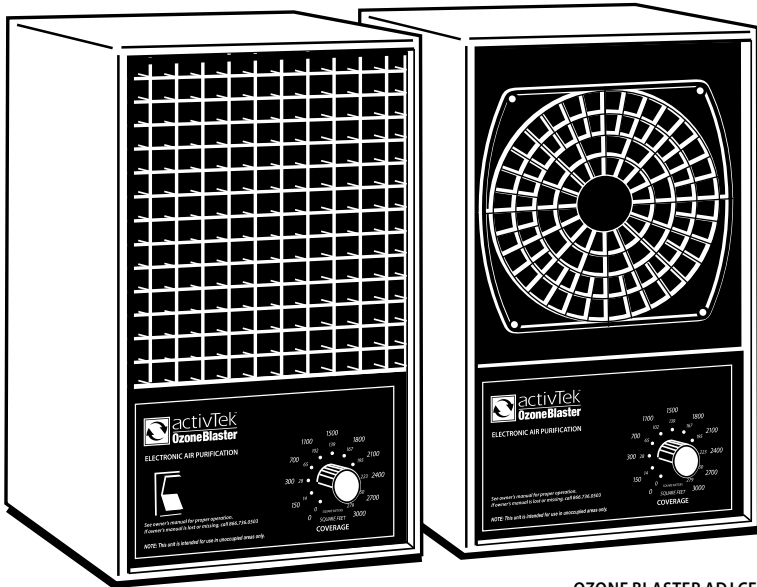


activTek™

OzoneBlaster



OZONE BLASTER ADJ

OZONE BLASTER ADJ CE

activTek
ENVIRONMENTAL

Electronic Air Purification System

READ MANUAL CAREFULLY FOR PROPER PROCEDURES AND OPERATION.



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Please record the name and phone of your activTek Distributor:

Name _____

Phone _____

Please record the serial number of your Ozone Blaster by activTek:

Serial # _____



CAUTION: This unit is to be used in unoccupied areas only.



WARNING: **DO NOT** operate this unit without the lint screen installed.



CAUTION: **DO NOT** operate unit without one or all ozone plate(s) properly installed. Doing so may void your warranty.



CAUTION: Disconnect power cord before servicing.
Use 1.0 amp slow-blow fuse for 220v or 240v units.
Use 1.6 amp slow-blow fuse for 100v or 120v units.



WARNING: To reduce the risk of electric shock, this equipment has a grounding type plug that has a third (grounding) pin. This plug will only fit into a grounding type power outlet. If the plug does not fit into the outlet, contact qualified personnel to install the proper outlet. Do not alter the plug in any way.



WARNING: Location for Protective Earth Line.

APPLICATIONS

Remediation and maintenance where undesirable odors and smoke are persistent or need to be controlled.

FEATURES

- Compact
- Portable
- No Duct Work Required
- No Chemicals
- Low Maintenance
- Low Electrical Use
- Complete User Control
- No Residual Contamination
- Plugs into 100 volt, 120 volt, 220 volt, or 240 volt outlet (depending on model)

SPECIFICATIONS

FEATURES:

- Washable permanent lint screen
- Ozone control

ELECTRICAL:

- 100v 50/60 Hz, 120v 60 Hz, or 220/240v 50/60 Hz
- 75 watts power consumption

MECHANICAL:

- 52 CFM
- One front-mounted control for ozone output

SIZE:

- Height: 11 3/4"; Width: 8"; Depth: 9 3/4"
- Weight: 16 pounds

OZONE OUTPUT:

