AIROZON® 10000

EN

ORIGINAL INSTRUCTIONS
OZONE GENERATOR

TROTEC

TRT-BA-AIROZON®10000-TC230104TTRT01-003-EN

Table of contents

Notes regarding the instructions

Symbols

Warning of electrical voltage
This symbol indicates dangers to the life and health of persons due to electrical voltage.

Warning
This signal word indicates a hazard with an average risk level which, if not avoided, can result in serious injury or death.

Caution
This signal word indicates a hazard with a low risk level which, if not avoided, can result in minor or moderate injury.

Note
This signal word indicates important information (e.g. material damage), but does not indicate hazards.

Info
Information marked with this symbol helps you to carry out your tasks quickly and safely.

Follow the manual
Information marked with this symbol indicates that the instructions must be observed.

Follow the manual
Information marked with this symbol indicates that you should wear breathing protection.

You can download the current version of these instructions via the following link:

Airozon® 10000

https://hub.trotec.com/?id=44531

Safety

Read this manual carefully before starting or using the device. Always store the manual in the immediate vicinity of the device or its site of use.

Warning
Read all safety warnings and all instructions.
Failure to follow the warnings and instructions may result in electric shock, fire and/or serious injury.
Save all warnings and instructions for future reference.

- Do not use the device in potentially explosive rooms or areas and do not install it there.
- Do not use the device in aggressive atmosphere.
- Do not operate the device near open fire or gas appliances.
- Only put up the device in an upright, stable position on firm ground.
- Let the device dry out after a wet clean. Do not operate it when wet.
- Do not use the device with wet or damp hands.
- Do not expose the device to directly squirting water.
- Do not expose the device to liquids as it is not protected against splash water.
- Never insert any objects or limbs into the device.
- Do not cover the device during operation.
- Do not sit on the device.
- This appliance is not a toy. Keep away from children and animals.
- Check accessories and connection parts for possible damage prior to every use of the device. Do not use any defective devices or device parts.
- Ensure that all electric cables outside of the device are protected from damage (e.g. caused by animals). Never use the device if electric cables or the power connection are damaged!

- The mains connection must correspond to the specifications in the Technical annex.
- Insert the mains plug into a properly secured mains socket located outside of the room to be cleaned. This enables you to switch the device off in case of an emergency without having to access the room.
- Observe the technical data when selecting extensions to the power cable. Completely unroll the extension cable. Avoid electrical overload.
- The device must be maintained at least once a year (see chapter Maintenance).
- Before carrying out maintenance, care or repair work on the device, remove the mains plug from the mains socket. Hold onto the mains plug while doing so.
- Switch the device off and disconnect the power cable from the mains socket when the device is not in use.
- Check the power cable and mains plug for damage. If you notice damages, do not try to take the device back into operation. Order a new power cable with mains plug from Trotec and replace the defective power cable with mains plug with the new one.
  Defective power cables pose a serious health risk!
- When positioning the device, observe the minimum distances from walls and other objects as well as the storage and operating conditions specified in the Technical annex.
- Make sure that the air inlet and outlet are not obstructed.
- Make sure that there are no loose items or dirt located in the immediate surroundings of air inlet and air outlet.
- Do not expose the device to heat or direct sunlight.
- Never put the device into operation whilst the cover is not completely closed.
- Make sure that the suction side is kept free of dirt and loose objects.

Specific safety warnings for the operation of ozone generators

The device uses ozone for air purification. It is a gas that – due to its oxidative characteristics – can cause severe health damage if inhaled. Direct exposure to and intake of ozone is toxic for humans, animals and plants. For this reason the following safety measures must be observed by all means:

- Once the device has been started as well as during the cleaning process there must be neither people nor animals in the room to be cleaned. Also remove any plants.
- Leave the room immediately once the device has been started.
- After completion of the cleaning process you must wait until the ozone concentration has dropped below a value of 0.2 mg/m^3 before entering the room again. Check the present concentration by means of an ozone meter available for purchase from Trotec (OZ-ONE) or in a specialist shop. Wear a respirator mask with ozone filter.
- Make sure to seal off all openings of the room to prevent ozone from escaping to the environment.
- Clearly indicate a room's ozone treatment for others and make sure that the room concerned cannot be accessed. Suitable warning signs may be obtained from Trotec.
- Ensure a sufficient supply of fresh air and/or an appropriate air exhaust in the treated rooms once the process has been completed.

Intended use

Only use the device in closed rooms whilst adhering to the technical data and safety instructions.

The device may only be used in the commercial sector and in the industry, especially

- for the professional elimination of odours after fire or water damages,
- for the sterilization of rooms (killing viruses, bacteria, mould and other microorganisms).

The device may only be used by especially trained expert staff.

Foreseeable misuse

- Do not use the device as private individual or at home / in a domestic environment.
- Do not place the device on wet or flooded ground.
- Do not place any objects, e.g. clothing, on the device.
- Do not use the device out of doors.
- Any use other than the intended use is regarded as a reasonably foreseeable misuse.
- Any unauthorised modifications, alterations or structural changes to the device are forbidden.

