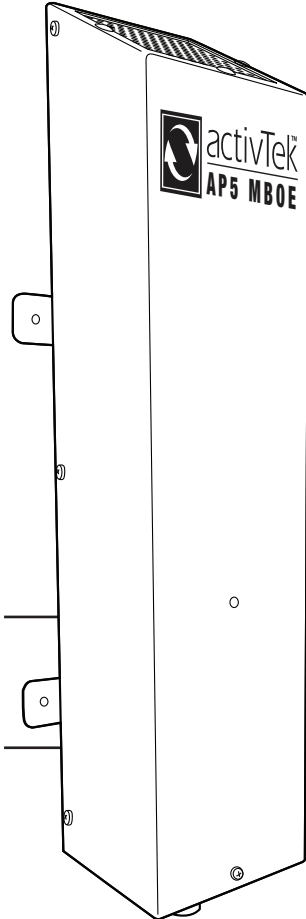




activTek™

AP5 MBOE



OWNER'S MANUAL

INSTALLATION & MAINTENANCE
GUIDE



ENVIRONMENTAL
CONDITIONING SYSTEM



CAUTION: Read manual carefully for proper procedures and operation.

CONGRATULATIONS . . .

on your purchase of your new AP5 MBOE. This unit is designed to be installed into a commercial ice machine, walk-in, or delicatessen cooler, and used virtually maintenance-free. Please read and follow all procedures outlined in this manual.

If you have any questions concerning this or any activTek product, contact your activTek Distributor.

Please record the name and phone of your activTek Distributor:

Name _____

Phone _____

Please record the serial number of your AP5 MBOE:

Serial # _____

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The advanced oxidation gases produced by the AP5 MBOE System are powerful oxidizers. Please use the AP5 cautiously. All instructions, warnings and safety precautions set forth in this manual must be followed. The manufacturer will not be held liable for consequences of any actions by the purchaser and/or applicator while using or applying the AP5.



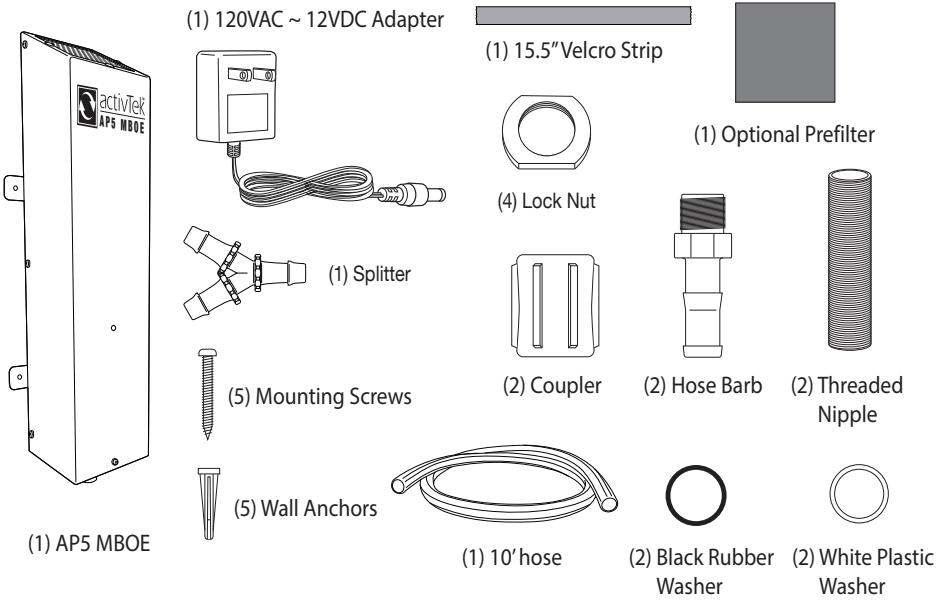
WARNING! - All safety precautions described in this manual must be followed. Do not attempt to operate the AP5 without first reading and understanding all information provided in this manual.

Did you forget to register your AP5 MBOE?

By registering, you'll activate your warranty, and your privacy is guaranteed. Just fill out your warranty registration card and drop it in the mail or register online at www.activTek.net.

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

PACKING LIST



S P E C I F I C A T I O N S

Features:

- Low level Ozone production
- Replaceable ActivePure® (RCI) Cell

Electrical:

- Input: 100-240V~50/60Hz 0.08A
- Output: 12.0V 2000mA

Size:

- **Dimensions:**
19.875”H x 5.5”W x 3.813”D
(13.97 cm x 50.48 cm x 9.68 cm)

Weight of Unit:

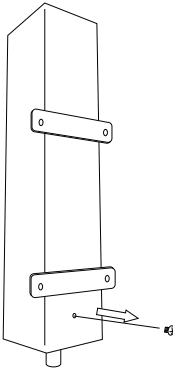
- 4 lbs. 8 oz. (1814.37 grams)

The AP5 MBOE system should be protected from extreme temperatures for longer product life. The AP5 will operate best in dry, cool environments. Manufacturer’s liability is limited to the operation of this equipment as per the Limited Warranty. The Purchaser assumes all responsibility for any damages, which result from operation or negligence.