- 0-1,200mg per hour

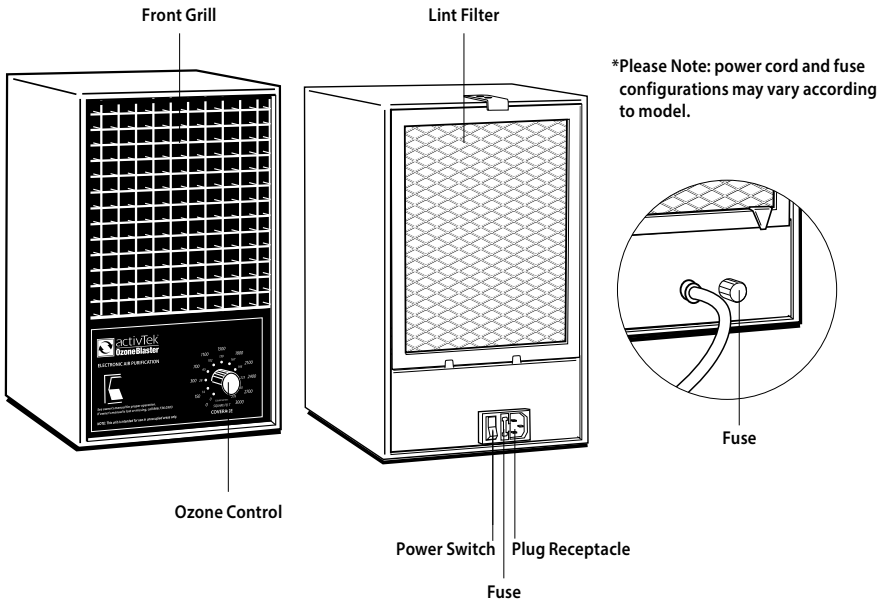
This owner's manual is also available online at: <http://www.activTek.net>

PRINCIPLES OF OPERATION

Nature cleans the air with the lightning and rain. Lightning bolts produce ozone which cleans the air naturally. Rain helps bring the ozone closer to the earth's surface. They are then attracted to atmospheric contaminants that are either removed from the air and attached to grounded objects or are oxidized.

INSPECTION

1. Remove unit from shipping carton.
2. Remove all protective materials.
3. Check for shipping damage and loose or broken parts.
4. Read Owner's Manual thoroughly prior to installation.
5. Remove ozone plates from the box and install.
6. OPTIONAL: Plug the unit into a 100, 120, 220, or 240 volt outlet, place in shipping box with unit on and purifier knob set to maximum for at least one hour to remove traces of manufacturing odor.
7. Determine placement location for the unit, plug the unit into 100, 120, 220, or 240 volt outlet and adjust controls according to the application.



(configuration may vary according to model*)

PLACING THE UNIT

Place the unit as high as possible (5 to 6 feet from the floor – top of a bookshelf, high cabinet, etc.) and at least 6 inches from wall or other obstruction for maximum effectiveness. Do not point the unit towards a wall or directly at the ceiling.

If raised placement is not available, place unit as high as possible and elevate the front of the unit. Pollutants such as smoke may rise and, when elevated, the unit can oxidize the pollutants more effectively.

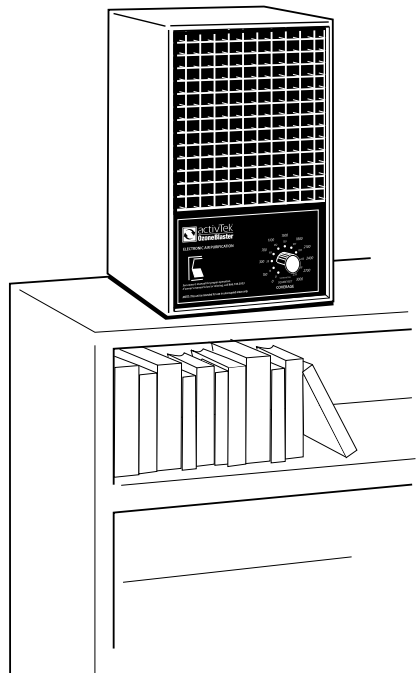
The Ozone Blaster is most effective when placed in a position that allows the ozone to be mixed evenly and thoroughly with the polluted air.

Suggested locations, listed in the order of preference:

1. Nearest the source of the worst pollution.
2. Near a cold-air return to thoroughly circulate treated air throughout the area.
3. In the area most heavily used to achieve maximum benefit.

