ivation

Ivation® Ozone Air Purifier

SKU: IVAOZAP44

User Guide



INTRODUCTION

Thank you for purchasing the **Ivation® Ozone Air Purifier.** This User Guide is intended to provide you with guidelines to ensure that operation of this product is safe and does not pose risk to the user. Any use that does not conform to the guidelines described in this User Guide may void the limited warranty.

Please read all directions before using the product and retain this guide for reference. This product is intended for domestic use only. It is not intended for commercial use.

This product is covered by a limited one-year warranty. Coverage is subject to limits and exclusions. See warranty for details.

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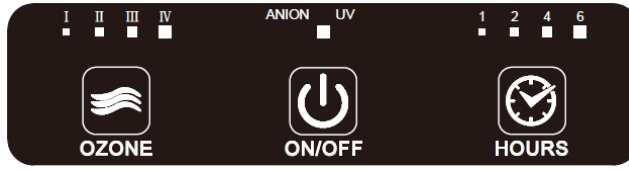
SAFETY PRECAUTIONS

WARNING! Operate this unit in unoccupied spaces only. Inhalation of ozone can cause lung damage and other harmful conditions in people and animals.

- This air unit is not a medical device. Do not stop or alter any medical therapy programs or medications without the advice of your physician.
- Make sure device is turned off and unplugged before removing filters or fan grill for cleaning.
- When inhaled, ozone can damage the lungs. Relatively low amounts can cause chest pain, coughing, shortness of breath and throat irritation.
- Ozone may also worsen chronic respiratory diseases such as asthma and compromise the body's ability to fight respiratory infections.
- Operate this unit in unoccupied spaces only. Do not leave pets in the vicinity while the unit is in operation.
- We strongly recommend that you only operate the unit for the shortest recommended time for your room size.
- Do not attempt to disassemble this unit. There are no user-service able parts inside the unit.
- To avoid electric shock, plug the unit into a grounded electrical outlet.
- Make sure the unit is placed on a flat, even surface in a well-ventilated area. Do not block the fan vent or the back of the unit.
- Do not expose the unit to direct sunlight, high humidity, or extreme temperatures.
- Do not place the unit close to heat sources or open flames.
- Do not use the unit outdoors.
- Unplug the unit before cleaning.
- Do not clean the unit with solvents, boiling water, or cleaning agents.
- Do not place items on top of the unit.
- Use this appliance only for its intended purpose.
- Do not let children operate the appliance unless supervised.

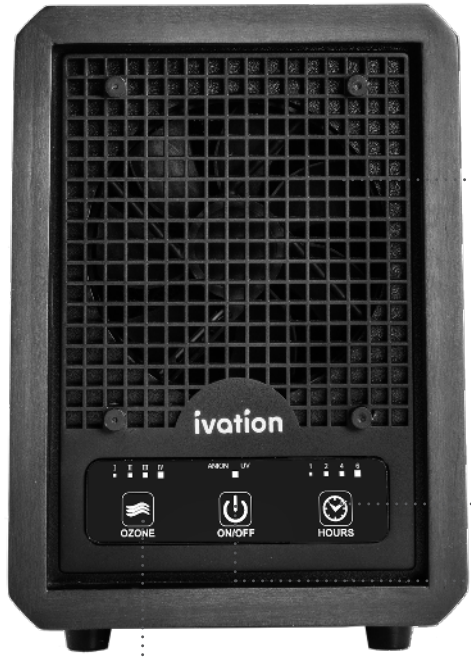
CONTROL FUNCTIONS

ON/OFF – Powers on device, activating the fan, UV lamps and needle-point ionizer.
OZONE – Set the ozone level from I - IV
HOURS – A timer that can be set to 1, 2, 4 or 6 hours. When the timer runs out, the machine will turn off automatically.