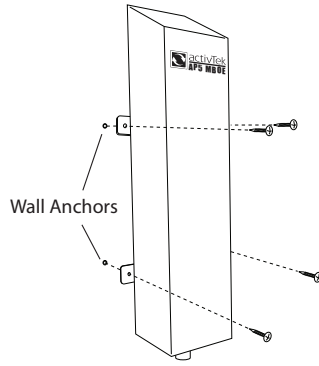
The AP5 MBOE System is designed to run at voltages between 100 - 240 VAC 50/60 Hz.

All specifications are subject to change without notice

INSTALLATION FOR ICE MACHINE



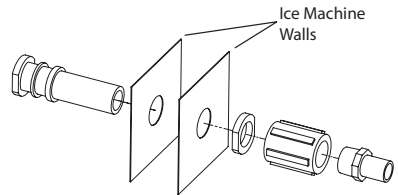
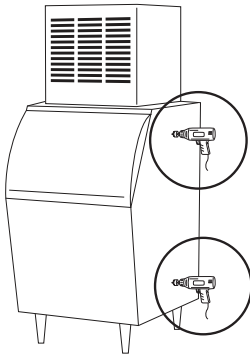
1. **IMPORTANT!** Remove shipping screw before mounting unit on wall.



2. Determine a suitable location to mount unit with access to a standard electrical outlet. Mount unit on wall in a dry, cool environment using the provided wall anchors and mounting screws.

Note: Be sure there are no wires or plumbing on the other side of the drill area.

activeTek recommends taping a plastic bag to the inside of the ice machine on the drill area to catch any metal or plastic particles.



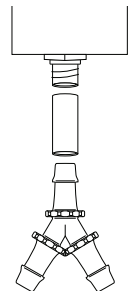
3. Drill two holes into the ice machine using a 1.125" size drill bit at the top and bottom.

4. Install bulkhead fittings in drilled holes of ice machine.

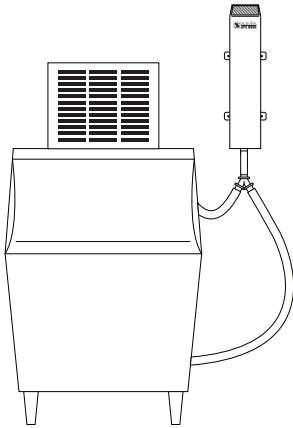


Caution - After installation, activeTek recommends emptying and cleaning the ice machine completely to ensure no contaminants are present.

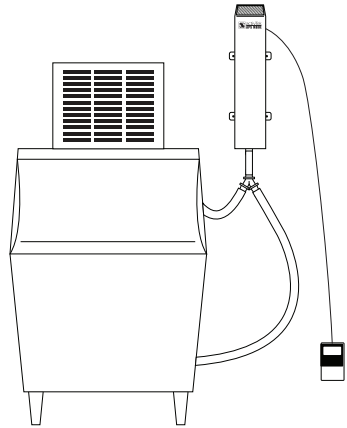
5. Cut a 5" length of hose and attach to bottom of unit. Attach the splitter to hose.



INSTALLATION FOR ICE MACHINE



6. Cut remaining of hose to size, attach to splitter and insert into the two bulkhead fittings in the ice machine.



7. Plug the provided AC/DC adapter into a working electrical outlet to turn on unit. The blue light on the front will turn on indicating normal operation. NOTE: The ActivePure® cell needs to be replaced if the blue light remains off.

INSTALLATION FOR WALK-IN AND DELICATESSEN COOLERS

1. Remove shipping screw before mounting unit on wall.
2. Determine a suitable location to mount unit with access to a standard electrical outlet. Mount unit on wall in a dry, cool environment using the provided wall anchors and mounting screws.
3. If located inside the cooler, the provided hose is not required.



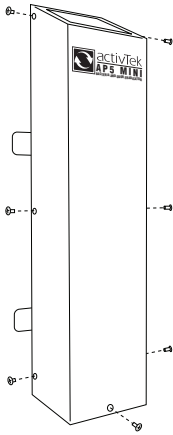
WARNING! - Due to the variety of operational conditions and applications for these systems, the user, through his or her own analysis and testing, is solely responsible for making the final selection as to the type of system, and assuring that all performance, safety and warning requirements of the application are met.