NOTE:

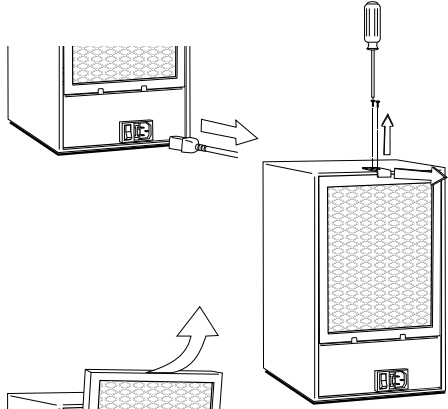
- For maximum control, the unit should be placed where easy access to the controls is possible.
- The rear of the unit should always have at least one inch of open area to allow unrestricted airflow.
- To prevent injury, be sure the power cord is not accessible to small children.



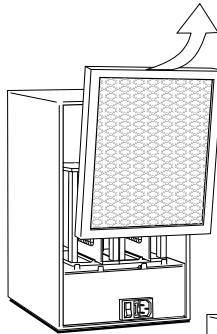
OZONE PLATE INSTALLATION

The Ozone Blaster utilizes two ozone plates.

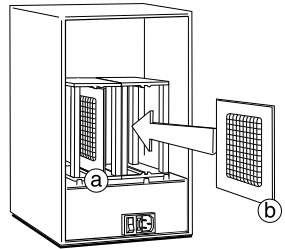
1. Unplug the unit before doing any work.



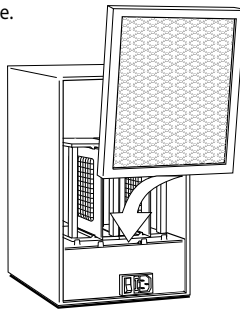
2. Remove two (2) screws and clip from top of unit.



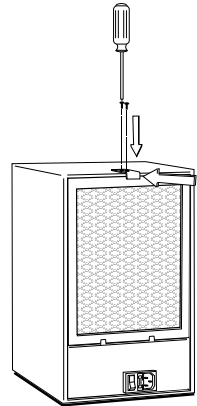
3. Remove filter by tilting and pulling up.



4. Fully insert the ozone plates (a & b) between the guide-grooves in the top and bottom of the plate cage (between the posts and clips) making sure the metal clip on each side of the plate is in contact with the metal screen on the plate.



5. Re-install lint screen as shown.

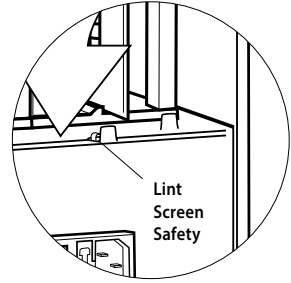


6. Re-install clip and two (2) screws as shown.

LINT SCREEN INSTALLATION

1. Always install bottom of lint screen first.
2. The lint screen should depress the safety switch.
3. Fit top of lint screen into cabinet.

Unit will not operate if safety switch is not depressed.



SETTING/ADJUSTING

1. FAN CONTROL

The disbursement of purification properties is best accomplished with good air circulation. This will be determined by personal preference and the distance you wish the purification properties to be dispersed.

NOTE: A ceiling fan can also aid in distribution of purification properties.

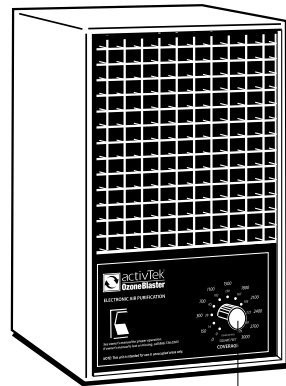
2. OZONE CONTROL

- Turn the power switch to the "ON" position (this will activate the fan).
- Set the ozone control to the desired quantity of ozone emission. Ozone will then be emitted for an indefinite amount of time.

3. OZONE INFORMATION

Ozone is one of the most powerful oxidizing gases found in all outdoor environments. It is capable of reacting or destroying vast numbers of organic materials found in indoor environments. Used in low dosages, it is capable of controlling odors.

