



Owner's Manual

Air Purifier

Model AM-45



It is important that you read these instructions before using your new purchase and we strongly recommend that you keep them in a safe place for future reference.



Table of Contents

THANK YOU.....	2
A WORD ABOUT THE AM-45.....	3
<i>Safety Issues</i>	3
FEATURES AND BENEFITS	4
PLACEMENT OF THE AM-45 AIR PURIFIER.....	4
HOW THE AIR PURIFIER WORKS	5
<i>Setting the Fan Speed</i>	5
<i>Ionizer</i>	5
<i>Timer Operation</i>	5
CLEANING AND MAINTENANCE	6-7
SPECIFICATIONS.....	8
WARRANTY.....	10

Thank You!

Thank you for purchasing an AMCOR Air Purifier. AMCOR is a leading brand in indoor air treatment. We would like you to enjoy the many benefits this unit offers, so please read this manual carefully and take full advantage of the many advanced features that your AMCOR Air Purifier offers you.

AMCOR has specialized in complete indoor environment control, manufacturing world-class air conditioners, dehumidifiers and air purifiers with innovative technology. In designing these advanced products, we have listened carefully to our customers and have passed their views on to our research and development laboratories. We wish you many years of enjoyable use.

After reading this manual, please keep it in a safe place for future reference.

Energy Saving Tips

- Do not locate the Air Purifier where furniture or other objects can obstruct the airflow.
- Follow the maintenance instructions in order to keep the filters clean.

A Word About the AM-45

This manual has been prepared to acquaint you with the proper installation, operation and maintenance of your AM-45 Air Purifier. We urge you to read this publication carefully and to follow the recommendations to help assure the most enjoyable and trouble free operation of your Amcor unit. When it comes to service, remember that Amcor knows its product best.

Please do not attempt to open, repair and/or clean any of the internal parts of the AM-45 Air Purifier yourself. This could result in loss of the warranty.

We would like to take this opportunity to thank you for choosing an Amcor product, and to assure you of our continuing interest in your comfort, pleasure and health.

Safety

- The AM-45 Air Purifier is safe. It is listed by ETL and it has been designed with special attention to safety. However, as with other electrical appliances, use it with care.
- Do not clean the AM-45 Air Purifier by spraying it or immersing it in water.
- Do not insert any object into the openings of the AM-45 Air Purifier.
- Disconnect the product from the electrical outlet before cleaning the unit or any of its components.
- Do not connect the AM-45 Air Purifier to an electric outlet using an extension cord. If there is no accessible outlet, a licensed electrician should install one.
- WHEN NOT IN USE STORE OUT OF REACH OF CHILDREN!

Warning

- Any service, other than regular cleaning or filter replacement should be performed by an authorized service representative. Failure to do so could result in loss of warranty.
- To reduce the risk of electric shock, this equipment has a polarized plug (one blade is wider than the other). This plug will fit in a polarized outlet only one way. If the plug does not fit fully in the outlet, reverse the plug. If it still does not fit, contact qualified personnel to install the proper outlet.
Do not alter the plug in any way.
- If the supply cord becomes damaged, it must be replaced by the manufacturer or its service agent or similarly qualified person in order to avoid a hazard.

Features and Benefits

- High performance air purifier/ionizer for large areas and extended use.
- Electronic Control
- Three Speeds
- A timer that allows the user to operate the unit continuously, or at 1, 2, 4, or 8 hour increments
- Quiet Operation
- Mesh pre-filter
- Electrostatic filter captures even the smallest airborne particles
- Granulated Active Carbon Filter
- PCO (Photo Catalytic Oxidation) filter working in conjunction with a UVA lamp to kill bacteria, viruses and reduce odors.
- Negative air ionizer

Placement of the AM-45 Air Purifier

Attention: Before deciding on a location for your AM-45 Air Purifier, carefully read all the operating instructions as well as all the following information.

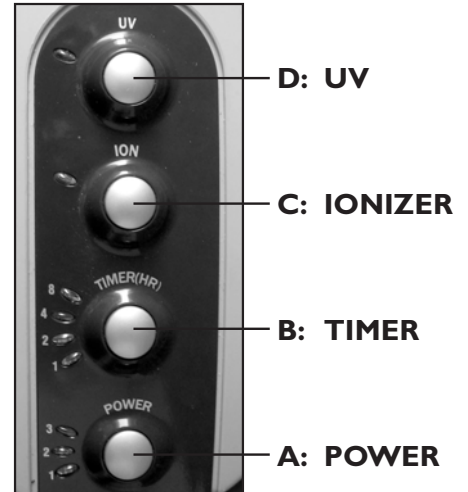
1. Do not place this unit in close proximity to electronic devices that are sensitive to electrical fields.
2. Do not place this unit on metal shelving or on any electrical device. The AM-45 Air Purifier may be placed on the floor, nightstand, table or desk with its air outlet facing the user in order to allow proper air flow.
3. **In order to prevent dirt build-up it is recommended to keep the unit at least 1.5 ft. (45cm) from any non-washable surface.**

The principle upon which the ionizer works is Ionization. The process of ionizing accelerates the fallout of pollutants from the air. These pollutants may adhere to surrounding surfaces, causing a dark smudge. Therefore placement of the unit away from all **non-washable surfaces** is a must!