Personnel qualifications

People who use this device must:

- have been trained in handling the device and be aware of the dangers that occur when working with the oxidising agent ozone.
- have read and understood the instructions, especially the Safety chapter.

Residual risks

Warning of electrical voltage
Work on the electrical components must only be carried out by an authorised specialist company!

Warning of electrical voltage
Before any work on the device, remove the mains plug from the mains socket!
Do not touch the mains plug with wet or damp hands.
Hold onto the mains plug while pulling the power cable out of the mains socket.

Warning
Dangers can occur at the device when it is used by untrained people in an unprofessional or improper way!
Observe the personnel qualifications!

Warning
The device is not a toy and does not belong in the hands of children.

Warning
Risk of suffocation!
Do not leave the packaging lying around. Children may use it as a dangerous toy.

Warning
Risk of injury caused by inhalation of ozone!
The following symptoms could be indicative of poisoning or an irritation caused by ozone:
- eye irritations – conjunctivitis, stinging and watering eyes
- strong urge to cough
- shortness of breath – chest tightness
- pain while inhaling
- dizziness, light-headedness
- headache
- feeling of faintness

Exit the room to be cleaned immediately after the device has been switched on.
Do not enter the room whilst the air purification is in progress.
Should you experience one or more of the above symptoms relating to the use of the odour neutraliser, seek medical treatment immediately!

Note
Do not operate the device without an air filter inserted into the air inlet!
Without the air filter, the inside of the device will be heavily contaminated. This could reduce the performance and result in damage to the device.

Note
Do not use abrasive cleaners or solvents to clean the device.

Behaviour in the event of an emergency

1. In an emergency, disconnect the device from the mains feed-in: Hold onto the mains plug while pulling the power cable out of the mains socket.
2. In an emergency only enter the room to be cleaned wearing a respirator mask fitted with ozone filter and ensure a sufficient supply of fresh air.
3. Do not reconnect a defective device to the mains.

Information about the device

Device description

Ozone is a very powerful oxidising agent with the ability to eliminate bacteria, viruses, gases and toxins. The oxidising agent ozone breaks down the existing molecules. The ozone is generated by the device in an electrical discharge procedure and emitted to the room air at a high concentration. You can use the device to eliminate e.g. pathogens, but also cooking smells or musty odours as well as burnt smell. The applied method is similar to the natural air purification during a thunderstorm.

Operating principle

The ozone is generated through high-voltage discharge. The high voltage creates extremely high electric field strengths in the discharge unit. This leads to numerous brief barrier discharges between the electrodes.

The integrated fan sucks in ambient air through the air filter at the rear of the device, leads it past the electrodes of the ozone unit and then emits the now ozone-containing air back into the room.

No chemicals are required for the ozone generation, hence this process causes no damage to the environment. When the device has been switched off and the cleaning process has been completed, the remaining ozone in the room air will decompose into normal divalent oxygen (O_2).

Formation, perception and distribution of ozone

The word ozone has become an integral part of our vocabulary and the colourless, toxic gas is part of our everyday life. The irritant effect ozone can have on our eyes and airways has been common knowledge for a few years now, especially since the increasing ozone volume can be attributed to the so-called summer smog. Ozone is further generated during certain industrial processes.

Ozone (chemical symbol: O_3) consists of three oxygen atoms. Ozone is created wherever oxygen molecules (O_2) in the air are turned into atoms (O) due to electrical energy or UV radiation. It is these atoms that can react with the oxygen molecules to form ozone (O_3).

In case of a high solar irradiation ozone forms involving other air pollutants. The nitrogen oxides (NOx) from automobiles, domestic heating systems, power plants and the industry play a major role in this.

Depending on the concentration, ozone can have a very intense smell similar to chlorine, hay or carnations, odours that can be smelled in mountain areas. By nature, the human nose is already vastly superior to most measuring devices: It detects the gas with a concentration of as little as 0.01 ml/m^3. What this means when compared to other irritant gases is that we humans can already detect even minor quantities of ozone which gives us the opportunity to take corresponding precautions to avoid any hazard caused by the gas in due time. However, our nose also has a crucial disadvantage compared with measuring devices: the so-called *habituation effect*. After only a brief period of time spent in an ozone-polluted environment we become so acclimated to the smell that we go noseblind.