As with all useful materials and tools, side effects and risks need to be taken into consideration when using them. Ozone, in extremely high concentrations, is capable of causing eye and skin irritation, coughing, headaches, chest pain, and small lung volume reductions. These effects are reversible upon the lowering or removal of the extremely high levels of ozone.



Ozone Control

SETTING/ADJUSTING (CONTINUED)

4. TREATING AN AREA

4a. SITE PREPARATION

- Remove the contaminant or debris that may be associated with the source of the problem.
- Clean excess contaminate residue off surfaces.
- Seal the environment intended to be treated. Close vents and air returns. It may be necessary to seal off return vents to prevent leakage of ozone into other areas. It may also be necessary to seal and tape doorways and/or windows to contain the ozone and maximize effectiveness.

4b. SIGNAGE

- Place signage at all points of access to the treated area, during ozone decontamination and for a minimum of 30 minutes after ozone exposure. Signage should state:

“DO NOT ENTER, OZONE TREATMENT IN PROGRESS.”

MAINTENANCE

Periodic maintenance is required to ensure that the Ozone Blaster operates properly. A severely polluted environment can foul an ozone plate in as little as two weeks or as long as a year. Shown here are basic maintenance procedures that should be carried out to keep your unit running at top performance.

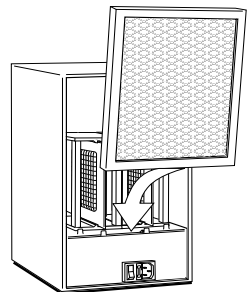
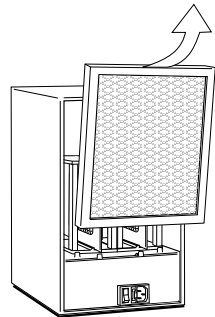
Rear lint screen filter cleaning:

You have two options to clean the lint screen:

- When visibly dirty, simply remove the lint screen and with a hand-held vacuum remove the heavy particulate from the screen. This method will extend the life of the filter.

- OR -

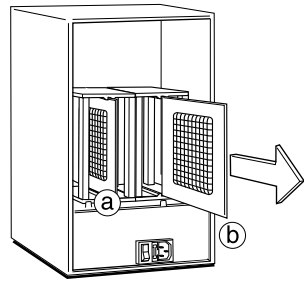
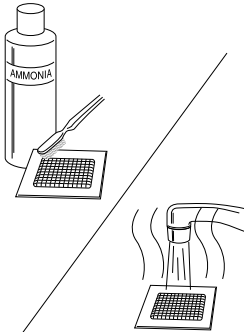
- When visibly dirty, remove the lint screen from the back of the unit and wash in hot water, brushing gently with a toothbrush to remove particulate. Allow to dry prior to re-installing the lint screen.



MAINTENANCE (CONTINUED)

OZONE PLATE

Carefully remove the plates (a & b) from the card cage by grasping the middle of the edge nearest to you and slowly pulling straight out.



For all applications - Clean with 50% ammonia and 50% water to remove contaminants. Put the plate(s) into a shallow dish and pour enough mixture into the dish to just cover plate(s). Allow the plate(s) to soak for 10-20 minutes. Remove and scrub with a soft bristle brush. Rinse thoroughly. Let air dry for 24 hours or use a blow dryer to dry thoroughly.

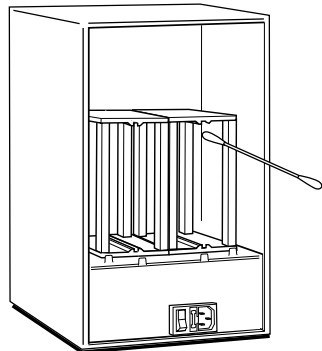
If you are in an environment where there are fats, oils, or grease, such as in a kitchen, start cleaning with denatured alcohol and a soft bristle brush. This will cut the grease without leaving a residue.

