



# AIR PURIFIER OZONE GENERATOR USER GUIDE

3000A

Because you *care*, clean the *air*

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# HOW OZONE WORKS

**The ozone air purifier creates  $O_3$  in a special process that utilizes an electrical current and oxygen.**

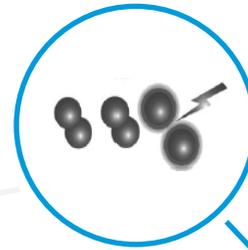
$O_3$  sanitizes by breaking down odors, micro-organisms and other pollutants at their source. Nature creates  $O_3$  as a natural air cleaner in a number of ways.

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.

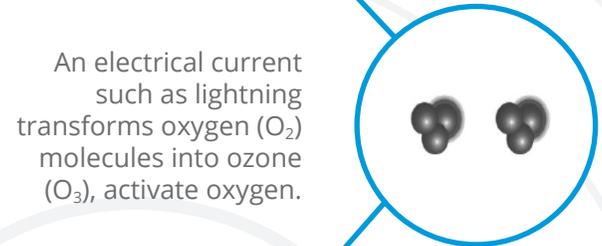
Normal oxygen ( $O_2$ ) is converted to  $O_3$ , which is commonly called ozone. It reverts back to  $O_2$  in about an hour if the  $O_3$  is unused.



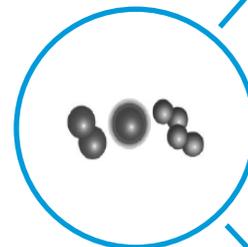
For sterilization, please only use in unoccupied space.



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



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



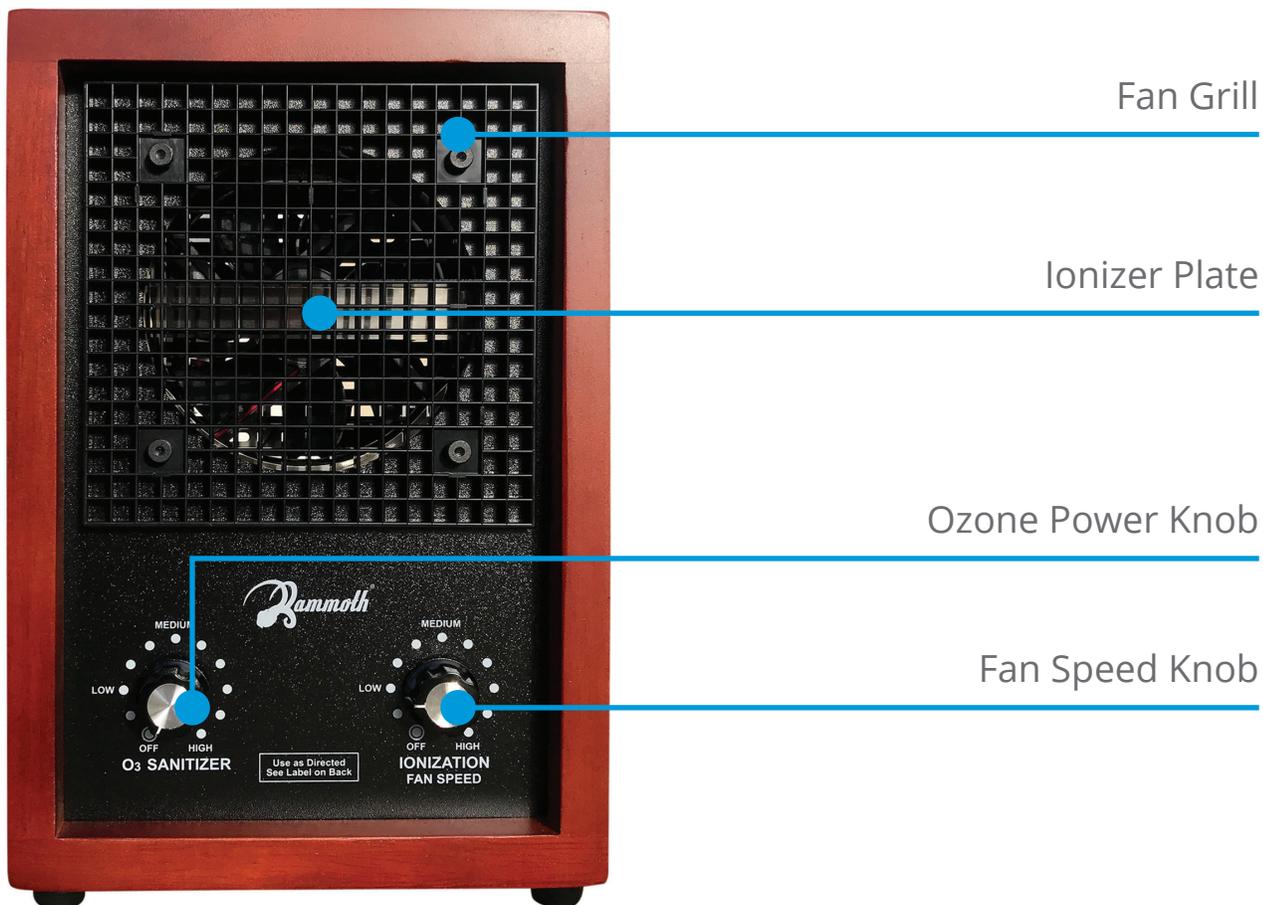
Ozone ( $O_3$ ) breaks back down into oxygen ( $O_2$ ), as extra atom attaches to pollution molecule.