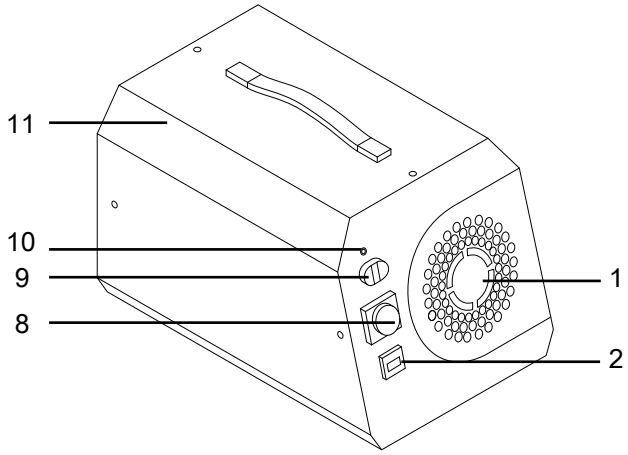
The impact of ozone on human beings

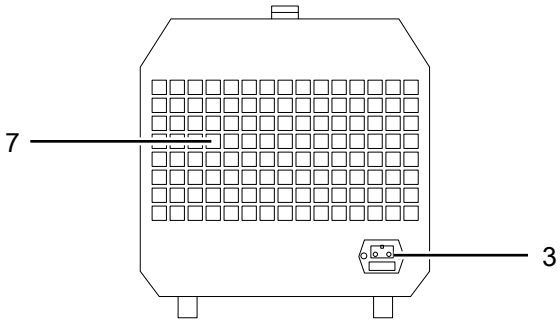
The sensitivity to ozone depends on its concentration and varies for each individual. Ozone is an oxidative irritant gas, affecting eyes, nose, pharynx and lungs even at low concentrations. The mucous membranes are unable to stop it seeing as ozone is hardly soluble in water. As a result, the gas can be carried deeper into the lungs than other irritant gases. Concentrations of 200 µg/mm^3 and higher can cause the following symptoms:

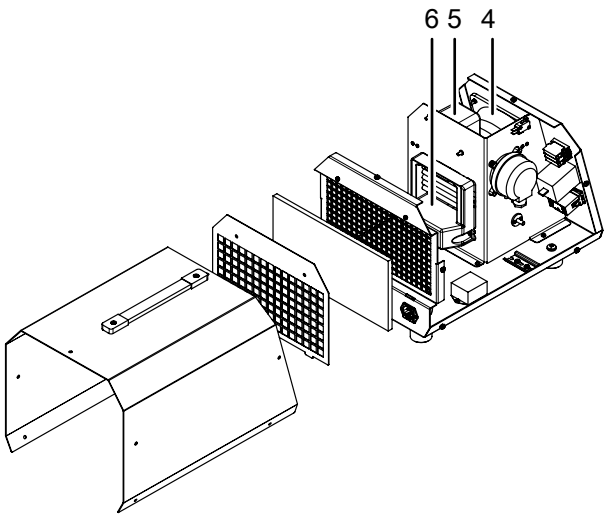
- irritations of the mucous membranes, eyes and the respiratory tract
- hoarseness, coughs and headaches
- feeling of constriction behind the sternum
- reduced physical performance

The main damage is caused in the respiratory tract which can lead to breathing difficulties and a reduced respiratory volume. Late complications can include nosebleeds, a bronchitis (or tracheitis) or a pulmonary oedema. But the transition from irritations without lasting consequences to long-term changes with pathological significance is very smooth.

Device depiction







No.	Designation
1	Air outlet
2	Operating hours counter
3	Mains supply
4	Fan
5	Power adapter
6	Ozone electrode
7	Air inlet
8	Timer switch
9	On/off switch with operating light
10	LED display
11	Housing

Transport and storage

Note

If you store or transport the device improperly, the device may be damaged.
Note the information regarding transport and storage of the device.

Transport

To make the device easier to transport, it is fitted with a carry handle.

Before transporting the device, observe the following:

- Switch the device off.
- Hold onto the mains plug while pulling the power cable out of the mains socket.
- If the device was previously in use, wait until the end of the calculated regeneration period (see Shutdown chapter) before transporting the device.
- Do not use the power cable to drag the device.
- During transport, protect the device against shifting and vibrations to avoid electrode damage.

After transporting the device, proceed as follows:

- Set up the device in an upright position after transport.

Storage

When the device is not being used, observe the following storage conditions:

- Store the device in a dry location and protected from frost and heat.
- If required, use a cover to protect the device from invasive dust.
- If necessary, stack several devices.

