



AIR PURIFIER OZONE GENERATOR USER GUIDE

3000A

 *Read before use. Improper use can cause damages.*

(800) 858-5374 | www.mammothhome.com

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HOW OZONE WORKS

The ozone generator creates O_3 in a special process that uses electricity to turn oxygen into ozone.

O_3 sanitizes by breaking down odors, micro-organisms and other pollutants at their source. Nature creates O_3 as a natural air cleaner in a number of ways.

For example, we've all taken a walk after a thunderstorm and experienced the clean, fresh smell in the air. That's O_3 at work.

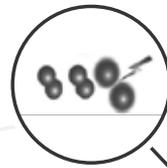
Normal oxygen (O_2) is converted to O_3 called ozone. Ozone oxidizes pollutants and reverts back to oxygen in an about an hour.



Use only in unoccupied space.



Follow time specified.

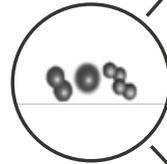


Normal oxygen molecules (O_2) - molecules with two atoms of oxygen.

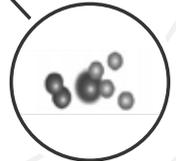
An electrical current such as lightning transforms oxygen (O_2) molecules into ozone (O_3).



Ozone (O_3) breaks back down into oxygen (O_2), as extra atom attaches to pollution molecule.



Each extra oxygen atom oxidizes odors and pollutants.

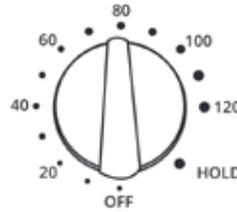


HOW TO USE THE MACHINE



Use in unoccupied space only.

Follow manufacturer's time guidelines.



MINUTES

USING THE TIMER

TIMER: The ozone air generator incorporates a timer for proper usage. The timer can be set for up to a total of 120 minutes. Turn the knob clockwise to use the timer function.

OFF: The ozone generator shuts off.

HOLD: The ozone generator will remain on indefinitely. This function should be used with caution.



WARNING: Ozone is intended for non-occupied use: only use ozone when no pets or humans is occupying the space. Allow space to air out before returning to space.



WARNING: Ozone generator are industrial machines and can cause damages if used improperly. Please use as instructed.



Please contact us for any questions or concerns. We are happy to help.

APPLICATION GUIDE



Follow the recommended time to area. Do not exceed twice the time indicated. Extremely high level of ozone will oxidize metal and can cause corrosion.

Mild Odor (Time based on Ozone Concentration of 1ppm*)

Model No.	Room Size / Working Time				
	Car	300 SqFt	1000 SqFt	2000 SqFt	3000 SqFt
3000A	20 minutes	60 minutes	200 minutes**	400 minutes**	600 minutes**

Strong Odor (Time based on Ozone Concentration of 2ppm*)

