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CREWORKS IOG-S015-DE

CREWORKS 15000 mg/h Ozone Generator Air Purifier

User Manual - Model: IOG-S015-DE

1. Important Safety Information

READ ALL INSTRUCTIONS BEFORE USE AND RETAIN FOR FUTURE REFERENCE.

Ozone (O_3) is a powerful oxidant and can be harmful if inhaled directly. This device is designed for use in unoccupied spaces only.

- **Evacuate All Living Things:** Ensure no humans, pets, or plants are present in the treatment area before operating the ozone generator.
- **Ventilation is Crucial:** After the treatment cycle is complete, wait at least 30 minutes before re-entering the treated area. Upon re-entry, immediately open windows and doors to ventilate the space thoroughly for at least 30-60 minutes.
- **Remove Smoke Detectors:** Ozone can trigger smoke detectors. It is recommended to temporarily remove or cover smoke detectors in the treatment area before operation.
- **Keep Dry:** Do not operate the device in wet or damp conditions.
- **Unplug When Not in Use:** Always unplug the ozone generator from the power outlet when not in use or before cleaning.
- **Children and Pets:** Keep the device out of reach of children and pets.
- **Proper Placement:** Place the unit on a stable, flat surface, away from flammable materials. Ensure adequate airflow around the unit.

Failure to follow these safety instructions can result in serious injury or health complications.

2. Product Overview

The CREWORKS 15000 mg/h Ozone Generator is a powerful air purification device designed to eliminate stubborn odors and neutralize airborne pollutants in various environments. It achieves this by producing ozone (O_3) molecules, which react with and break down odor-causing compounds and contaminants at their source.



Figure 2.1: CREWORKS Ozone Generator, front view.

This image shows the compact, grey CREWORKS Ozone Generator with its control knob, digital display, and honeycomb-patterned ozone outlet. A black handle is visible on top.

2.1 How it Works

The ozone generation process involves several stages to effectively purify the air:

1. **Ionization:** Oxygen (O_2) from the air is drawn into the unit.

2. **Decomposition:** Inside the generator, O_2 molecules are split into individual oxygen atoms by high-voltage electrical discharge.
3. **Emission:** These free oxygen atoms then combine with other O_2 molecules to form ozone (O_3).
4. **Reaction:** The emitted O_3 molecules react with pollutants, bacteria, viruses, and odor-causing compounds, breaking them down into harmless substances like oxygen and carbon dioxide.



Figure 2.2: Operational flow of the ozone generator.

This image illustrates the four-step process: Ionization, Decomposition, Emission, and Reaction, showing how the device converts oxygen

into ozone to purify air.

2.2 What it Eliminates

This ozone generator is effective against a wide range of common odors and airborne contaminants, including:

- Smoke (tobacco, fire damage)
- Pet odors
- Mold and mildew odors
- Food odors (cooking smells, garbage)
- Chemical odors (paint, cleaning supplies)
- Car odors



Figure 2.3: Types of odors effectively removed by the ozone generator.

This visual shows the ozone generator surrounded by icons representing various odors it can eliminate: pet odor, chemical product odor, food odors, smoke, mold odors, and car odors.

3. Package Contents

Please check the package carefully to ensure all items are present and undamaged:

- 1x CREWORKS Ozone Generator (Model: IOG-S015-DE)
- 1x Power Cord
- 1x Warning Sign
- 1x User Manual (this document)

4. Product Features

The CREWORKS Ozone Generator is designed with user convenience and durability in mind:

- **Metal Timer Knob:** Provides precise control over treatment duration, up to 120 minutes.
- **Large Ozone Outlet:** Ensures rapid and efficient dispersion of ozone throughout the treatment area.
- **Aluminum Alloy Shell:** Offers industrial-grade durability and a robust build for long-lasting performance.
- **Removable Filter:** Easy to access and clean, helping to maintain optimal performance and airflow.
- **Integrated Handle:** Designed for comfortable and easy portability, allowing you to move the unit between different locations.
- **Anti-slip Feet:** Ensures stable operation on various surfaces, preventing accidental movement.
- **Digital Display:** Shows real-time temperature and humidity, which can influence ozone generation and dispersion rates.