How the Air Purifier Works

Control Panel and Remote Control Operation

1. Plug the unit into a 120V mains outlet and press the POWER (A) button. The unit will start operating in the lowest speed. The UV lamp and Ionizer will be on. Note that these are always the initial conditions when the unit has been disconnected from the 120V mains power. If the unit is turned on while having remained connected to power, it will turn on with the same UV lamp and Ionizer settings as when it was turned off. The speed setting will also be kept, if the unit is turned on with the TIMER (B) button or Remote Control.
2. With each press on the POWER (A) button, the unit will cycle through the following sequence:
Speed 1 (Lowest speed), Speed 2, Speed 3, Off, Speed 1...
The selected speed will be indicated by the green light next to the "1", "2", or "3" printing.
3. With each press on the IONIZER (C) button, the Ionizer will cycle on and off. When the Ionizer is on, the green light next to the IONIZER (C) button is lit.
4. With each press on the UV (D) button, the UV lamp will cycle on and off. When the UV lamp is on, the green light next to the UV (D) button is lit.
5. The Timer functions, which are controlled by the TIMER (B) button, are as follows:
 - a. With each press on the TIMER (B) button, the Timer will cycle through the following sequence: 1 hr, 2hrs, 4hrs, 8hrs, Timer off (but the unit keeps operating), 1 hr... The selected Timer interval (in hours) will be indicated by the green light next to the "1", "2", "4" or "8" printing.
 - b. The unit will operate for the selected Time interval (1 hr, 2 hrs, 4 hrs or 8 hrs) and then turn off the unit. After the appropriate time period has passed the green light will move to the next lower position in order to show the remaining time.
6. The Remote Control turns the unit on and off (see point 1 above). For long operating distance the Remote Control should be pointed at the area just below the POWER (A) button.



Cleaning and Maintenance

Always disconnect the unit from the electrical outlet prior to cleaning or servicing the unit!

Note that the servicing intervals mentioned in this section are based on air purifier use of 12 hours per day in a normal household environment. If your use of the air purifier differs from that described above, then you can adjust the servicing intervals accordingly.

1. Clean the outside of the AM-45 and the area around the air purifier with a soft damp cloth once every 2 weeks. If you are not using the Ionizer, then this interval can be increased to once a month.
2. Access to the AM-45 filters and serviceable components is by removing the rear cover. To remove the rear cover, push the button above the rear cover while pulling back on the rear cover. The rear cover will pivot away from the main unit and then it can be lifted up and away. The rear cover is reinstalled by fitting the projection at the bottom of the rear cover into the slot at the back of the main unit and then closing the top of the rear cover until it snaps into place.
3. The Pre-Filter is removed from the rear cover, by sliding it out the upper edge of the rear cover. The Pre-Filter is reinstalled by sliding it back in the slot from where it was removed. The Pre-Filter should be washed in warm soapy water or with a water spray once a month. **Make sure that the Pre-Filter is completely dry before reinstalling it.**
4. Inside the rear cover facing the front of the unit are 6 ionizing needles that work together with the Aluminum Mesh Filter to make the Electrostatic Filter. The needles are inside protective cylinders and the needles should be cleaned with a brush once a month.
5. The Aluminum Mesh Filter is visible looking at the open back side of the main unit. The Aluminum Mesh Filter frame holds both the Aluminum Mesh Filter and the Granulated Active Carbon Filter. Remove the Aluminum Mesh Filter frame by lifting the tab above the filter and then by pulling backwards towards the user on the upper part of the filter. The Granulated Active Carbon Filter is removed from the Aluminum Mesh Filter frame, by sliding it out the upper edge of the Aluminum Mesh Filter frame. **Note that this needs to be done before washing the Aluminum Mesh Filter.** The Granulated Active Carbon Filter is reinstalled by sliding it back in the slot from where it was removed. The Aluminum Mesh Filter frame is reinstalled by fitting the bottom of the filter frame into its place at the back of the main unit and then closing the top of the filter frame until it snaps into place.
 - a. The Aluminum Mesh Filter should be washed in warm soapy water once a month. **Make sure that the Aluminum Mesh Filter is completely dry before sliding the Granulated Active Carbon Filter into its place in the Aluminum Mesh Filter frame and reinstalling the filter pair into its place at the back of the main unit.**
 - b. The Granulated Active Carbon Filter should be replaced once a year. If the Granulated Active Carbon Filter is dusty, it can be cleaned gently with a vacuum cleaner.
 - c. While the Aluminum Mesh Filter frame is out of the unit, the interior of the unit should be wiped with a soft dry cloth.