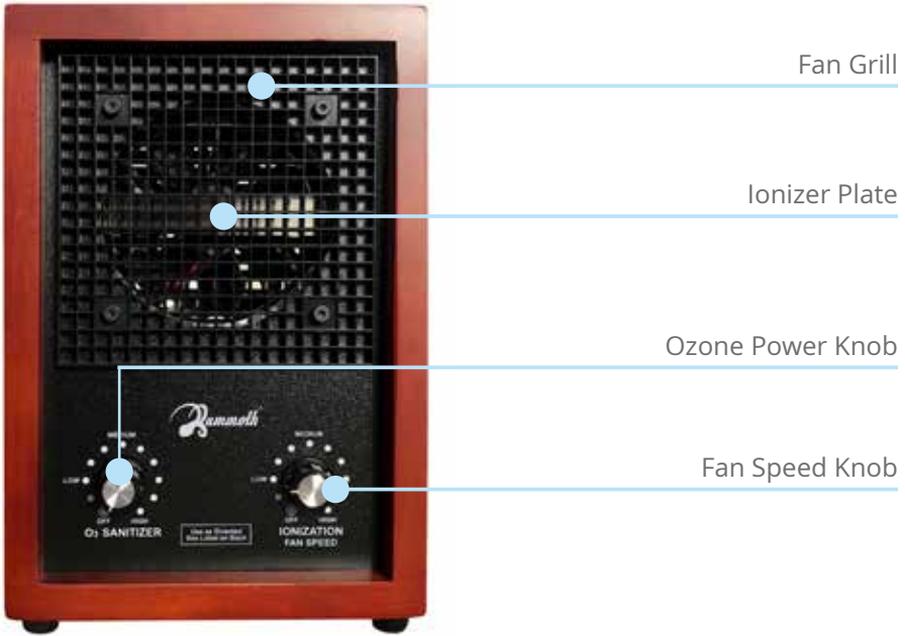
Model No.	Room Size / Working Time				
	Car	300 SqFt	1000 SqFt	2000 SqFt	3000 SqFt
3000A	40 minutes	120 minutes**	400 minutes**	800 minutes**	1200 minutes**

*Ozone is a oxidizing molecule. At high concentration (5ppm) and at an extended duration, it will cause oxidation of metal and some finished surfaces. Do not exceed recommended time suggested.

**For duration requiring more than 60 minutes, the ozone concentration will not be able to reach the desired ppm. Since ozone breaks down after 60 minutes, new ozone produced is now only replacing the ozone broken down.

COMPONENT FUNCTION

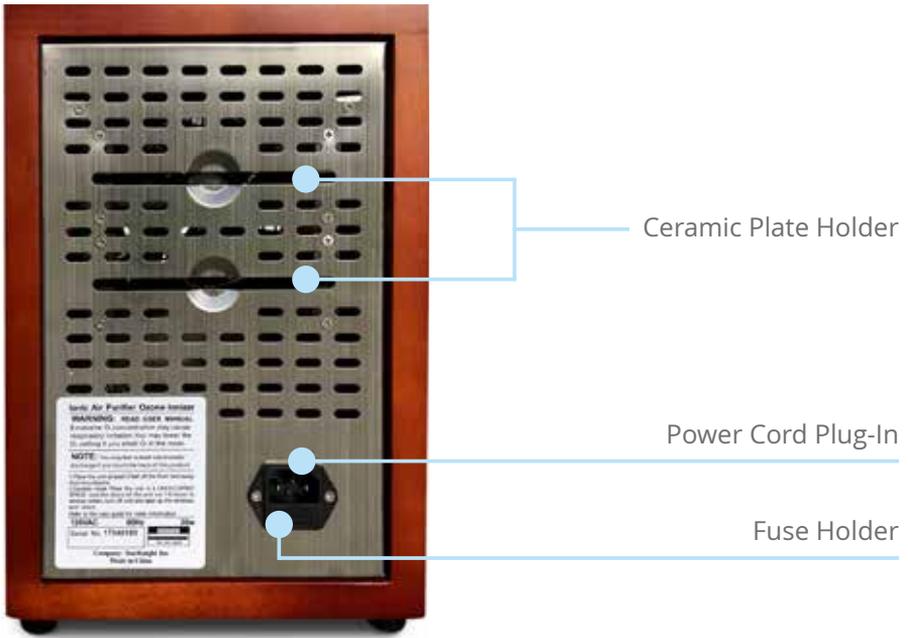
FRONT



Parts	Description
Fan Grill	Removable fan grill. Wash with warm soapy water, dry completely before replacing. (Unplug unit before removing).
Ozone Power Knob	Ozone generator will only turn ON when the Ozone dial is turned Clockwise (low to high). Follow manufacturer's recommended time frames for ozone.
Fan Speed Power Knob	On/Off control switch controls the fan speed. At full speed, the fan will draw maximum amount of air and thus loudest. Ionizer & UV (if applicable) will automatically turn on once the unit is on.