Figure 4.1: Key features of the ozone generator.

This image highlights various components: the metal timer knob, large ozone outlet, aluminum shell, removable filter, integrated handle, and anti-slip feet.

5. Setup and Preparation

Before operating the ozone generator, follow these steps carefully:

1. **Clean the Area:** For best results, clean the area to be treated to remove the primary source of odors (e.g., vacuum carpets, wipe surfaces, remove trash). This helps the ozone generator work more effectively.
2. **Evacuate the Space:** Ensure that all people, pets, and plants have been removed from the room or vehicle to be treated.
3. **Remove Smoke Detectors:** Temporarily remove or cover any smoke detectors in the treatment area.
4. **Position the Unit:** Place the ozone generator in a central location within the treatment area, preferably on a raised, stable surface, to allow for optimal ozone dispersion. Ensure the air intake and outlet are not obstructed.
5. **Close Doors and Windows:** Close all windows and exterior doors to contain the ozone within the treatment area.
6. **Plug In:** Connect the power cord to the ozone generator and then plug it into a standard electrical outlet.



Figure 5.1: Step-by-step guide for using the ozone generator.

This image shows the four main steps: 1. Clean the house to eliminate odor source, 2. Plug in the device and set appropriate run time, 3. Immediately leave the room and hang a warning sign, 4. After the cycle, air out the room for 30-60 minutes before entering.

6. Operating Instructions

Once the setup is complete, you can begin the ozone treatment:

1. **Set the Timer:** Turn the timer knob clockwise to select the desired treatment duration. The timer can be set from 0 to 120 minutes. Refer to the "Recommended Treatment Times" table below for guidance.
2. **Start Operation:** The unit will begin generating ozone once the timer is set. The "RUNMODE" indicator light will illuminate.
3. **Exit Immediately:** As soon as the unit starts operating, leave the treatment area immediately and close the door. Place the provided warning sign on the door to prevent accidental entry.
4. **Monitor Display (Optional):** The digital display shows real-time temperature and humidity. Higher temperatures can lead to faster ozone generation, while higher humidity can aid in faster ozone dispersion. This information can help you fine-tune treatment times for optimal results.
5. **Treatment Completion:** The unit will automatically shut off when the timer reaches zero.
6. **Ventilate:** After the unit has shut off, wait at least 30 minutes before re-entering the treated area. Upon re-entry, immediately open all windows and doors to ventilate the space thoroughly for 30-60 minutes. Ensure the ozone smell has dissipated before allowing prolonged occupancy.

6.1 Recommended Treatment Times

The duration of treatment depends on the room size and the intensity of the odor. Use the following table as a general guideline:



Taille de la pièce						
15 m²	30 m²	50 m²	70 m²	100 m²	150 m²	297 m²
Durée						
20 min.	30 min.	40 min.	50 min.	70 min.	80 min.	100 min.

Figure 6.1: Recommended treatment durations based on room size.

This chart provides a guide for how long to run the ozone generator for different room sizes, ranging from 15 m² (20 min) to 297 m² (100 min).

Room Size (m²)	Treatment Duration (minutes)
15 m²	20 min

Room Size (m²)	Treatment Duration (minutes)
30 m²	30 min
50 m²	40 min
70 m²	50 min
100 m²	70 min
150 m²	80 min
297 m²	100 min

For very strong or persistent odors, a longer treatment time or a second treatment may be necessary after proper ventilation.