Assembly and start-up

Scope of delivery

- 1 x manual
- 1 x device
- 1 x Power cable

Unpacking the device

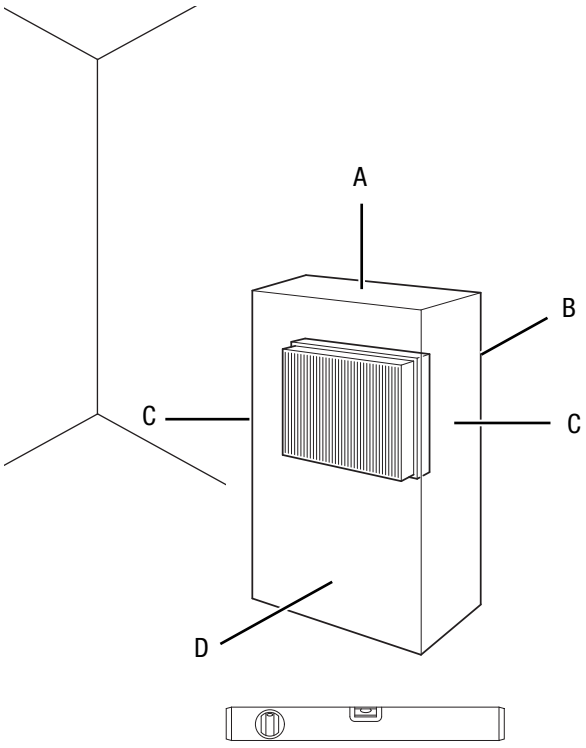
1. Open the cardboard box and take the device out.
2. Completely remove the packaging.
3. Fully unwind the power cable. Make sure that the power cable is not damaged and that you do not damage it during unwinding.

Assembly

The floor fan is supplied completely pre-assembled.

Start-up

When positioning the device, observe the minimum distance from walls or other objects as described in the chapter Technical annex.



- Before starting the device, check the condition of the power cable. If there are doubts as to their sound condition, contact the customer service.
- Only put up the device in an upright, stable position on firm ground.
- Make sure the device is only placed on firm, dry and vibration-free ground.
- Position the device as close as possible to the centre of the room to ensure an optimum air circulation.
- When positioning the device, keep a sufficient distance to heat sources.
- Make sure that no curtains or other objects interfere with the air flow.
- Do not position the device near inflammable substances and gases.
- Make sure that the air inlet and outlet are not obstructed.
- Make sure that the device is protected from spray water.
- Do not create tripping hazards when laying the power cable or other electric cables, especially when positioning the device in the middle of the room. Use cable bridges.
- Make sure that extension cables are completely unrolled.
- The room temperature should be approx. 5 °C higher than the usual room temperature.

Preparation of the cleaning cycle for odour neutralisation

Note

Carry out the following steps prior to each cleaning cycle for odour neutralisation!

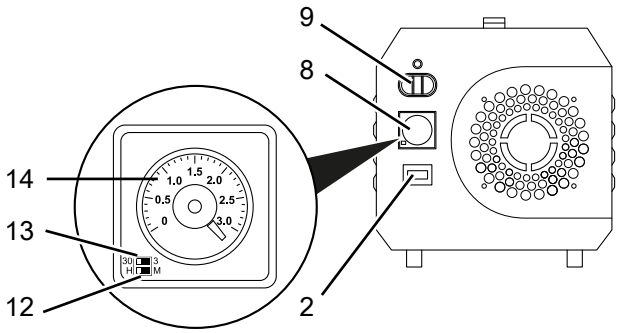
1. Attach warning signs outside the room which indicate the presence of high ozone concentrations and the related hazards.
2. Make sure that neither humans nor animals are situated in the room to be cleaned or enter the room during the treatment process.
3. Position the device in the centre of the room.
4. Connect the power cable and insert the mains plug into a properly secured mains socket located outside of the room to be cleaned.
   ⇨ Observe that the mains cable is lead through an opening which has to be sealed. A door crack beneath the door leaf or a small window will prove suitable for this purpose, for instance.
5. Seal off all openings of the room to be cleaned. It must be accomplished in a way to prevent ozone from escaping to the environment. The door just has to be sealed to the point where you can still open and close the door.

Operation

Note

Avoid open doors and windows.

Operating elements



No.	Designation
2	Operating hours counter
8	Timer switch
9	On/off switch with operating light
12	Rotary control for treatment duration
13	Time scale selector switch
14	Time unit selector switch

Switch-on / switch-off

Warning

Risk of injury caused by ozone!

Exit the room as soon as you have switched the device on so as to prevent contact with ozone.

1. Set the on/off switch (9) to **I** to switch the device on.
   - ⇨ The On/off switch (9) is illuminated.
   - ⇨ The ozone generation will start one minute after the device has been switched on.
   - ⇨ When the ozone electrode is active, the operating light (in the centre of the on/off switch (9)) is continuously illuminated.
2. Set the on/off switch (9) to **0** to switch the device off again.
   - ⇨ The on/off switch (9) is no longer illuminated.

Setting the treatment duration

Info

The *A/B* switch above the timer (not depicted in the instructions) has no function and does not need to be considered further.

Using the integrated timer (8) you can set the treatment duration to a period from 0 to 30 hours. After the expiration of this time the device will switch off automatically.

Info

The device comes with a switch-on delay function of one minute. Take into consideration that no ozone will be generated during the first minute of the set treatment duration yet. Always set the treatment duration to more than one minute.

The timer comes equipped with two selector switches for setting the time units (13 and 14) as well as with a central rotary control (12) for the treatment duration.

