



Manuals.plus /

- › ICARE /
- › ICARE Ozone Odor Eliminator Model GQ53 User Manual

ICARE GQ53

ICARE Ozone Odor Eliminator Model GQ53 User Manual

Your Guide to a Fresher Environment

1. INTRODUCTION

Thank you for choosing the ICARE Ozone Odor Eliminator Model GQ53. This device is designed to improve indoor air quality by effectively removing various odors and harmful gases using ozone and negative ion technology. Please read this manual thoroughly before use to ensure safe and optimal operation.



Image 1.1: The ICARE Ozone Odor Eliminator Model GQ53, shown with its power cord and plug, positioned near a puppy and a kitten, illustrating its use for pet odor removal.

2. IMPORTANT SAFETY INFORMATION

WARNING: Ozone is a strong oxidant. Improper use can be harmful. Always follow these safety guidelines.

- **Absence During Operation:** When the device is operating and releasing ozone, ensure that all people and pets temporarily leave the room.
- **Ventilation:** After the device completes its operation, ventilate the area by opening windows for 5-10 minutes before re-entering. Ozone naturally decomposes into oxygen atoms within approximately 20 minutes.
- **Odor Sensitivity:** If you are sensitive to odors, it is recommended to start the operation during unoccupied hours (e.g., when you are out or at night) and ventilate before returning home.
- **Device Placement:** Do not place the device directly next to sensitive materials or electronics.
- **Children and Pets:** Keep the device out of reach of children and pets.

To ensure safe use, please note the following:

1. When the equipment is working, it will release ozone for efficient purification, during which people and pets temporarily leave the room, and then ventilate and return with peace of mind after use. Sensitive groups or pet families can appropriately shorten the duration of a single use.
2. We recommend that you be sure to ventilate after use, as the smell after ventilation is harmless, so you can use it with confidence and do not need to worry about the smell of ozone.
3. If you are sensitive to odors, it is recommended to start the operation during unmanned hours, such as going out or at night, and ventilate before returning home, so that you can enjoy the cool air without burden.

Image 2.1: A visual representation of important safety notes for using the ozone generator, highlighting the need for ventilation and ensuring no one is present during operation.

3. PRODUCT OVERVIEW

3.1 Key Features

- **Fast Deodorization:** Active oxygen output of 200mg/h for professional and rapid odor elimination.
- **High Efficiency:** Achieves a deodorization rate of up to 99.99%.
- **Multiple Work Modes:** Four adjustable cycle modes (P1, P2, P3, P4) for various room sizes and odor levels.
- **Filter-Free Operation:** No need for filter replacements, reducing maintenance and cost.
- **Wide Application:** Effective in bedrooms, toilets, kitchens, pet areas, and for removing smoke and formaldehyde.
- **Applicable Area:** Suitable for spaces ranging from 20-40 square meters.

3.2 Components

The ICARE Ozone Odor Eliminator Model GQ53 includes:

- Ozone Machine Unit
- Power Adapter
- User Manual (this document)
- Installation Tools (e.g., sticker, screws for hanging)



Image 3.1: The ICARE Ozone Odor Eliminator shown in a modern home environment, highlighting its effectiveness in improving air quality by targeting dust, cigarette smoke, kitchen odors, general unpleasant smells, harmful gases, and animal fur.

4. SETUP

Setting up your ICARE Ozone Odor Eliminator is straightforward.

1. **Unpack:** Carefully remove the device and all accessories from the packaging.
2. **Placement:** Choose a suitable location within the desired treatment area (20-40). Ensure it is placed where air can circulate freely around it.
3. **Mounting Options:**
 - **Hanging:** Utilize the design with hanging holes on the back of the unit to mount it on a wall using appropriate screws (included).
 - **Adhesive:** Use the provided sticker pad to attach the device to a smooth, clean surface.
4. **Power Connection:** Plug the power adapter into a standard electrical outlet. Connect the other end to the device.

