

Retoo ER1144

Retoo Ozone Generator 60000mg/h User Manual

Model: ER1144

1. INTRODUCTION

The Retoo Ozone Generator is designed to effectively purify air and eliminate various odors in unoccupied spaces. Utilizing ozone (O₃) technology, this device helps to neutralize bacteria, viruses, mold, and unpleasant smells such as tobacco smoke, pet odors, and moisture. This manual provides essential information for the safe and efficient operation of your ozone generator.

2. IMPORTANT SAFETY INSTRUCTIONS

Please read and understand all safety warnings before operating the device. Failure to follow these instructions may result in serious injury or property damage.

- **Never operate the ozone generator in occupied spaces.** Ensure no humans, pets, or plants are present in the area during operation.
- After each ozonation cycle, **thoroughly ventilate the treated area** for at least 30-60 minutes before re-entry. High concentrations of ozone can be harmful to respiratory health.
- Keep the device out of reach of children.
- Do not use the device near flammable materials or liquids.
- Do not immerse the device in water or any other liquid.
- Unplug the device from the power outlet before cleaning or maintenance.
- Do not attempt to open or modify the device. Refer all servicing to qualified personnel.
- Use only in dry environments. Avoid high humidity.



Image: The ozone generator operating in a room, with visual cues indicating the presence of O₃ molecules and a warning symbol, emphasizing the need for caution and absence of occupants during operation.

3. PRODUCT OVERVIEW

The Retoo Ozone Generator is a compact and portable unit designed for efficient air treatment. It features a robust construction and user-friendly controls.

Components

- **Ozone Output Grille:** Located on the side, where treated air is expelled.
- **Air Intake Fan:** Draws air into the unit for treatment.
- **Timing Switch:** A rotary knob to set the operation duration (1-60 minutes).
- **Power Cord:** For connecting to an electrical outlet.
- **Carrying Handle:** For easy portability.



Image: Front view of the Retoo Ozone Generator, clearly showing the timing switch, fan grille, and the integrated carrying handle.



Image: Side view of the Retoo Ozone Generator, illustrating the ventilation slots crucial for air circulation during operation.

4. SPECIFICATIONS

Technical details of the Retoo Ozone Generator Model ER1144:

Feature	Value
Model Number	ER1144
Power	140W
Voltage	220-240V, AC 50Hz
Ozone Efficiency	Up to 60000 mg/h
Air Flow	200m³/h
Fan Speed	2600 rpm
Built-in Timer	1-60 minutes
Dimensions (L x W x H)	20.5 x 13.5 x 14 cm
Weight	1.6 kg (approx. 1604.98 Grams)

Feature	Value
Material	Stainless steel, Plastic
Color	Blue
Control Method	Touch (Timer Knob)



Image: The Retoo Ozone Generator with its key dimensions (length, width, height) clearly labeled for reference.

5. SETUP

Follow these steps to prepare your ozone generator for use:

1. **Unpack:** Carefully remove the ozone generator from its packaging.
2. **Placement:** Place the device in the center of the room or area to be treated, ensuring it is on a stable, flat surface. Do not block the air intake or output grilles.
3. **Clear the Area:** Ensure that the area to be treated is completely free of people, pets, and plants. Remove any valuable artwork or delicate items that might be sensitive to ozone.
4. **Seal the Area:** Close all windows and doors to the room to be treated to maximize effectiveness and prevent ozone from escaping.
5. **Power Connection:** Plug the power cord into a standard electrical outlet.

6. OPERATING INSTRUCTIONS

Operating the Retoo Ozone Generator is straightforward using the built-in timer.

Operating the Timer

1. **Set Treatment Time:** Rotate the timing switch clockwise to select the desired operating duration, from 1 to 60 minutes. The device will start immediately upon setting the timer.
2. **Evacuate the Area:** Immediately leave the room once the timer is set and the device begins operation.
3. **Cycle Completion:** The device will automatically shut off once the set time has elapsed.
4. **Ventilate:** After the device has turned off, wait for at least 30-60 minutes before re-entering the room. Open windows and doors to allow for thorough ventilation. This dissipates any residual ozone.



Image: A detailed close-up view of the timing switch on the Retoo Ozone Generator, showing the minute markings from 1 to 60 for setting the operation duration.

Recommended Treatment Times

The optimal treatment time depends on the room size and the intensity of the odor problem. Start with shorter durations and adjust as needed.

- **Small Rooms (e.g., bathrooms, small offices):** 10-20 minutes
- **Medium Rooms (e.g., bedrooms, kitchens):** 20-40 minutes

- **Large Rooms or Heavy Odors (e.g., basements, garages, smoke damage):** 40-60 minutes

7. MAINTENANCE

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

- **Cleaning the Exterior:** Always unplug the device before cleaning. Wipe the exterior casing with a dry, soft cloth. Do not use liquid cleaners, solvents, or abrasive materials.
- **Check Air Vents:** Periodically inspect the air intake and output grilles for any dust or obstructions. Ensure they remain clear for proper airflow.
- **Storage:** When not in use, store the ozone generator in a cool, dry place, away from direct sunlight and moisture.

8. TROUBLESHOOTING

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

Device Not Turning On

- **Check Power Connection:** Ensure the power cord is securely plugged into both the device and a functional electrical outlet.
- **Verify Outlet:** Test the outlet with another appliance to confirm it is supplying power.
- **Timer Setting:** Ensure the timer knob is set to a duration greater than 'OFF'.

Weak Ozone Output or No Odor Reduction

- **Clear Air Vents:** Check if the air intake and output grilles are obstructed by dust or debris. Clean if necessary.
- **Room Size/Treatment Time:** Ensure the treatment time is appropriate for the size of the room and the intensity of the odor. Increase duration if needed, always adhering to safety guidelines.
- **Room Sealing:** Confirm that all windows and doors were closed during operation.

Unusual Noises

- A slight humming sound from the fan is normal. If you hear loud or unusual grinding noises, unplug the device immediately.
- **Contact Support:** If troubleshooting steps do not resolve the issue, contact customer support for further assistance.

9. WARRANTY AND SUPPORT

For warranty information, technical support, or service inquiries, please refer to the contact details provided with your purchase documentation or visit the official Retoo website. Keep your purchase receipt as proof of purchase for any warranty claims.