

ZAILA



OZO 20 OWNER'S MANUAL

Ozonator for professionals

OZO 20

OZO 20 is a powerful ozonator for demanding use. It is suitable for professional water and fire damage restoration, cleaning housing, ventilation renovators, wastewater pumping stations etc.

Specifications

Ozone output: 2000 mg / h *

Input power: 100 W

Weight: ca. 9 kg

Dimensions: 30 x 30 x 20 cm

*Ozone output levels are affected by ambient temperature and humidity as well as the remaining lifetime of the plasma generating tubes.

SAFETY INSTRUCTIONS

- Warning! Always follow the general safety instructions for using electronic devices.
- Read this manual carefully before using the appliance.
- Do not use this product in an environment where there is risk of explosion or fire hazard (e.g. flammable materials).
- Do not soak, dip or immerse in water.
- Do not direct the fan airflow into eyes or faces.
- Adding peripherals to the appliance or connecting the appliance to other devices in ways other than as described in this manual can be dangerous.
- Keep this manual for future purposes.
- Store the appliance in a dry place and away from children

Inspections and repairs

- Do not use the appliance if any part is damaged or defective.
- If the fuse is blown, return the appliance for service
- The lifetime of plasma generating tube is about 10 000 hours, affected by the number of ignitions. If ozone is not produced when the appliance is running, return it for service.
- All servicing is to be done only by an authorized service center.
- Inspect the power cord regularly. If there are traces of wear, contact the service center.
- Do not attempt to open the appliance yourself.

Electrical Safety

This appliance is designed to operate on 220-240VAC 50/60Hz and requires the use of a grounded outlet.

Ozone Safety

This appliance generates purifying plasma, of which ozone is one component. Do not stay or keep animals in the space where ozonation is in progress, for prolonged exposure to ozone can irritate eyes and mucous membranes.

UV light Safety

This appliance contains ultraviolet (UV) lamps. During operation, do not look directly into the device or at the light reflected from the device. Do not operate the device if the cover is open or if the device is disassembled.

INSTRUCTIONS FOR USE

Connecting to power supply

- Make sure that the power switch is turned off.
- Connect the power cord to the device.
- Connect the plug to a properly grounded outlet.

Usage

- Use the green switch to turn on the device.
- From the timeswitch, select a mode of use: Always on (1), Timed, Always off (0)
- For timed operation, set the clock by rotating the dial in clockwise direction until the arrow is pointing at the current time of day. Set the desired period(s) of operation by setting all tappets between the on and off times required, to the outer edge of the dial.
- Avoid frequent turning on and off, since it wears down the UV lamps and reduces their operating lifetime.

Ozonation

1. Pre-clean the target and remove possible odor sources.
2. Bring in the ozonator and connect it to power supply.
3. Set the timer and turn on the unit. Time required varies depending on the situation ranging from 4 hours to 24 hours. If the desired result was not achieved, the process is repeated.
4. After treatment, ventilate the area well.

How ozonation works?

Ozone is an triatomic oxygen molecule that eliminates odors and molds due to its strong oxidizing power. It has the ability to break down carbon bonds in cell membranes, for instance lipids in bacterial cell membranes and carbon-carbon double bonds. When the bond is broken, the cells die and the bacteria can no longer replicate.

Mostly affected by ozone are the anaerobic bacteria. It will also kill mold, removing the odor and its cause at the same time. As a result of ozonation, organic odors are oxidized into water vapor and carbon dioxide.

Troubleshooting

If the appliance is not working properly, follow these instructions.

- The Fan is not spinning nor are the UV lamps functioning.
 - Make sure that the power cable is securely attached to the unit and plugged into a grounded outlet. Check that the power cord is not damaged. Check the fuse. In case the fuse is blown, contact the service center.
- The UV lamps are not functioning, but the fan is spinning.
 - Contact the service center.
- The fan is not spinning, but the UV lamps function properly.
 - Contact the service center.

CLEANING THE APPLIANCE

Exterior surfaces

Clean the surface with a soft cloth and gentle detergent. Do not wet the device. Make sure that the device is completely dry before connecting the power cord.

Do not use solvents to clean the surface (alcohol, paint thinner, benzene, etc.).

Protection of the environment

Should the appliance be removed from service, manufacturer will accept it and dispose of it in eco-friendly manner.

Manufacturing and maintenance

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