

# OZONAIR

OZONE GENERATOR  
**HM-10000-OG/LS**

Instructions to use



**Interior disinfection**  
removes viruses • bacteria • mould • bad smells

## OZONE GENERATOR

**Model No.: HM-10000-OG/LS**

230V 50Hz 100W

Ozon O<sub>3</sub> 10000mg/h

suitable for areas of up to 200 m<sup>2</sup>

**WARNING:** Do not remove the cover, danger of electric shock.

Do not immerse in water. Do not use the device in a wet environment with relative air humidity exceeding 80%.

After the end of a working cycle, sufficient air exchange must be ensured in the treated room. The device may be operated by a person older than 18.

Attention! Ozon O<sub>3</sub> is toxic at higher concentrations. Before using the device the operator is required to read the instructions. These instructions can be found on [www.ozonair.cz](http://www.ozonair.cz)



**CAUTION  
ELECTRICAL APPLIANCE**



**DO NOT EXTINGUISH WITH WATER  
OR A FOAM FIRE EXTINGUISHER**

Before using the device,  
read the entire Instructions to use carefully!

Only use in empty rooms  
The device may be operated by a person  
older than 18  
Protect from children

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## HOW IT WORKS

The ozone generator generates ozone O<sub>3</sub> through a special process that uses electricity and oxygen. Ozone O<sub>3</sub> removes bad smells, destroys microorganisms, viruses, bacteria and other harmful substances. In the nature, O<sub>3</sub> is produced as a natural air purifier in various ways. E.g. after a thunderstorm when clean fresh odour is perceived in the air. This is what is caused by ozone O<sub>3</sub>.

Normal oxygen (O<sub>2</sub>) changes to ozone O<sub>3</sub>. After about an hour, ozone gets spontaneously decomposed back to oxygen.

Ozone can only be used in closed rooms without any presence of people, animals or plants. Nobody should enter the room within 2 hours after ozone treatment. After treatment, the room should also be ventilated for at least 30 minutes. Never inhale ozone directly from the device. Only produce such an amount of ozone corresponding to the room size. Make sure that no flammable gases or explosive materials are present near the ozone generator. This device does not use UV radiation. Before handling ozone, carefully read the Instructions to use and observe all safety precautions.

### **Note to parts that are subject to wear:**

The ceramic plate for ozone production is a consumable part and should be replaced after 6 months or 6,000 operation hours. The wear of the consumable part (ceramic plate) is not covered by the device warranty. You can purchase a new ceramic plate in our e-shop at [www.ozonair.cz](http://www.ozonair.cz), or you can order it by e-mail or phone.

### **How does the ozone generator work?**

Air is aspirated into the generator through the rear side with a fan. Inside the generator, the air is filtered with a filter and guided over an integrated ceramic plate where oxygen is converted into ozone through an electric discharge. From there, ozone is subsequently released through the front part of the device, back to the treated room.

