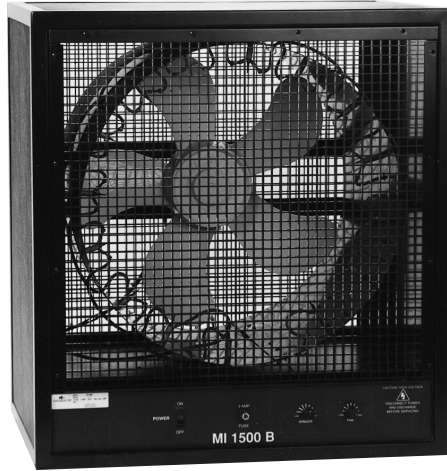


activTek®

ENVIRONMENTAL



MODEL MI-1500B

OWNER'S MANUAL

- Features
- Installation & Inspection
- Operation
- Maintenance
- Warranty

CAUTION: Read manual carefully for proper procedures and operation.

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OUTSTANDING FEATURES

- 120-220 volt operation
- Low electrical consumption
- No residual contamination
- No chemicals
- Very low maintenance
- Complete user control

MODEL MI-1500B - SPECIFICATIONS

(Mass Ion Generation and Dispersion)

Features – positive and negative ion level control steel chassis for industrial application.

Electrical –

- 120 volt 60 hz AC line operation **or**
- 220 volt 50/60 hz AC line operation
- Less than 150 watts power consumption
- 26 kv DC ion generator

Mechanical –

- 3000 CFM adjustable free air delivery fan.

Dimensions & Weight –

- 28" (height) x 26" (width) x 18" (depth)
- 55 lbs.

INSTALLATION AND INSPECTION

- Remove unit from shipping carton
- Remove all protective materials
- Check for shipping damage or loose/broken parts
- Plug the unit into an electrical outlet and adjust controls according to the application. (See Placement Of Unit, page 4 and Adjust/Setting Unit Controls, page 5.)

PRINCIPLES OF OPERATION

Nature cleanses the air with lightning and rain. Lightning bolts produce positive and negative ions which cleanse the air naturally. Rain helps bring ions close to the earth's surface. They are then attracted to atmospheric contaminants and either removed from the air or attached to grounded objects.

The MI-1500B produces billions of negative ions which function in the following manner: Airborne particulate, contaminants, and pollution are electrically charged, precipitated together, and then adhere to a grounded surface or are made heavy enough to be influenced by gravity.

PLACING THE UNIT

Elevate the unit as high as possible to insure complete purification. Some pollutants such as smoke rise and the unit, when elevated, can more effectively eliminate the pollutant.

The MI-1500B is most effective when placed in a position that allows the ions to be spread evenly and thoroughly mixed with the polluted air. Suggested location, listed in the order of preference:

1. In or near the air stream or current within the room that will best disperse the ions
2. Nearest the source of worst pollution
3. In the area most heavily used to achieve maximum benefit

ADJUST/SETTING CONTROLS

Ionizer Control –

The adjustment and setting of the ionizer control for the MI-1500B ranges from full positive to full negative and is determined by application. The more particulate or pollutant in the air, the higher the settings need to be. The MI-1500B is capable of creating a static charge on objects. Locate a setting where the pollutants or particulates are eliminated and still have a non-static situation.

Fan Control –

The fan speed is adjustable for the MI-1500B

Static Control –

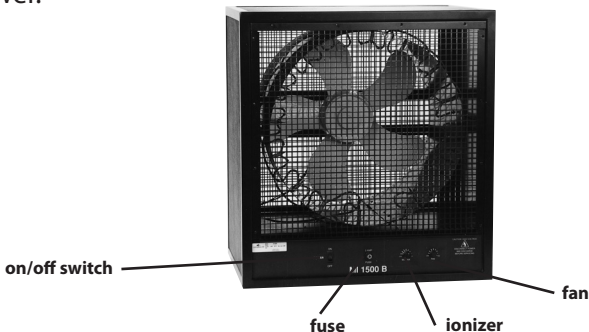
Static is created by an electrical imbalance between positive and negative ions and can be biased positively or negatively. Establishment of the stronger polarity can be determined by a trial and error method; however, the majority of all static problems are positive in nature. This means that the best starting point for the ionizer setting is at the one o'clock position, which is a slightly negative position. If the static problem becomes worse, turn the control to the left in small increments until the problem has been resolved. If the static problems has been reduced, but not eliminated, turn the control to the right in small increments until the problem is resolved.

Warning –

The MI-1500B can create a high level of static electricity in an unpolluted environment which may cause problems with static sensitive equipment, such as computers.

Smoke, Dust, and Particulate Removal –

Airborne contaminates are best removed with the ionizer control set to the extreme right (full negative). Depending upon the nature and degree of the pollution, it may not be necessary to have the control at full power.



MAINTENANCE

Ion Generator –

The ion generator is maintenance free. Periodically check the ion discharge needles for corrosion. Replace them if necessary.

Fan –

The fan requires no maintenance except on the rare occasion where it may be necessary to give it a gentle push the first time it is used. If the fan squeaks, a few drops of light weight oil may be needed on the fan shaft.

TROUBLESHOOTING

1. Is the unit plugged in?
2. Are you sure the outlet is active?
3. Is the unit off/on switch activated?
4. Check the fuse.

APPLICATIONS

- Smoke
- Agricultural Dust
- Airborne Bacteria
- Plastic Operations
- Saw Dust
- Dust
- Bars
- Bingo
- Animal Dander
- Feather Dust
- Printing Areas
- Paper Handling
- Many Others...

Please record the name and phone number of your activTek Distributor:

Name _____

Phone _____

Please record the serial number of your activTek MI-1500B:

Serial # _____

WARRANTY INFORMATION

LIMITED 1 YEAR WARRANTY

Customer should not repackage and ship the MI-1500B 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 MI-1500B 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:

- MI-1500B within one (1) years of date of purchase.

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 MI-1500B 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.

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 5420 LBJ Freeway, Suite 1010 Dallas, TX 75240.

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.



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