COMPONENT FUNCTION

BACK



Ceramic Plate Holder

Power Cord Plug-In

Fuse Holder

Parts	Description
Ceramic Plate Holder	The Ceramic Plate is removable and washable. Wash with ammonia and water using a stiff brush or toothbrush. Rinse and dry completely before replacing. (If burnt, replace)
Power Cord Plug-In	For 120 Volt grounded cord (unless otherwise specified). DO NOT bypass ground wired cord.
Fuse Holder	Houses removable fuse. (Available in most electrical supply stores, 1 amp, 1.25 inch)

TROUBLESHOOTING

If the fan does not spin or you do not hear a buzzing sound from the ozone while machine is suppose to be on, check these 4 simple diagnostic steps:

1. Unit is plugged in properly and turned on.
2. Wall outlet is working.
3. Ozone module is installed and is clean and dry.
4. Fuse is installed properly and in good condition (to replace fuse, remove the fuse holder, take out the spare fuse, remove old fuse, and replace with spare).
Fuse is 2 amp (5mm X 20mm).

PLEASE CONTACT US IF YOU STILL HAVE ANY ISSUE OR QUESTIONS ABOUT YOUR OZONE GENERATOR.

MAINTENANCE

For maintenance, it is suggested that the ozone plate be wiped down every 3-6 months depending on usage.

RE-ORDER OF OZONE MODULE

For re-order, it is suggested that the ozone plate be replaced about every 2 years or as needed depending on usage. If you no longer smell the ozone or notice char marks on the ozone plate, it is time to replace the ozone module.

The ozone plate is different on each model of the machine. You can purchase the ozone plate on the **www.mammothhome.com** and select your model.

IMPORTANT NOTICE ABOUT THE OZONE FEATURE

Because of its high reactivity and its ability to destroy microscopic organisms, Ozone has the reputation of being a highly effective air purifier. Whatever your needs are, the ozone feature can be used in a variety of locations: hotels, hospitals, stores/shops, offices and residential spaces. All types of air-conditioned spaces that utilize this product are able to transform a smoky and smelly area into a clean air scent and freshen the environment.

Ozone is one of the more cost effective solutions when compared to all other types of technology on the market today. Here are a few of the ozone function's positive benefits:

1. Actively defends you from contaminants, impurities and unwanted bacteria in the environment without having to pull air through the air purifier.
2. Decreases viruses and unhealthy bacteria from the surroundings therefore lessening the growth of ailments like pneumonia, tuberculosis and other sicknesses.
3. Reduces the risk of allergies, bacterial or viral infections, hay fever and respiratory problems to some extent.



Everyone interacts with ozone differently, it is recommended that the ozone feature be turned on only when people and pets are not present in the room.

Although the ozone output levels are below the safety standard, overexposure can cause the following:

- Decreased lung function
- Aggravation of asthma
- Throat irritation
- Headaches
- Cough
- Chest pain
- Shortness of breath
- Inflammation of lung tissue



Mammoth and its distributors are not liable for any bodily harm or property damages arising from the improper use of its products.

FREQUENTLY ASKED QUESTIONS

Q. What does the ozone generator do?

A. The ozone generator is designed to oxidize 99% of the bacteria, mold, and allergens in your home or space. It treats the air in your home or office by breaking down odor causing pollutants and dropping airborne particulate from your breathing space.

Q. How does the Ozone Generator work?

A. This Purifier uses electricity to split oxygen O₂ molecules into single Oxygen atoms, which attach loosely to other O₂ molecules to become O₃ (ozone). This loosely attached oxygen atom is unstable and seeks to bond with chemical compounds and other odor causing pollutants in order to oxidize them.

Q. Is ozone safe?

A. Ozone in very high concentrations can be irritating to mucous membranes and the respiratory system. It can also cause oxidation in metal and some surfaces. Use only in unoccupied space and not to exceed the specified time.