6.2 Applications

The CREWORKS Ozone Generator is suitable for various environments:

- **Homes:** Living rooms, bedrooms, basements, attics, kitchens, bathrooms.
- **Vehicles:** Cars, RVs, boats.
- **Offices:** Small office spaces, conference rooms.
- **Pet Areas:** Rooms with strong pet odors.



Figure 6.2: Various applications for the ozone generator.

This image displays the ozone generator in the center, surrounded by images of different locations where it can be used: car interior, attic, kitchen, bathroom, pet room, and basement.

7. Maintenance

Regular maintenance ensures optimal performance and extends the lifespan of your ozone generator.

7.1 Cleaning the Air Filter

The ozone generator is equipped with a removable air filter to prevent dust and debris from entering the unit. Clean the filter regularly, especially if operating in dusty environments.

1. **Unplug the Unit:** Always ensure the ozone generator is unplugged from the power outlet before performing any maintenance.
2. **Remove the Filter:** Locate the removable filter cover (usually on the back or side) and carefully remove it.
3. **Clean the Filter:** Use a vacuum cleaner with a brush attachment to remove dust and debris from the filter. For more thorough cleaning, you can gently wash the filter with mild soap and water.
4. **Dry Thoroughly:** If washed, ensure the filter is completely dry before reinserting it into the unit.
5. **Reinstall Filter:** Place the clean, dry filter back into its slot and secure the cover.

7.2 General Cleaning

- Wipe the exterior of the unit with a soft, damp cloth. Do not use abrasive cleaners or solvents.
- Ensure no liquid enters the internal components of the device.

8. Troubleshooting

If you encounter issues with your CREWORKS Ozone Generator, please refer to the following common problems and solutions:

Problem	Possible Cause	Solution
Unit does not turn on.	• Not plugged in correctly. • Power outlet is not working. • Timer is set to "OFF" or 0.	• Check power cord connection. • Test the outlet with another device. • Turn the timer knob to a desired duration.
Weak or no ozone smell after treatment.	• Treatment time too short for room size/odor intensity. • Air filter is dirty. • Poor air circulation in the room.	• Increase treatment duration or perform a second treatment. • Clean the air filter (see Maintenance section). • Ensure unit is centrally located and not obstructed.
Unit makes unusual noise.	• Fan obstruction. • Unit not on a stable surface.	• Unplug and check for any obstructions near the fan. • Place the unit on a flat, stable surface.

If the problem persists after trying these solutions, please contact customer support.

9. Specifications

Detailed technical specifications for the CREWORKS 15000 mg/h Ozone Generator:

Model Number	IOG-S015-DE
Ozone Output	15,000 mg/h
Coverage Area	Up to 297 m² (3200 sq ft)
Timer Range	0-120 minutes
Fan Speed	2200-2800 rpm
Max Noise Level	40 dB
Max Humidity	75%
Max Operating Temperature	50°C (122°F)
Power Consumption	75 Watts
Dimensions (L x W x H)	20 x 18 x 17 cm (7.9 x 7.1 x 6.7 inches)
Weight	1.8 kg (4 lbs)
Certifications	FCC, ETL, EPA, CE
Control Method	Mechanical Knob



Figure 9.1: Dimensions of the CREWORKS Ozone Generator.

This image provides a visual representation of the unit's dimensions: 20cm length, 18cm width, and 17cm height.

10. Warranty and Support

CREWORKS products are manufactured to high-quality standards. For warranty information, technical support, or service inquiries, please refer to the warranty card included with your product or visit the official CREWORKS website.

Please have your model number (IOG-S015-DE) and purchase date available when contacting support.

Ask a question about this manual

Ask about setup, troubleshooting, compatibility, parts, safety, or missing instructions. Manuals+ will review the question and use this page's manual context to help answer it.

Name

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After a successful submission, we securely hash the supplied account or form email before sending it to Microsoft Advertising for conversion attribution. Privacy details.

Question

Example: How do I reset this device or fix this error?

Details

Model number, symptoms, what you tried, or the section of the manual you are using.

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