check if these elements or the lamp have humidity. 3. Dry the inner parts of the device so that there is no more humidity. 4. Reinstall the counternut and the black plug connection. 5. Re-screw the cover. 6. Re-switch the device on.

Changing the lamp

Change the lamp after 8 months; only use Ozon-Air spare lamps.

1. While changing the lamp, make sure that the plug connections and the plugs are correctly connected.
2. While changing the lamp, always use a new O-ring.

Warning!

1. Never look directly into a switched-on lamp.
2. Never plunge the device in water.
3. The device is air-cooled. Never operate it without airflow.

Technical specifications

Size (mm)	140 × 140 × 350
Voltage (V)	230
Frequency (Hz)	50
UVC power (W)	9
Connections (mm)	12 (1/2") / 19 (3/4")
Ozon flow rate (mg/h)	1.62

Disposal regulations

EU guidelines regarding the disposal of scrap electric appliances (WEEE, 2012/19/EU) were implemented in the law related to electrical and electronic equipment and appliances.

All WiITec electric devices that fall under the WEEE regulations are labelled with the crossed-out wheeled waste bin logo. This logo indicates that this electric equipment must not be disposed with the domestic waste.

The company WiITec Technik GmbH has been registered in the German registry EAR under the WEEE-registration number DE45283704.

Disposal of used electrical and electronic appliances (intended for use in the countries of the European Union and other European countries with a separate collection system for these appliances).

The logo on the article or on its packaging points out that this article must not be treated as normal household waste but must be disposed to a recycling collection point for electronic and electrical waste equipment. By contributing to the correct disposal of this article you protect the environment and the health of your fellow men. Environment and health are threatened by inappropriate disposal.



Material recycling helps reduce the consumption of raw materials.

Additional information on recycling this article can be provided by your local community, municipal waste disposal facilities, or the store where you purchased the article.

Address:
WiITec Wildanger Technik GmbH
Königsbenden 12 / 28
D-52249 Eschweiler

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