Q. Where should I place ozone generator?

A. You can place the machine anywhere in the space as the ozone will fill the space. Close the window and door to trap the ozone in the space intended.

If you do have an HVAC system and like to use the ozone generator for the whole house, you can place the machine in front of the air intake.

Q. How should I wait to enter the space after running the ozone machine?

A. We recommend waiting at last an hour so most of the ozone has reverted it back to oxygen. The higher concentration the ozone, the more time it will require all the ozone to revert back. A quick way to remove the ozone is to open doors and window to create fresh air to fill the space.

Q. How does this purifier the air with no filter?

A. The air purifier uses ozone to attack unwanted particles in the air. The ozone is used to oxidize molecules in the air and it's typically used for strong odor because it will neutralize the odorous molecules.

Q. How come the odor keeps coming back?

A. Air purifiers does not treat the source of the odor bur rather cleans particles in the air (some with filters and some with active airborne molecules). To permanently keep odor from returning, the only solution is to remove or neutralize the source of odor.

Q. How can I purifier odor even when I am in the room?

A. While there are people who use generator that generate very low amount of ozone contentiously to fight odor, the machine is designed for non occupied space usage. The other option is to use a larger air purifier with a large carbon (ideally activated carbon pellets) filter to absorb the odor out of the air.

FREQUENTLY ASKED QUESTIONS

Q. Will it set off carbon monoxide or smoke detectors?

A. No.

Q. How long do I use this in the car?

A. Please refer to the time duration table.

WARRANTY

Mammoth and its distributors are not liable for any bodily harm or property damages arising from the improper use of its products.

1 Year Limited Replacement Warranty

Mammoth Home Selection warrants that the product will be free from manufacturing defects for a period of one year from the date of its original retail purchase.

How Long Is the Coverage?

This warranty is for a period of one year from the date of its original retail purchase. This warranty is not transferable and coverage terminates if you sell or otherwise transfer the product.

What Will the Manufacturer Do?

If product prove to have a manufacturing defect within the warranty period, when used as directed, manufacture will, at its sole discretion, either repair the defective product by asking the customer to return the product or replace the product with one of the following: 1) a brand new item without retail packaging, if available, 2) a substitute item with customer approval, if original item is no longer available. The replacement product will be covered by the remaining period of the original warranty.

What Does This Warranty Not Cover?

This limited warranty excludes any and all and any problem/damage arising from (a) abuse, misuse, neglect, or accident; (b) alteration of the product or any component thereof; (c) shipping; (d) improper installation, operation, or maintenance; (e) use of any parts from another manufacturer; or (f) problems or damages due to natural disasters, force majeure events, or an act of God event.

Warranty Void

The warranty is void if the serial number or date of purchase is illegible or the warranty claim is not timely made.

EXCEPT AS EXPRESSLY PROVIDED HEREIN, THERE ARE NO OTHER WARRANTIES, EXPRESSED OR IMPLIED, INCLUDING BUT NOT LIMITED TO WARRANTIES OF MERCHANTABILITY OR FITNESS FOR A PARTICULAR PURPOSE. To the extent permissible by applicable law, manufacture shall not be liable under any legal theory for indirect, incidental, special, consequential, or other similar damages that may arise, including lost profits, damage to person or property, loss of use, or inconvenience. Your sole remedy shall be limited to the repair or replacement of the product, at manufacturer's discretion.

How Do You Make a Claim?

In order to be eligible for service under this warranty, within 30 days of discovering a manufacturing defect that falls within the warranty period, please submit a warranty request online along with uploading a proof of receipt.

RETURNS RECEIVED 30 DAYS OR MORE AFTER THE CLAIM FILE HAS BEEN OPENED MAY BE REFUSED AND RETURNED AT YOUR EXPENSE.



For technical questions please call:

800-858-5374

Visit our website:

www.mammothhome.com

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