PRODUCT OVERVIEW

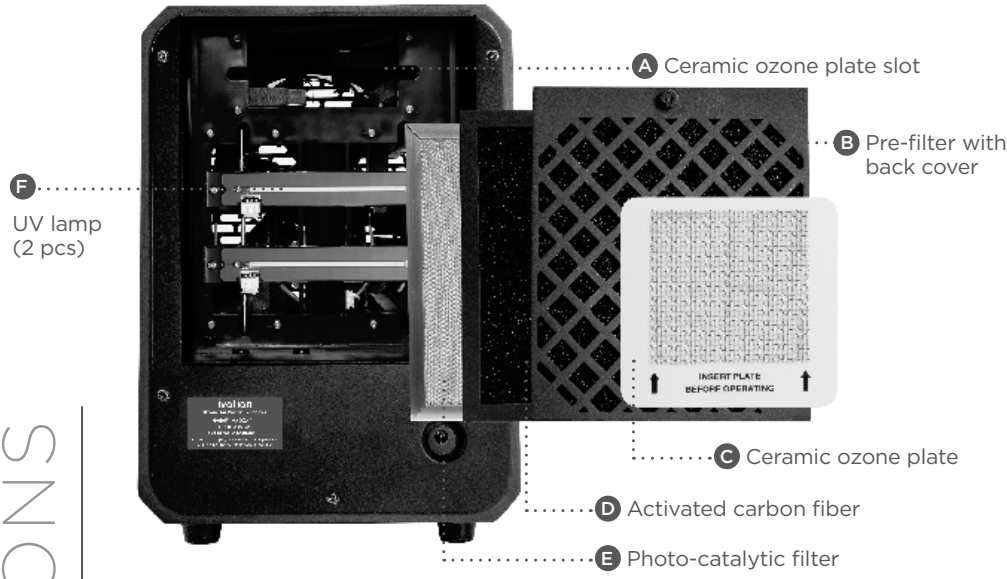
FRONT



A Fan grill
B Hours button
C Power button
D Ozone button

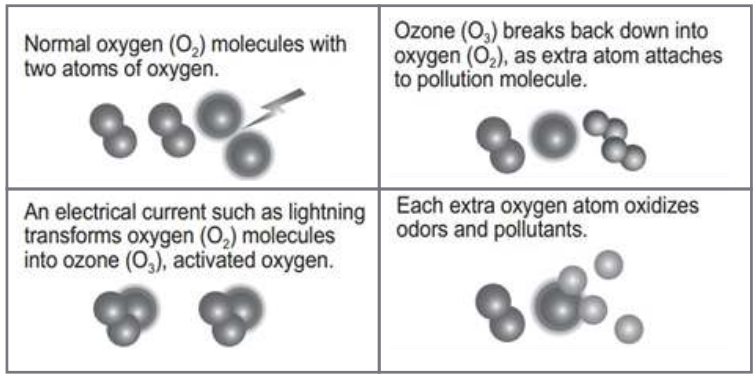
PARTS & DESCRIPTIONS

BACK



Parts	Descriptions
Fan Grill	Removable fan grill that can be washed with warm soapy water. Dry completely before reinstalling.
Power Adapter	100 ~ 240 volt power adapter.
UV Lamps	Two (2) bulbs that generate 365 µm wavelength.
Ceramic Ozone Plate	Removable plate that can be washed with ammonia & water. Dry completely before reinstalling.
Ceramic Ozone Plate Slot	Allows insertion and removal of ceramic ozone plates for cleaning or replacement.
Back Cover with Pre Filter	With the filter attached to it, the back cover removes larger particles in the air.
Activated Carbon Filter	Removes bad smells, odors, smoke, etc.
Photo-catalytic Filter	A long lasting filter that should be cleaned with compressed air.

HOW DOES IT WORK?



HOW DOES IT WORK?

Nature creates ozone (O3) as a natural air cleaner in a number of ways, usually involving an ordinary oxygen (O2) molecule and some form of electrical charge (like lightning or static electricity in the air). The electrical current transforms an ordinary O2 molecule into an O3 molecule. If you've taken a walk after a thunderstorm and experienced the fresh, clean smell in the air, you've experienced the after-effects of ozone at work in the environment.

The Ivation® Ozone Air Purifier creates O3 via a special process that utilizes an electrical current and the oxygen in the room. The ozone then sanitizes the air in your room by breaking down odors, microorganisms, and other pollutants at their source.