Time units

Determine the time unit by means of the time unit selector switch (14). You can choose between an input of minutes or hours:

- Minutes: Set the time unit selector switch (14) to **M**.
- Hours: Set the time unit selector switch (14) to **H**.

Use the time scale selector switch (13) to determine whether the indicator scale shall be used for 3 or 30 time units.

If 30 units have been set via the time unit selector switch, the scale displays a time span of 0–30 time units. If you have selected the 3 units setting, the scale displays a time span of 0–3 time units.

Duration

You can set the duration by means of the rotary control for treatment duration (12).

Example:

Time to be set: 2.5 hours.

1. Slide the time unit selector switch (14) to the left to the position **H** (hours).
2. Slide the time scale selector switch (13) to the right to position **3**.
   - ⇨ The scale of the rotary control for treatment duration (12) indicates the time frame of 0–3 hours.
3. Turn the rotary control for treatment duration (12) to set the desired time value (2.5 hours).

Recording of the operating time

Note

The operating hours counter only counts the time during which the ozone electrode is activated. The start-up time (one minute) is not included.

Via the operating hours counter (2) you can view for how long the device has already been in operation.

The number of elapsed operating hours can be used for the calculation of the energy consumption. Use the following formula:
0.235 kW x operating hours.
The result will be no more than an approximate value of the average consumption. For the precise determination of the current consumption you should additionally install an ammeter between device and energy source.

Carrying out odour neutralisation / air purification

Note

The ozone generator will operate until the end of the set cleaning period. Afterwards it will switch off automatically.
If you want to switch off the device before the time set has elapsed, you can disconnect the mains plug. Disconnecting the mains plug is an option for switch-off in the event of an emergency or in the case of unforeseeable circumstances. In all other cases, please wait until the time set has elapsed.

Warning

Risk of injury caused by inhalation of ozone!
The following symptoms could be indicative of poisoning or an irritation caused by ozone:
- eye irritations – conjunctivitis, stinging and watering eyes
- strong urge to cough
- shortness of breath – chest tightness
- pain while inhaling
- dizziness, light-headedness
- headache
- feeling of faintness

Exit the room to be cleaned immediately after the device has been switched on.
Do not enter the room whilst the air purification is in progress.
Should you experience one or more of the above symptoms relating to the use of the odour neutraliser, seek medical treatment immediately!

Please proceed as follows to perform an air purification:

✓ You have carried out the preparatory steps mentioned under Start-up, *Preparation of the cleaning cycle for odour neutralisation*.

1. Set the desired treatment duration by means of the timer.
2. Set the on/off switch (9) to **I** to switch the device on.
   ⇨ The On/off switch (9) is illuminated.
   ⇨ The cleaning cycle will start after one minute.
3. Exit the room directly after having started the device.
4. Close the door and seal all remaining openings.
5. The ozone generator will now operate until the end of the set cleaning period. Afterwards it will switch off automatically.

Operating parameters

The duration of the cleaning process can differ depending on the conditions. Factors to be taken into consideration include:

- Type of exposure
- Intensity
- Room size and temperature
- Material composition of the object to be treated
- Exposure time and depth up to which the material has been affected

If an odour elimination is carried out in an unheated room which will later be used at higher temperatures, there is a risk of subsequent evaporation. For this reason the room temperature should always be approx. 5 °C higher during the purification process as compared to the later usage temperature.

The values below are to serve as a general reference for the determination of the treatment duration:

Type of odour	**Treatment duration given in min**	
	Room size < 30 m³	**Room size 30 – 60 m³**
Car treatment	40	80
Animal, cooking and waste smells	40	80
Smell of burning / chemicals	80	120
Musty odour after water damage	80	120
Smell of burning and secondary effects of organic substances	80 – 350	120 – 700
Amines / amides (ureas), open-chain hydrocarbon compounds (e.g. butyric acid)	360	720
Amino acids / proteins with nitrogen and sulphur (vomit)	360	720

Please contact the Trotec customer service if you are using the device for disinfection purposes.

Shutdown

Warning
Risk of injury caused by ozone!
Have especially trained staff check the ozone concentration before entering the room and permitting others to access it.

Warning
Wear a respirator mask with ozone filter when you check whether the ozone concentration has decreased sufficiently by means of a suitable measuring device.

The device was designed to switch off automatically once the set time has elapsed. A corresponding function was integrated by way of a timer.

A certain waiting period must be observed between the device switch-off and accessing the treated room.

At the end of the waiting period the room must be aired out extensively. Open doors and windows. Take the corresponding protective measures (see Safety chapter).

Info
Within this safety period the remaining ozone decomposes (naturally) into divalent oxygen (O_2). Afterwards the ozone concentration should have fallen to below the stipulated MAC value (maximum allowable concentration) of 0.2 mg/m³. Ozone has an average half-life of approx. 30 min to 60 min. The half-life depends on various factors, e.g. on the surface to be treated in the respective room, the temperature and the relative humidity.