PLATE CARD CAGE

Also be sure to clean the stand-offs at the corners of the ozone plate card cage. (A cotton swab with alcohol works well.)

FAN BLADE AND FRONT GRILL

Wipe off fan blade and front grill if dirty with damp washcloth. The fan requires no maintenance (with the exception of the first time it is used, when it may be necessary to give it a gentle push to get it started). If the fan squeaks, a drop of lightweight oil may be needed on the fan shaft.



TROUBLESHOOTING

1. I have plugged in the unit, turned "ON" the power switch and nothing happens... what's wrong?

- Make sure cord is securely plugged into the back of the unit and into a working electrical outlet.
- Check the lint screen located at the back of the machine to ensure that the safety switch activator clip depresses the safety switch.
- Check to see if the proper fuse is installed and that it is serviceable.
- Ensure that the fuse cap is completely seated and secured in its receptacle.

2. The fan is operating although the unit doesn't produce any ozone...what's wrong?

- Check the ozone plate(s) for serviceability. If they are cracked or broken, the ozone plate(s) will require replacement. Ensure maintenance procedures required for the ozone plate(s) have been performed according to the "Maintenance" section (page 8-9) of this Owner's Manual. Order new plates from your Dealer.
- Electrical stainless steel contacts are not contacting the screen portion of the Ozone plate(s). Inspect the unit for any loose connections.
- Do not attempt to disassemble the unit, due to the Limited Warranty of the product.

3. The Ozone Plate(s) are making a noise, have a burning smell, and/or appear to arc or spark. What is the problem?

- Ozone plate is most likely cracked. Refer to the answers for question # 2, as it would apply to this question also.

4. What are the most typical application problems?

- Symptom: A belief that the proper equipment is placed in the environment and the equipment appears unsuccessful.

Problem: Lack of air movement, improper placement of the unit.

- Symptom: Strong odors still remain with the environment after placement.

Problem: Lack of ozone, improper placement of the unit.

- Symptom: A strong odor of ozone is present within the environment.

Problem: Too much ozone accumulation within the environment, as a result of improper purifier control setting, and/or lack of air movement.

TROUBLESHOOTING (CONTINUED)

5. Unit does not operate -

- Is the unit plugged in?
- Are you sure the outlet is active?
- Is the unit turned on?
- Is the rear lint screen installed properly to depress the safety switch forward?

6. Air flow is restricted or reduced -

- Is the unit properly placed away from objects that may obstruct air flow?
- Are the filter and fan housing clean?

If your unit fails to operate properly after performing troubleshooting, contact your activTek Distributor. For further assistance, contact us at the address located on the back of the manual, or visit www.activTek.com.

FCC STATEMENT AND USER INFORMATION

This equipment has been tested and found to comply with the limits for Industrial, Scientific and Medical Equipment (ISM), pursuant to Part 18 of the FCC Rules. These limits are designed to provide reasonable protection against harmful interference when the equipment is operated in a commercial environment. This equipment generates, uses and can radiate radio frequency energy and, if not installed and used in accordance with the instructions, may cause harmful interference to radio communications. Operation of this equipment in a residential area is likely to cause harmful interference in which case the user will be required to correct the interference at his own expense.

WARRANTY INFORMATION

LIMITED 3 YEAR WARRANTY

Customer should not repackage and ship the activTek Ozone Blaster unit due to possibility of irreparable damage. For warranty service, please contact your activTek Distributor for the address of the nearest service center or call Customer Service at 866.736.0503.

WHAT IS COVERED BY THIS WARRANTY

We warrant the activTek Ozone Blaster (excluding filters and ozone plates) to the Customer, subject to the conditions below, against defects in workmanship or material, provided that the products are returned to a service location within the following time periods:

- activTek Ozone Blaster within three (3) years of date of purchase (except ActivePure® Cell and Lamp).

INSTALLATION AND MAINTENANCE REQUIREMENTS

This warranty is expressly conditioned upon proper installation, operation, cleaning and maintenance, all in accordance with the Owner's Manual. Failure to meet any of these requirements will void this warranty. Servicing of your activTek Ozone Blaster by parties other than our authorized representatives and/or using parts other than genuine parts will also void this warranty.