Each extra oxygen atom oxidizes odors and pollutants.

# COMPONENT FUNCTION

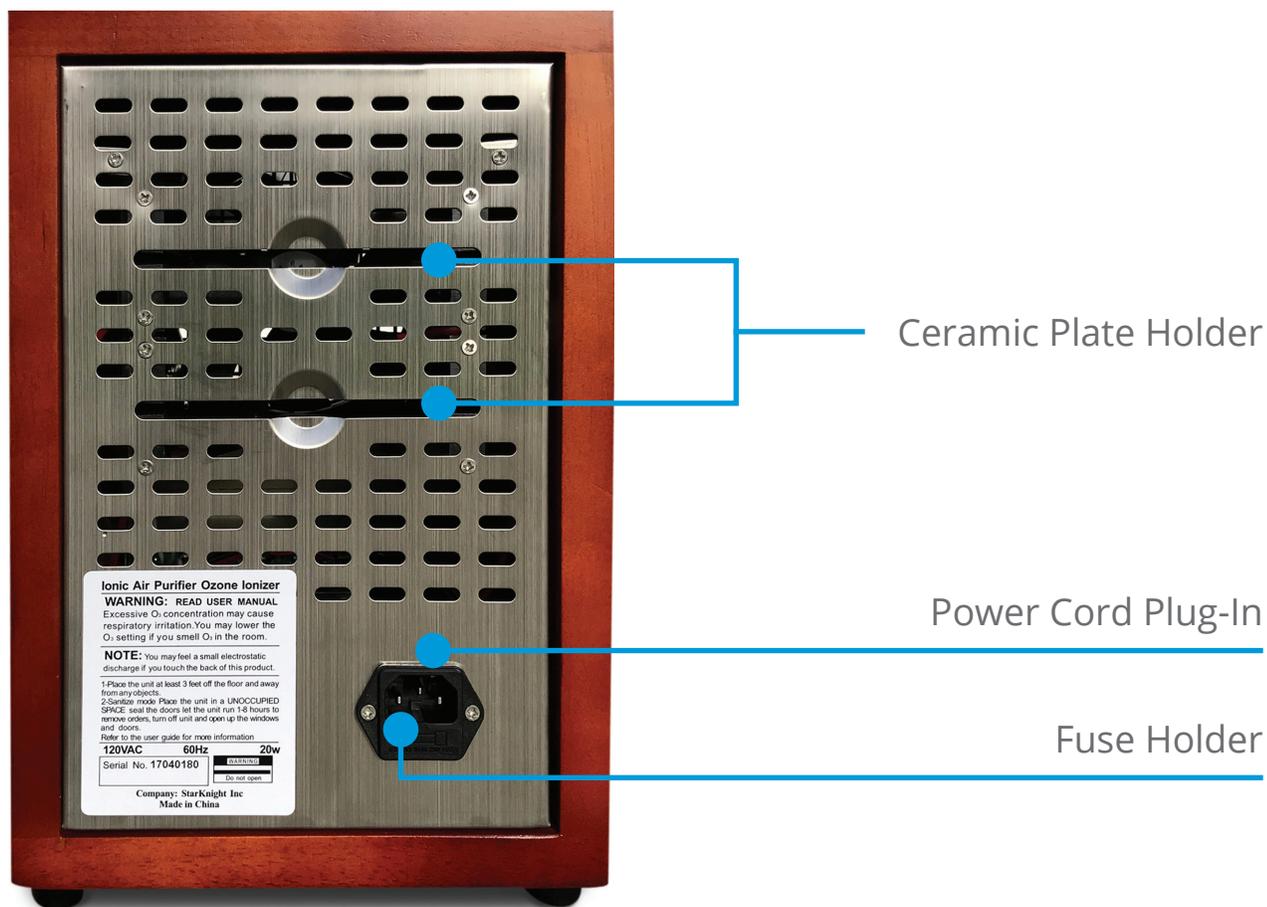
## FRONT



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 user turns the Ozone dial Clockwise (low to high).
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



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). <b>DO NOT</b> bypass ground wired cord.
Fuse Holder	Houses removable fuse. (Available in most electrical supply stores, 1 amp, 1.25 inch)

# APPLICATION GUIDE

Model No.	Ozone Output	Room Size / Working Time		
		300 SqFt	500 SqFt	1,000 SqFt
3000A	360mg/h	20 minutes	30 minutes	60 minutes

## TROUBLESHOOTING

If you suspect a problem with your unit, check the following:

1. Unit is plugged in properly and turned on.
2. Wall outlet is active.
3. Ceramic plates are 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).
5. It's important that the ozone generator be properly grounded to avoid potential shock.
6. If the fan is still not operating or no buzzing sound is detected when operating, call the Service/Warranty Service number.

## MAINTENANCE

1. Turn off unit and unplug power.
2. Pull out the ozone plate at the back of the unit.
3. Clear or replace the ozone plate(s).

**NOTE:** Clean the ozone plates with alkalinity water and pure water. Dry before installing it.

**Make sure to unplug the power adaptor before maintenance.**

# 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.



## Something to keep in mind

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

Although the Air Purifier has ozone output levels 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**

**Ozone is NOT necessary.** The air purifier will work without ozone feature ON or without the plate(s) being inserted.

# FREQUENTLY ASKED QUESTIONS

## Q. What does the Air Purifier do?

A. The Air Purifier 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 Air Purifier treat the air?

A. The Air Purifier produces ozone and negatively charged ions, in the same way nature uses these effective cleansing agents to treat outdoor air.