Available accessories

Warning
Only use accessories and additional equipment specified in the instructions.
Using insertion tools or accessories other than those specified in the instructions may cause a risk of injury.

Designation	Article number
Ozone warning sign	ZZ7000275
Filter mat (air filter G2)	7710000394

Errors and faults

The device has been checked for proper functioning several times during production. If malfunctions occur nonetheless, check the device according to the following list.

The device does not start:

- Check the power connection.
- Check the power cable and mains plug for damage.
- Check the on-site fusing.
- Switch the fuse back on or have a defective fuse replaced by a specialist company.
- Check the safety switch.
- Wait for 10 minutes before restarting the device. If the device is not starting, have the electrics checked by a specialist company or by Trotec.

The device is very loud:

- Position the device on a dry, firm and level surface.
- Check whether the fan and its bearing for damage. If you detect any damage, have the device checked by a certified specialist workshop.

The odour nuisance persists after the completed purification process with the same intensity:

- Have the device checked by a certified specialist workshop.

The device still does not operate correctly after these checks:

Please contact the customer service. If necessary, bring the device to an authorised specialist electrical company or to Trotec for repair.

Maintenance

Activities required before starting maintenance

Note

The device must be maintained at least once a year!

Contact the customer service, if necessary.

Warning of electrical voltage

Do not touch the mains plug with wet or damp hands.

- Make sure that the device is switched off.
- Hold onto the mains plug while pulling the power cable out of the mains socket.

Warning

Risk of injury caused by inhalation of ozone!

After the device has stopped operating, wait until the end of the calculated regeneration period (see Shutdown chapter) to make sure that the ozone concentration has fallen below the stipulated value before performing maintenance and cleaning work.

Care and maintenance must be performed on a regular basis to ensure the proper functioning and failure-free operation of the device.

The type and frequency of the maintenance tasks fundamentally depends on the operating environment as well as on the duration and type of use.

In the course of using the device, dust and moisture can accumulate in or on the components which may compromise functionality and efficiency.

In rooms with a high volume of dust and dirt or after fire damage restorations (high moisture level) you should already check the need for maintenance after only a few applications.

In dry surroundings e.g. hotels or as part of car valeting one can assume a maintenance rate of several months.

Criteria for determining the maintenance interval

Device operation takes place:

- frequently and several hours at a time
- on many days per month
- in excessively dirty surroundings
- in humid rooms

Regardless of the described operating conditions you should perform maintenance work if one or more of the following signs become apparent:

- increased noise level during operation of the fan
- heavily contaminated air filter
- dirty electrode (recognizable by: The hissing sound produced during ozone generation dies away.)

Cleaning the housing

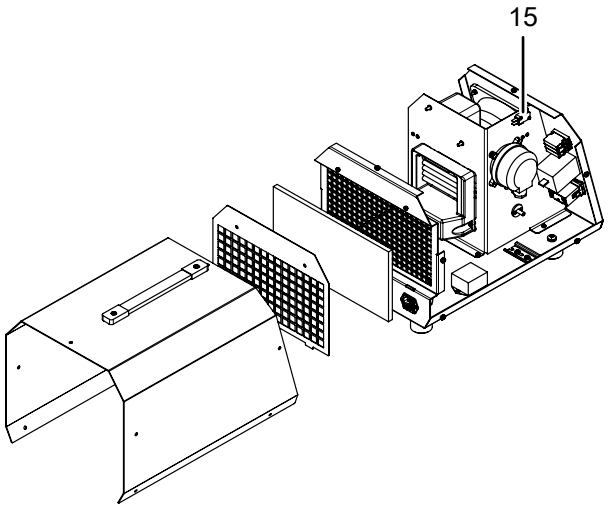
Clean the housing with a soft, damp and lint-free cloth. Make sure that no moisture enters the housing. Protect electrical components from moisture. Do not use any aggressive cleaning agents such as cleaning sprays, solvents, alcohol-based or abrasive cleaners to dampen the cloth.

Cleaning

In addition to the inspection of the device and its components for proper condition you should also ensure thorough cleaning as part of the regular maintenance activities. To do so, please proceed as described below.

Cleaning the interior

1. Remove the screws at the housing.
2. Remove the housing.
3. Clean the device with compressed air or a damp cloth. Do not use any solvent-containing or aggressive cleaning agents. Make sure that no water can enter or remain inside the housing.
4. Reattach the housing properly. Make sure that the safety switch (15) is in the closed position.



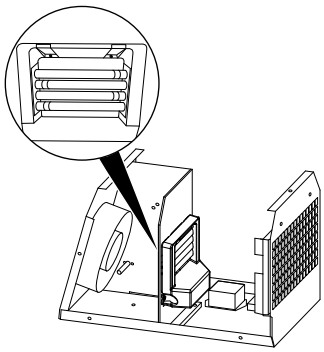
Cleaning the electrode

Note

Device damage due to missing electrode! Never operate the odour neutraliser without inserted electrode!