HOW TO OBTAIN WARRANTY SERVICE

Customer must contact their activTek Distributor and provide proof of purchase within the above time periods. We will repair or replace and return the product, without charge and within a reasonable period of time, subject to the conditions herein, if its examination shall disclose any part to be defective in workmanship or material. If we, in our discretion, are unable to repair the product after a reasonable number of attempts, we will provide either a refund of the purchase price or a replacement unit, at the company's option.

SERVICE

Every effort is made to ensure customers receive an up-to-date instructions manual on the use of our products; however, from time to time, modifications to our products may without notice make the information contained herein subject to alteration. For the latest information, please visit our web site.

WHAT IS NOT COVERED BY THIS WARRANTY

Ordinary wear and tear shall not be considered a defect in workmanship or material. These warranties do not apply to filters nor for loss or damage caused by accident, fire, abuse, misuse, improper installation, leaking, modification, misapplication, or by any repairs other than those provided by our authorized Service Center. This warranty is non-transferable.

MISSING SERIAL NUMBERS AND UNAUTHORIZED CHANNELS

If a valid serial number is missing from the product, the warranty will be voided. ActivTek products are authorized for sale through activTek Distributors only. Warranties are voided if a product is purchased through unauthorized channels; this includes websites that are not authorized to use activTek's trademarked names, images and logos as well as Internet auction sites (e.g. eBay and craigslist). The only approved Internet presence for activTek products is www.activTek.net. To confirm warranty coverage prior to purchasing a product, contact activTek at 866-736-0503 with the serial number located on the back of the unit.

EXCLUSION OF OTHER WARRANTIES AND CONDITIONS

EXCEPT AS PROVIDED HEREIN, WE MAKE NO REPRESENTATION OR WARRANTY OF ANY KIND. ALL OTHER WARRANTIES OF ANY KIND, EXPRESS OR IMPLIED, ARE HEREBY EXPRESSLY DISCLAIMED, INCLUDING ANY IMPLIED WARRANTY OF MERCHANTABILITY OR FITNESS FOR A PARTICULAR PURPOSE.

LIMITATION OF LIABILITY FOR SPECIAL, INCIDENTAL, OR CONSEQUENTIAL DAMAGES

WE SHALL NOT IN ANY CASE BE LIABLE FOR SPECIAL, INCIDENTAL OR CONSEQUENTIAL DAMAGES ARISING FROM BREACH OF EXPRESSED OR IMPLIED WARRANTIES, CONDITIONS, GUARANTEES OR REPRESENTATIONS, BREACH OF CONTRACT, NEGLIGENCE OR ANY OTHER LEGAL THEORY. Such excluded damages include, but are not limited to, loss of profits or revenue, and loss of the use of the products, and any loss caused by leaks or other water damage.

FOR U.S. APPLICATION ONLY

This warranty gives you specific legal rights, and you may also have other rights which vary from state to state. Some states do not allow limitations on warranties, or on remedies for breach. In such states, the above limitations may not apply to you.

FOR CANADIAN APPLICATION ONLY

Exclusion of Subsequent Owners: Except as otherwise required by applicable legislation, this warranty is not transferable. This warranty gives you specific legal rights and you may also have other rights which vary from province to province. Some provinces and territories do not allow limitations on warranties, or on remedies for breach. In such provinces or territories, the above limitations may not apply to you. If any provision of this warranty or part thereof is held by a court of competent jurisdiction to be invalid, illegal, or unenforceable, the validity, legality and enforceability of the remaining provisions or parts thereof will not in any way be affected or impaired within the jurisdiction of that court. This entire warranty shall continue to be valid, legal and enforceable in any jurisdiction where a similar determination has not been made.

This warranty is provided by
DBG Group Investments, LLC
300 East Valley Drive
Bristol, VA 24201



DBG Group Investments, LLC • dba activTek Environmental

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