## Q. How does the Air Purifier work?

A. The purifier effectively oxidizes 99% of pollutants through the use of Ozone & Negative Ions:

1. The Air Purifier uses a needlepoint ionizer to drop dust, smoke and other harmful particles from the air we breathe. In our homes and offices there are a lack of negative ions and an abundance of positive ions. The buildings we spend most of our time in block out the natural occurring negative ions. The Air Purifier recreates the natural balance of positive to negative ions to significantly reduce airborne particulate.
2. This Purifier uses electricity to split oxygen O<sub>2</sub> molecules into single Oxygen atoms, which attach loosely to other O<sub>2</sub> molecules to become O<sub>3</sub> (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. How does nature produce ozone?

A. Ozone is created electrically during active thunderstorms. The electrical discharge creates a fresh sweet smell. The ultraviolet rays of the sun striking hydrocarbons in our atmosphere also create ozone.

## Q. Is ozone safe?

A. Ozone in very high concentrations can be irritating to mucous membranes and the respiratory system. We recommend you set the O<sub>3</sub> dial properly, either for short-term temporary use or for longer-term use with no pets or people are around.

**Q. How does nature produce ions?**

**A.** Waterfalls, lightning, and the waves of the ocean all create negative ions.

**Q. Where should I place the Air Purifier in my home or office?**

**A.** The Air Purifier should be placed in the room where you have the most pollutants. The purifier is lightweight and easy to move so it is recommended that you try placing it in a couple of locations to help decide what works best for your environment. An elevated location is better to distribute ions and activated oxygen more evenly. The Air Purifier works best if it is placed within 10 feet of a cold air return duct.

# WARRANTY

## 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 manufacture'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.**





**800-470-4201**

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