The electrode may be cleaned whilst built-in.

1. Prior to cleaning check the electrode for cracks or breakage. Damaged components must not be used!
2. Clean the electrode using a (lint-free) dry or damp cloth. Especially remove dust and other residues from the intermediate spaces. Make sure that no fluff or fibres remain after cleaning.
3. Do not use the device before the electrode has dried completely.

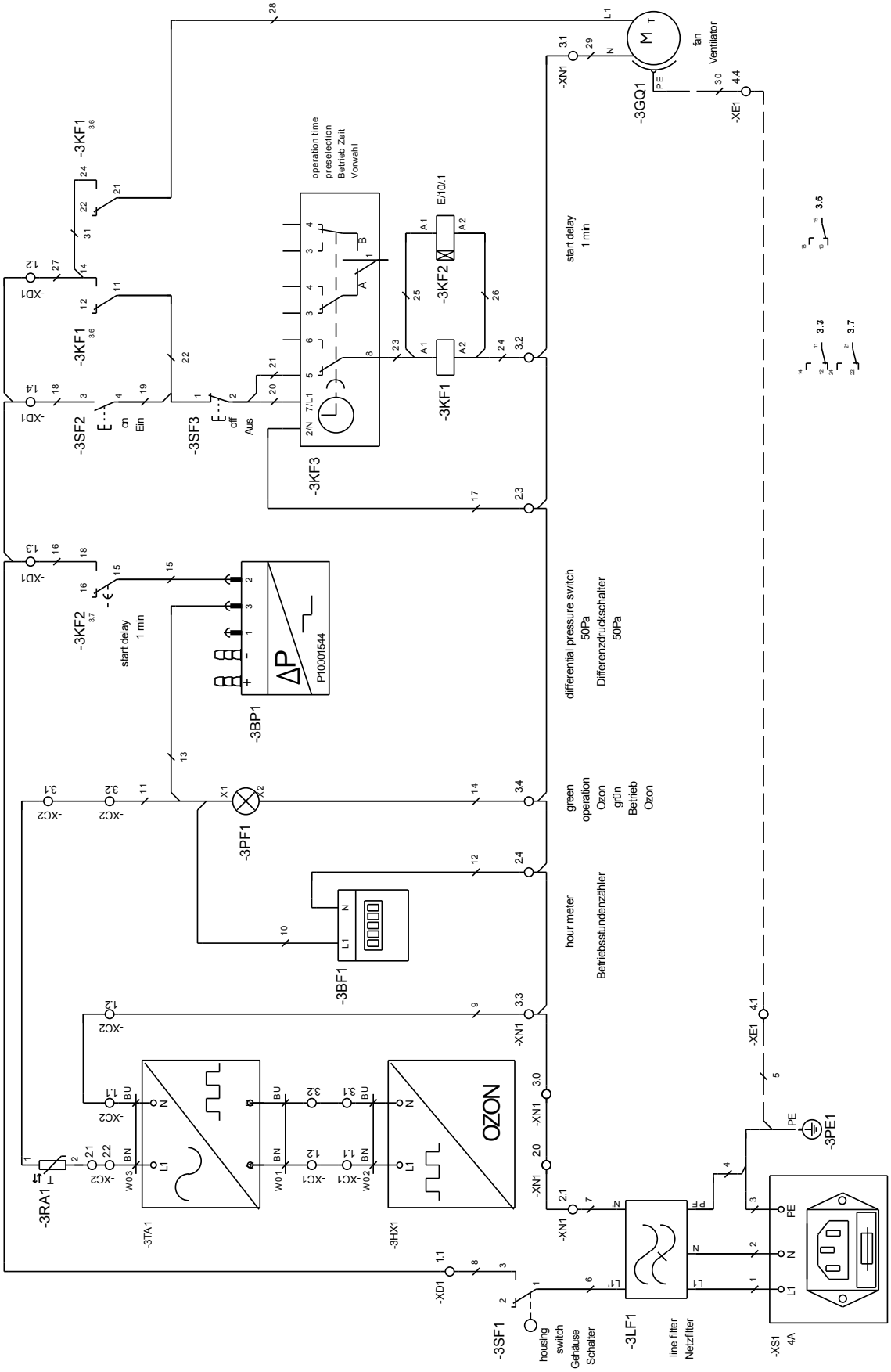


Technical annex

Technical data

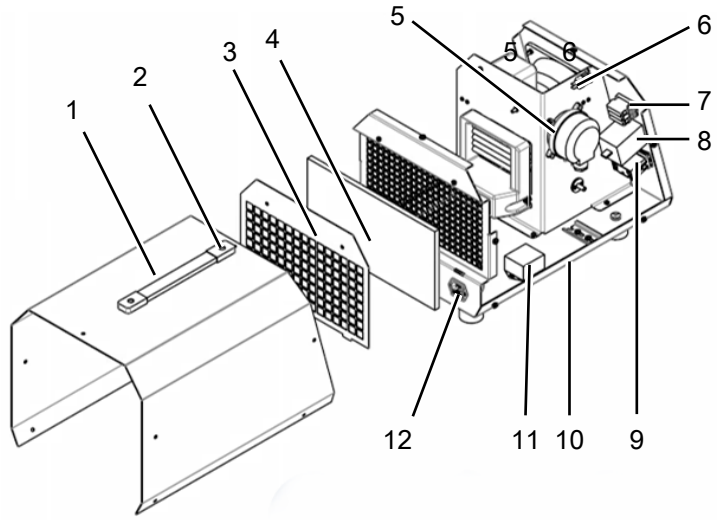
Parameter	Value
Model	**Airozon 10000**
Article number	1.180.000.112
Electric connection	230 V
Frequency	50/60 Hz
Max. nominal current	1.5 A
Max. power input	250 W
Ozone output	10,000 mg/h
Air flow rate	500 m^3/h
Sound pressure level (at a distance of 3 m)	< 70 dB(A)
Dimensions (depth x width x height)	460 x 310 x 320 mm
Weight	8 kg
Minimum distance to walls and other objects: top (A): rear (B): sides (C): front (D):	 50 cm 50 cm 50 cm 50 cm

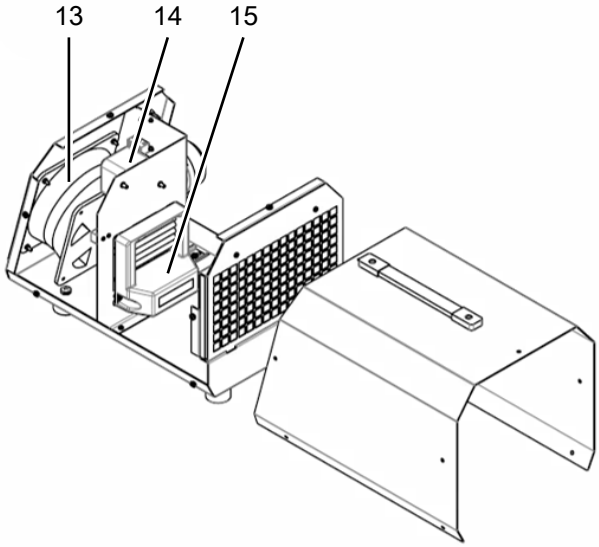
Circuit diagram



Overview and list of spare parts

Note: The position numbers of the spare parts differ from those describing the positions of the components mentioned in these instructions.





Item	Designation	Item	Designation
1	Handle	9	Operating hours counter
2	Cover	10	Housing
3	Air filter cover	11	Net filter
4	Air filter	12	Power connection with fusing
5	Load cell	13	Fan
6	Safety switch	14	Power adapter
7	On/off switch	15	Ozone electrode
8	Timer switch		

Disposal

Always dispose of packing materials in an environmentally friendly manner and in accordance with the applicable local disposal regulations.