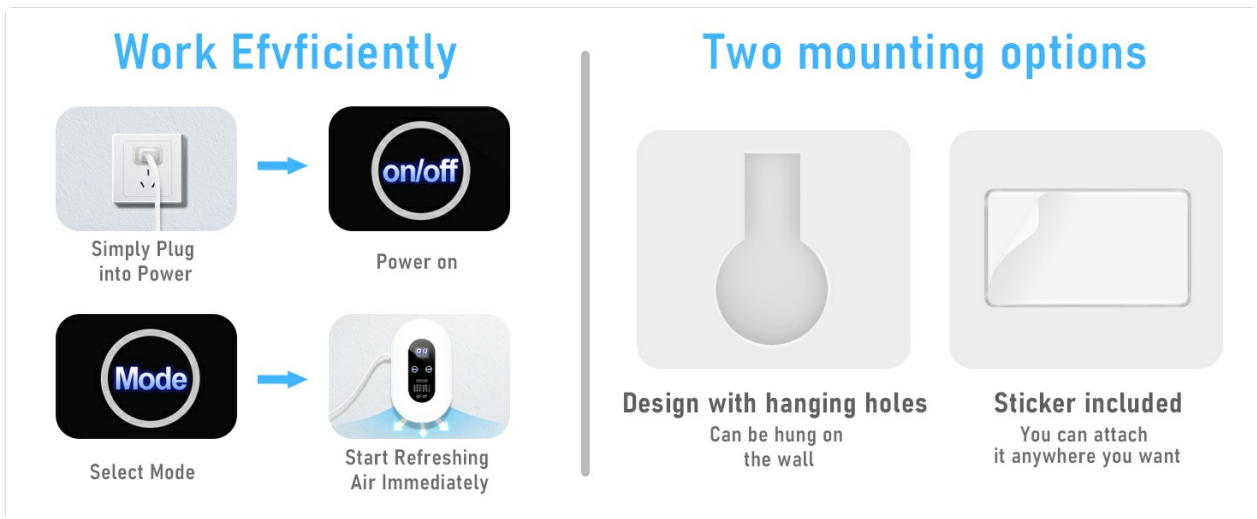


Image 4.1: A visual guide demonstrating the simple steps to power on the device and select a mode, along with illustrations of the two available mounting methods: using hanging holes or the adhesive sticker.

5. OPERATING INSTRUCTIONS

The ICARE Ozone Odor Eliminator features an intuitive interface with a digital display and two buttons: "On/Off" and "Mode".

1. **Power On/Off:** Press the "On/Off" button to turn the device on or off. The mode indicator will flash when working and stay on when in standby.
2. **Select Mode:** Press the "Mode" button to cycle through the four available working modes (P1, P2, P3, P4). The selected mode will be displayed on the screen.

5.1 Working Modes

Choose the mode that best suits your needs and room size:

Mode	Operation Cycle	Description
P1	Ozone for 2 minutes, then standby for 58 minutes.	Suitable for small spaces or light odors, continuous cycle.
P2	Ozone for 3 minutes, then standby for 20 minutes.	Ideal for medium spaces or moderate odors, continuous cycle.
P3	Ozone for 30 minutes, then standby for 12 hours.	For larger spaces or stronger odors, less frequent cycle.
P4	Ozone for 30 minutes, then standby for 2 hours.	For intense odor removal, more frequent cycle.

4 WORKING MODES

Easy to Operate

You can choose the mode according to your needs and the size of the room



Image 5.1: A close-up of a hand interacting with the ICARE Ozone Odor Eliminator, specifically pressing the 'Mode' button. The digital display clearly shows 'P4', indicating the selected operating mode, with a list of all four working modes and their cycles visible below.

6. MAINTENANCE

The ICARE Ozone Odor Eliminator Model GQ53 is designed for low maintenance.

- **No Filter Needed:** This device does not require any filter replacements, saving you time and money.
- **Cleaning:** To clean the exterior of the device, unplug it from the power source. Wipe the surface with a soft, dry cloth. Do not use liquid cleaners or immerse the device in water.

7. TROUBLESHOOTING

If you encounter any issues with your ICARE Ozone Odor Eliminator, please refer to the following common solutions:

Problem	Possible Cause	Solution
Device does not turn on.	No power supply.	Ensure the power adapter is securely plugged into both the device and a working electrical outlet.
Odor not fully eliminated.	Incorrect mode for room size/odor intensity; persistent odor source.	Increase the operating mode (e.g., from P1 to P2 or P3). Ensure the room size is within the recommended 20-40 . Identify and address the source of the odor if possible. Extend the duration of a single use if necessary.
Unpleasant smell after operation.	Residual ozone.	Ensure adequate ventilation after each use. Open windows and doors for 5-10 minutes before re-entering the treated area. The ozone smell will dissipate.
Pets or individuals show discomfort.	Exposure to ozone during operation.	Always ensure no people or pets are in the room during operation. Ventilate thoroughly before re-entry. Consider using a lower mode or shorter duration if sensitivity is an issue.