During the air sterilization process, no one can be present in the room, because ozone is not safe for humans or animals to inhale. The ozone air purifier includes a timer for your safety and convenience. Once the timer runs out, the device will deactivate automatically. After about an hour, the ozone reverts back to normal oxygen, and the room will be safe for you to re-enter. Breathe deep, knowing the air in your room is fresh and clean.

INSTRUCTIONS

1. Remove back cover and set to the side. (There is only one screw that needs to be loosened to take off back cover.)

2. Install the ceramic ozone plate in the ceramic ozone plate slot. Make sure the ceramic ozone plate is firmly in place.

3. Place back cover on unit and tighten the screw.

4. Connect the power adapter into the machine then plug into an outlet.

5. Use the ON/OFF button to turn on device. A green light will come on indicating your device is on.

6. Press the OZONE button to activate the ozone at level I. Press button again to select a higher setting if necessary. A green light will show you which ozone level is currently activated. (The ideal amount of O3 will leave your room smelling clean and fresh. If the unit is set too high, you will smell too much O3. If it is set too low, you will smell household odors.)

7. Set timer if you plan to be away for a long time. Use the HOURS button to have the purifier run for 1, 2, 4 or 6 hours. A green light will show you which time you have selected. Once the timer runs out, the machine will automatically turn off. You can set the timer and leave the machine alone without worry. Once the machine is finished, wait an hour before entering the room for the O3 to change back to O2. (If timer is not set, the air purifier will stay in use until it is manually turned off.)

OPERATION

Optimal Location of Unit Placement: For optimal treatment of air cleansing in your designated area, your new ozone generator should be placed in a high central location. Your unit can be set on a tall piece of furniture. Allow three (3) inches between the back of unit and the wall to allow proper airflow.

NOTE: The reason for an elevated placement of the unit is that O3 is heavier than air. Elevated placement allows for better circulation. It is also suggested that the purifier be placed in the room that is closest to the primary source of odor.

Heavy Purification: If you desire to treat the entire house, set the fan switch on your home's heating & cooling system to the ON position rather than AUTO. Open all interior doors and adjust the OZONE level to the appropriate setting. Then, place the unit so the air from the purifier flows directly into an air vent.

NOTE: Do not follow the instructions for heavy purification unless your home will be empty of people and pets while the ozone generator is running.

Altitude: Generally, at high altitudes, the requirement for activated oxygen (O3) decreases. Therefore, higher altitudes should require lower settings.

Humidity: Generally, in high humidity, the requirement for activated oxygen (O3) increases. Therefore, high humidity may require higher settings. High humidity may require additional cleaning.

RECOMMENDED LOCATIONS FOR PURIFICATION

- Homes & living areas
- All types of offices & stores
- Water & fire damaged areas
- New paint & wallpaper areas
- Odor clean-up
- "Sick" buildings
- Hospitals & nursing homes
- Veterinary offices
- Smoking areas
- Hotel rooms
- High pollen environments
- New carpet furniture & rooms
- Kitchens
- Attics & basements
- Laundry rooms
- Doctors' offices
- Day care centers
- Stables & aviaries
- Locker rooms
- Restaurants & bars

COMMONLY ASKED QUESTIONS

Q. What does the Air Purifier do?

A. It cleans the air in your home or office by breaking down odor-causing pollutants that enter your breathing space.

Q. How does the Air Purifier clean the air?

A. The Air Purifier produces ozone and negative ions that eliminates the bad odors and other toxins in your air space. These are the same effective cleansing agents that nature uses to purify outdoor air.

Q. How does the Air Purifier work?

A. There are five functions at work while the purifier is operational:

1. The Air Purifier uses a needle-point ionizer to drop dust, smoke and other harmful particles from the air we breathe.
2. The Air Purifier uses electricity to split O2 molecules, or oxygen, into single O1 atoms which attach loosely to other O2 molecules creating O3 or activated oxygen. These loosely attached O3 molecules are unstable and seek to bond with chemical compounds and other odor-causing pollutants in order to oxidize them.
3. UV lamps combined with photo-catalytic filter help to kill bacteria.
4. Carbon filter helps to absorb odors.
5. Pre-filter helps to filter larger particles from the air.