The icon with the crossed-out waste bin on waste electrical or electronic equipment is taken from Directive 2012/19/EU. It states that this device must not be disposed of with the household waste at the end of its life. You will find collection points for free return of waste electrical and electronic equipment in your vicinity. The addresses can be obtained from your municipality or local administration. You can also find out about other return options that apply for many EU countries on the website https://hub.trotec.com/?id=45090. Otherwise, please contact an official recycling centre for electronic and electrical equipment authorised for your country.

The separate collection of waste electrical and electronic equipment aims to enable the re-use, recycling and other forms of recovery of waste equipment as well as to prevent negative effects for the environment and human health caused by the disposal of hazardous substances potentially contained in the equipment.

Only for United Kingdom

According to Waste Electrical and Electronic Equipment Regulations 2013 (SI 2013/3113) (as amended) devices that are no longer usable must be collected separately and disposed of in an environmentally friendly manner.

Declaration of conformity

Declaration of conformity in accordance with the EC Machinery Directive 2006/42/EC, Annex II, Part 1, Section A

We – Trotec GmbH – declare in sole responsibility that the product designated below was developed, constructed and produced in compliance with the requirements of the EC Machinery Directive in the version 2006/42/EC.

Product model / Product:	Airozon® 10000
Product type:	Ozone generator
Year of manufacture as of:	2023

Relevant EU directives:

- 2002/44/EC
- 2014/30/EU
- 92/58/EEC

Applied harmonised standards:

- EN ISO 12100:2011
- EN ISO 14123-1:2015
- EN 12198-1:2000
- EN 12198-1:2000/A1:2008
- EN 60204-1:2006/A1:2009
- EN 1127-1:2011
- EN 1093-1:2008

Applied national standards and technical specifications:

- EN ISO 11200:2014/A1:2010
- ZH 1/262 issued by the BG Chemie

Manufacturer and name of the authorised representative of the technical documentation:

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