8. SPECIFICATIONS

Specification	Value
Model Number	GQ53
Brand	ICARE
Active Oxygen Output	200mg/h
Deodorization Rate	Up to 99.99%
Applicable Area	20-40 square meters
Product Dimensions (L x W x H)	7.7 x 4.6 x 1.57 inches
Item Weight	1.21 Pounds
Color	White
Item Form	Device (not spray)



Image 8.1: A comparison highlighting the superior features of the ICARE Ozone Odor Eliminator, including its LCD digital display, four operating modes, 1.1-meter wired length, versatile installation options, and extended service life, as opposed to a basic plug-in device.

9. How It Works

9.1 Ozone Generation for Odor Removal

The ozone cleaner synthesizes ozone (O_3) by breaking down oxygen (O_2) in the air through high voltage electricity. When ozone encounters molecules such as odors or smoke, the third oxygen molecule binds to the pollutant, effectively eliminating it and converting the ozone back to oxygen.

The ozone cleaner synthesizes ozone by breaking down oxygen in the air through the action of high voltage electricity, releasing the ozone into the air. When it encounters molecules such as odors or smoke, the third oxygen molecule binds to molecules of the pollutant and essentially eliminates it. The O₃ attaches to odors and other impurities. This process eliminates the contamination and converts the ozone back to oxygen.

The following figure shows a diagram of the chemical process of ozone odor removal:

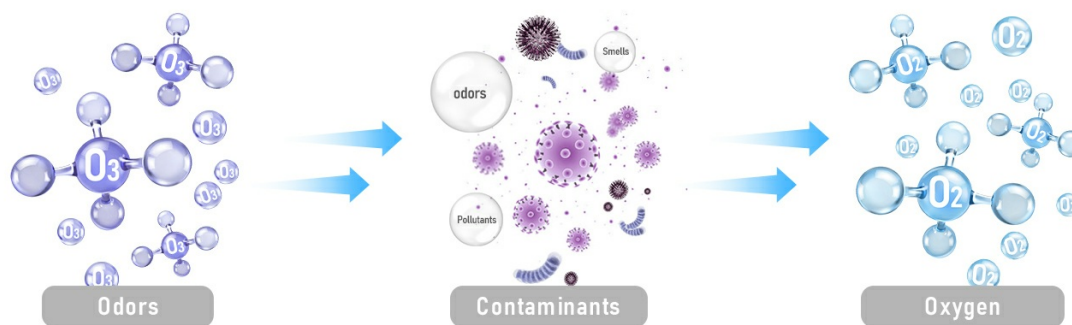


Image 9.1: A diagram visually explaining how ozone eliminates odors. It shows ozone (O₃) molecules reacting with contaminants, leading to their breakdown and the subsequent conversion of ozone back into oxygen (O₂).

9.2 Negative Ion Purification

Negative ions, often referred to as "air vitamins," play a crucial role in air quality. The device generates negative ions which efficiently remove dust and PM_{2.5} particles, deodorize, and activate oxygen molecules in the air, contributing to a healthier respiratory environment.

Negative ions are called the "vitamin of the air". The amount of negative ions in the air is an important factor in determining the quality of the air. When the air contains the right amount of negative ions, it can not only efficiently remove dust and pm_{2.5} particles but also deodorize, eliminate fatigue, and provide other effects. At the same time, it can also activate the oxygen molecules in the air, allowing us to enjoy fresh air through negative ions carrying oxygen, providing a healthier and cleaner protection for our respiratory system.

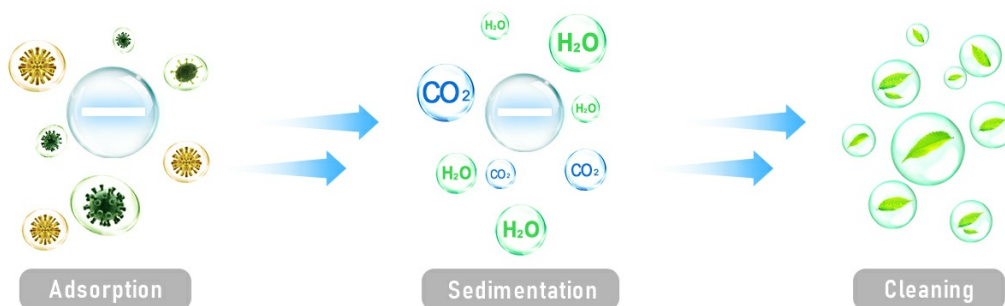


Image 9.2: A diagram illustrating the three stages of negative ion purification: adsorption of airborne particles, their sedimentation, and the final cleaning process that results in fresh, purified air.

10. WARRANTY AND SUPPORT

For warranty information, technical support, or any questions regarding your ICARE Ozone Odor Eliminator Model GQ53, please contact the manufacturer directly through their official channels or the retailer from whom you purchased the product. Please retain your proof of purchase for any warranty claims.