Q. How does nature produce ozone?

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

Q. How does nature produce ions?

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

Q. What is an ozone alert?

A. Ozone alerts in cities occur when high pollution levels of hydrocarbons appears which is produced by the burning of fossil fuels. When ultra violet rays from the sun strike hydrocarbons, O3 is one of the by-products. Ozone is easily detected and is sometimes used as a reference point for the level of pollutants.

Q. How does it compare to air filters?

A. Air Purifier does not rely on the air to actually pass through the machine to be cleaned like air filters. It's not a filter at all. Air Purifier produces both activated oxygen, which reduces odors, and negative ions, which eliminates particles.

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 OZONE button properly and leave the area to let the purifier to its job. Before using the Air Purifier, you should read the enclosed instructions carefully. DO NOT stay in room once you set up your purifier.

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 Air Purifier is easy to move so you might want to try 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 four (4) feet of a cold air return.

Q. Is the ceramic ozone plate difficult to install?

A. No. To install the ceramic ozone plate (located in separate box packaged inside the carton), first, loosen the back cover which has one screw only. Next, take out filters and insert the ceramic ozone plate into the ceramic ozone plate slot. Then, put the filters carefully back in place. Finally, position the back cover in place and tighten the screw.

CLEANING & MAINTENANCE

When the purifier no longer produces enough ozone to be effective, the ozone plate should be cleaned. A good rule of thumb is cleaning once a month. Some environments cause ozone output to be reduced in a shorter time but other environments may take longer.

To clean a ceramic ozone plate

- Turn off the unit and unplug it from outlet.
- Open back cover and take out filters one by one.
- Remove the 4" x 4" ceramic ozone plate from the ceramic ozone

plate slot. Pull the plate firmly from the center to remove from the slot.

- Apply a 50/50 solution of warm water and ammonia or a strong grease cutting detergent with plate placed firmly in the hand.
- Scrub with a stiff brush if necessary. (Be careful not to drop the plate or scrub off the silicon)
- Clean both the metal screen and the ceramic tile of the plate.
- Rinse plate in hot water and dry completely before reinstalling. (You may use a hair dryer to dry the plate if available.)
- Reinstall the ceramic ozone plate, making sure it is secured then put back the filters and tighten the back cover.
- Plug unit into a grounded electrical outlet, turn on the unit and start enjoying clean, fresh air.

To clean needle-point ionizer

- Turn off the unit and unplug it from the outlet.
- Remove the front fan grill. The needle-point ionizer is located in front of the fan near the two (2) pieces of wire.
- Take a Q-tip or cotton swab dipped in alcohol and clean any dust that may have accumulated on the needle-points. This process may be done when plates are being cleaned. (While you have the front grill off the unit, you may also clean the fan and grill itself.)

To clean the fan

- Make sure the unit is off and unplugged.
- Wipe the blades with a damp cloth.
- Let dry before reinstalling fan grill.

To clean fan grill cover

- Make sure the unit is off and unplugged.
- Unscrew the four (4) bolts and remove the fan grill.
- Use warm, soapy water to clean the grill.
- Wipe down the grill until completely dry before reinstalling.

TROUBLESHOOTING

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

- Make sure plate is clean (see above).
- Unit is plugged in properly and turned on.
- Wall outlet is active.

- Check plate alignment making sure the ceramic ozone plate is firm in the ceramic ozone plate slot.
- It is important that the air purifier be properly grounded to avoid potential shock.

If the fan is not operating or after cleaning the plate there is no buzzing sound to be detected, please contact your local dealer. If UV lamps aren't operating, they can be replaced by an authorized technician.
NEVER ATTEMPT to remove the entire back panel of the unit, as there are no user serviceable parts.