## FUNCTION

### front side



### Parts

### Description

#### Timer/ control button

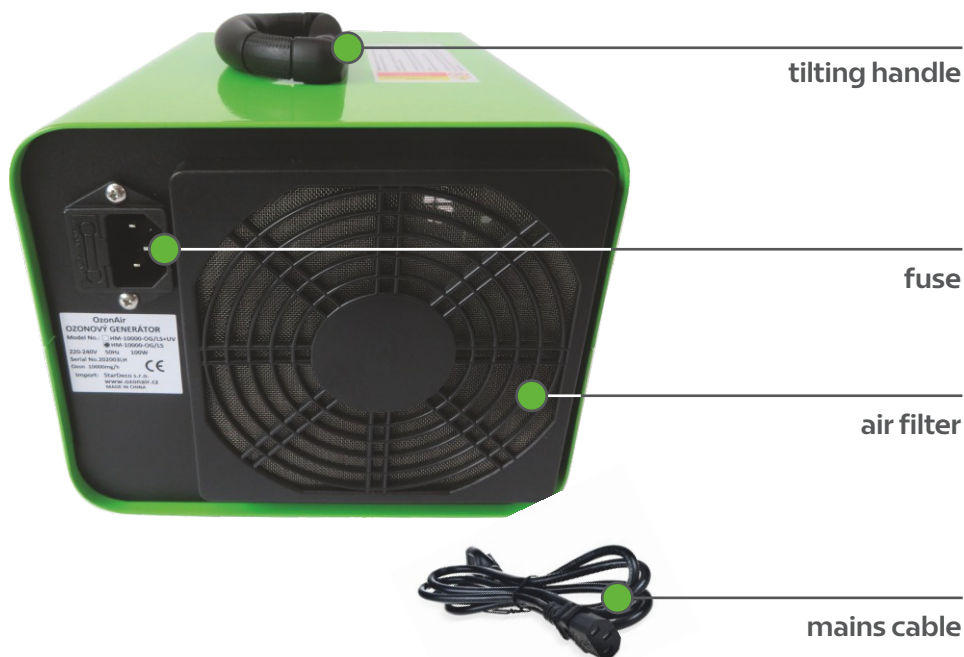
Turn the timer clockwise up to 120 min. To set continuous operation, turn the timer counter-clockwise to the HOLD position.

#### Indicator light

The indicator light is on as long as the device is in operation.

## FUNCTION

### rear side



Parts	Description
<b>Air filter</b>	Removable air filter. Washable.
<b>Mains cable</b>	Mains cable with grounding. CAUTION – the device may only be connected to a grounded 230V socket.
<b>Fuse</b>	Removable fuse. (4 amp 250V, 30x6mm)
<b>Handle</b>	Carrying handle for easy transport.

## SETTING

### control button



The device is equipped with a timer that can be set up to 120 min. The timer is activated by turning clockwise. Also, continuous operation of the device can be set. If you want to use the device for a long time, turn the control button counter-clockwise to the Hold position. The ozone generator can only be used in empty rooms!

**OFF:** The ozone generator is off.

**HOLD:** The ozone generator works in the continuous mode.

**120min timer:** You can set the number of minutes during which the generator will be active. Then, it will be switched off.

### Recommended operation times for rooms of various sizes:

Ozon	16 m <sup>2</sup>	30 m <sup>2</sup>	50 m <sup>2</sup>	80 m <sup>2</sup>	100 m <sup>2</sup>	150 m <sup>2</sup>	>150 m <sup>2</sup>
10g	12min	25min	40min	60min	80min	120min	Hold

Application



## TROUBLESHOOTING

**If you experience a problem with the product,  
proceed as follows:**

- 1. The product is properly connected to the electric mains and on.**
- 2. The electric socket is live.**
- 3. The ozone plates are clean, dry and without cracks.**

Clean the ozone plate once a month. The working environment influences the service life of the ozone plate. If ozone production is poor, clean or replace the ozone plates. The manufacturer recommends the ozone plates should be replaced once every 6 months if the device is used regularly.



Press the lock, grasp the ozone plate holder and gently remove the ozone plate from the holder.

Replace the old ozone plate with a new plate having the respective parameters. Do not use plates of other manufacturers to avoid damage of your device. The ozone plate must be dry. Make sure the plate is properly inserted in the contact location and in a proper position.

To enhance efficiency of the device, we recommend you to regularly remove dust from the plate. The procedure of removing the plate is described above. The plate can be cleaned with a wetted cloth, before replacement, the ozone plate must be left to dry completely.



## TROUBLESHOOTING

**If you experience a problem with the product,  
proceed as follows:**

**4. The fuse is installed properly and is functional.**

To replace the fuse, turn the fuse holder counter-clockwise until you unscrew it. Then, remove the old fuse and replace it with a new one (fuse 2 A).

**5. The ozone generator must be properly grounded,**

i.t. it must be connected to a grounded socket to prevent an electric shock.

**If the problem with the fan persists, or the device  
does not emit any sound during operation, contact us,  
see our contact information below.**

**Importer:**

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