The amount of ozone produced by the AP5 MBOE System is below the maximum permissible OSHA standard for ozone concentration in an inhabited, enclosed area (0.04 ppm).

REPLACING THE ACTIVEPURE® CELL

activTek suggests replacing the ActivePure® Cell after 2 years of service to maintain peak performance.

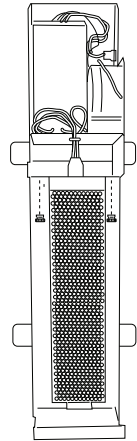
ALWAYS DISCONNECT POWER FROM UNIT BEFORE ATTEMPTING TO SERVICE.



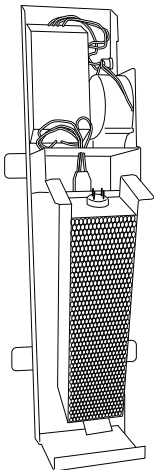
1. Remove the three (3) screws on each side of unit and one (1) screw on the bottom front cover.



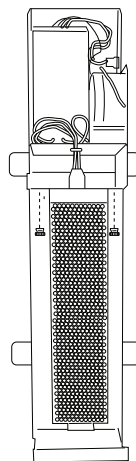
2. Remove front cover.



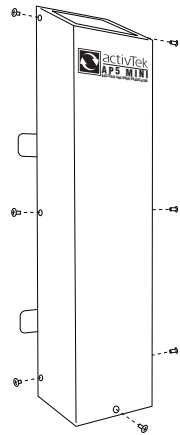
3. Remove two (2) thumb screws.



4. Remove the ActivePure® Cell and replace with a new one.



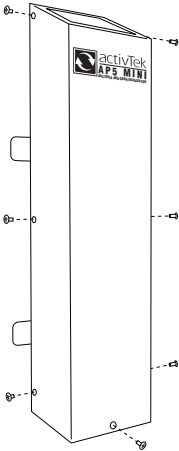
5. Replace thumb screws.



6. Replace cover and screws.

OPTIONAL PREFILTER

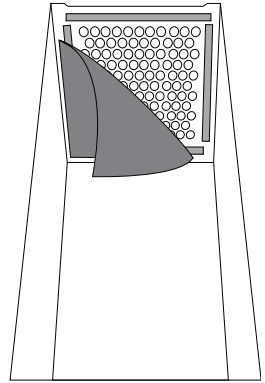
activTek's Optional Prefilter is designed specifically for areas with tobacco smoke, multiple pets, or anywhere excessive levels of contamination are in the air.



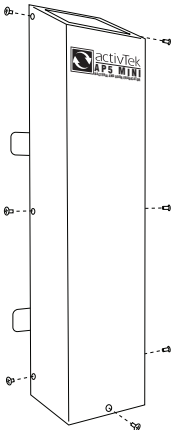
1. Remove the three (3) screws on each side of unit and one (1) screw on the bottom front cover.



2. Remove front cover.



3. Install Velcro strips to the inside vent just outside of the holes. Attach Optional Prefilter by pressing smooth side of pad firmly to Velcro.



4. Replace cover and screws.



CAUTION - Do not look directly into the unit, or directly at the blue ultraviolet (UV) light as this may cause eye damage, or burns to your eyes or skin.



CAUTION - Do not use in an overheated (over 120° F.) or an explosive atmosphere.



CAUTION - Always use a GFI protected outlet in damp or wet locations.

WARRANTY INFORMATION

LIMITED 3 YEAR WARRANTY

Customer should not repackage and ship the AP5 MBOE 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 866.736.0503

WHAT IS COVERED BY THIS WARRANTY

We warrant the AP5 MBOE (excluding filters) 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:

- AP5 MBOE within three (3) years of date of purchase.
- ActivePure Cell and Lamp within one (1) year from the 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 AP5 MBOE 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.

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 in a residential installation. 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. However there is no guarantee that interference will not occur in a particular installation. If this equipment does cause harmful interference to radio or television, which can be determined by turning the equipment off and on, the user is encouraged to try to correct the interference by one or more of the following measures:
Reorient or relocate the receiving antenna.
Increase the separation between the equipment and receiver.
Connect the equipment into an outlet on a circuit different from that to which the receiver is connected.
Consult the dealer or an experienced radio/TV technician for help.

FCC DECLARATION OF CONFORMITY

Model: AP5 MBOE

This device complies with Part 18 of the FCC Rules.

RESPONSIBLE PARTY

DBG Group Investments, LLC
5420 LBJ Freeway, Suite 1010
Dallas, TX 75240
Ph: 866.736.0503

Signature: 

Printed Name: Andy Eide

Title: VP Product Development & Research

Date: 10/19/09



DBG Group Investments, LLC • dba activTek Environmental
5420 LBJ Freeway, Suite 1010 • Dallas, TX 75240



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