SPECIFICATIONS

- **Rated Power: 27 W**
- **Rated Voltage: DC 12 V**
- **Ozone Output: 500 mg/h**
- **Timer: 1, 2, 4 or 6 hours**
- **Compatible Room Sizes: up to 3500 sq. ft.**
- **Dimensions: 7″ x 8.7″ x 9.6″ (17.7 cm x 22 cm x 24.5 cm)**
- **Weight: 7.5 lbs. (3.4 kg)**

WARRANTY INFORMATION
LIMITED WARRANTY ON IVATION® OZONE AIR PURIFIER

THIS LIMITED WARRANTY GIVES YOU SPECIFIC LEGAL RIGHTS AND YOU MAY ALSO HAVE OTHER RIGHTS, WHICH VARY FROM STATE TO STATE.

WE WARRANT THAT DURING THE WARRANTY PERIOD, THE PRODUCT WILL BE FREE FROM DEFECTS IN MATERIALS AND WORKMANSHIP.

LIMITATION OF LIABILITY

TO THE EXTENT NOT PROHIBITED BY LAW, THIS WARRANTY IS EXCLUSIVE AND IN LIEU OF ALL OTHER WARRANTIES, ORAL, WRITTEN, STATUTORY, EXPRESS OR IMPLIED. EXCEPT FOR THE EXPRESS WARRANTIES CONTAINED IN THIS LIMITED WARRANTY STATEMENT AND TO THE EXTENT NOT PROHIBITED BY LAW, WE DISCLAIM ALL OTHER WARRANTIES, EXPRESSED OR IMPLIED, STATUTORY OR OTHERWISE, INCLUDING WITHOUT LIMITATION, THE WARRANTIES OF MERCHANTABILITY AND FITNESS FOR A PARTICULAR PURPOSE. SOME STATES DO NOT ALLOW DISCLAIMERS OF IMPLIED WARRANTIES, SO THIS DISCLAIMER MAY NOT APPLY TO YOU. TO THE EXTENT SUCH WARRANTIES CANNOT BE DISCLAIMED UNDER THE LAWS OF YOUR JURISDICTION, WE LIMIT THE DURATION AND REMEDIES OF SUCH WARRANTIES TO THE DURATION OF THIS EXPRESS LIMITED WARRANTY.

OUR RESPONSIBILITY FOR DEFECTIVE GOODS IS LIMITED TO REPAIR, REPLACEMENT OR REFUND AS DESCRIBED BELOW IN THIS WARRANTY STATEMENT.

WHO MAY USE THIS WARRANTY? C&A Marketing, Inc. located at 114 Tived Lane East, Edison, NJ (***"we"***) extend this limited warranty only to the consumer who originally purchased the product (***"you"***). It does not extend to any subsequent owner or other transferee of the product.

WHAT DOES THIS WARRANTY COVER? This limited warranty covers defects in materials and workmanship of the Ivation ozone air purifier (the ***"product"***) for the Warranty Period as defined below.

WHAT DOES THIS WARRANTY NOT COVER? This limited warranty does not cover any damage due to: (a) transportation; (b) storage; (c) improper use; (d) failure to follow the product instructions or to perform any preventive maintenance; (e) modifications; (f) unauthorized repair; (g) normal wear and tear; or (h) external causes such as accidents, abuse, or other actions or events beyond our reasonable control.

WHAT IS THE PERIOD OF COVERAGE? This limited warranty starts on the date of your purchase and lasts for one year (the ***"Warranty Period"***). The Warranty Period is not extended if we repair or replace the product. We may change the availability of this limited warranty at our discretion, but any changes will not be retroactive.

WHAT ARE YOUR REMEDIES UNDER THIS WARRANTY? With respect to any defective product during the Warranty Period, we will, at our sole discretion, either: (a) repair or replace such product (or the defective part) free of charge or (b) refund the purchase price of such product if an exchange unit cannot be provided.

HOW DO YOU OBTAIN WARRANTY SERVICE? To obtain warranty service, you must contact us at 1-866-849-3049 or by email at info@myivation.com during the Warranty Period to obtain a Defective Merchandise Authorization (***"DMA"***) number. No warranty service will be provided without a DMA number and return shipping costs to our facilities shall be assumed by you, the purchaser. Shipping costs of the replacement unit to you shall be assumed by us.

GET IN TOUCH!

info@myivation.com
1-866-849-3049

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