continued on page 7

Cleaning and Maintenance

fig. 1

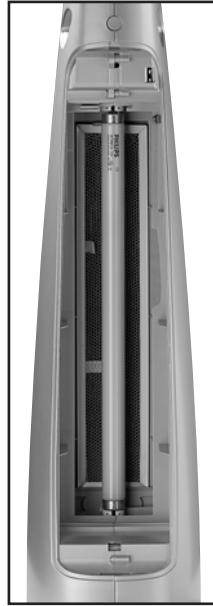
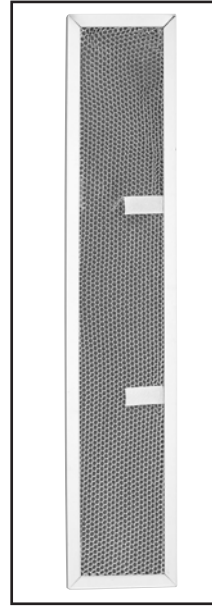


fig. 2



6. The UV lamp (fig. 1) is visible looking at the open back side of the main unit after the Aluminum Mesh Filter has been removed). The UV lamp is removed by rotating it 1/4 turn and then sliding it out of the top and bottom lamp sockets.

The UV lamp is reinstalled by sliding it into the top and bottom lamp sockets and rotating it 1/4 turn. The UV lamp should be replaced once a year.

7. The PCO filter (fig. 2) is accessible, when the Aluminum Mesh Filter and UV lamp are out of the unit. The PCO filter is removed by lifting the tab above the filter and then by pulling backwards towards the user on the fabric strip at the upper part of the filter.

The PCO filter is reinstalled by fitting the bottom of the filter into its place at the back of the main unit and then closing the top of the filter until it snaps into place.

The PCO filter should be washed in warm soapy water when replacing the UV lamp.

Make sure that the PCO filter is completely dry before reinstalling it.

8. The Carbon Cord which is the negative ion emitting element is accessible at the front grill of the unit. The Carbon Cord should be wiped lightly with a soft piece of paper tissue once every 6 months. The paper tissue should be thrown away after using it.

Specifications

Model Number	AM-45
Power consumption	25W
Power supply	120V / 60Hz
Fan speeds	3
Timer	1-8 hours
Recommended room size	200 sq. ft.
Weight	8.6 lbs
Dimensions	7.2"W x 27.8"H x 9.6"D

Nominal Ionization Output: -5.5KV

Total negative ions: 2.5×10^{12} = 2.5 trillion negative ions per second.

Safety:

The AM-45 Air Purifier is an ETL listed product.

Ozone:

The ozone level is much lower than permissible by UL safety standards.

**If you have any questions regarding the operation of the AM-45
please contact **AMCOR** at 1-866-361-2233**

**REPLACEMENT FILTERS:
To purchase Replacement Filters and UV Lamp for this unit,
contact **AMCOR** at 1-866-361-2233**

If this product is defective or not working properly,
please DO NOT return to your retail store.
Please contact Amcor for service or technical assistance

Amcor Inc.
www.amcorgroupusa.com



One Year Limited Warranty

Amcor, Inc. (“Amcor”) warrants the original retail purchaser (“Purchaser”) purchasing in the United States that the Amcor product with which this warranty is enclosed is free from defects in materials and workmanship.

Amcor’s sole obligation under this warranty is to replace, or, at Amcor’s option, to repair, free to charge, all defective parts, for a period of one (1) year from date original purchase. ANY IMPLIED WARRANTY OF MERCHANTABILITY IS SIMILARLY LIMITED TO ONE (1) YEAR FROM DATE OF ORIGINAL PURCHASE AND NO ACTION BASED UPON ANY IMPLIED WARRANTY OF MERCHANTABILITY OR OTHERWISE MAY BE COMMENCED AFTER EXPIRATION OF ONE (1) YEAR FROM DATE OF ORIGINAL RETAIL PURCHASE. Some states do not allow limitations on how long an implied warranty lasts, so the above limitation may not apply to you.

The provisions of this warranty shall not apply to any product which in Amcor’s judgment has been (1) subject to misuse or neglect. (2) damaged in an accident. (3) used for a purpose for which it was not designed, or (4) repaired or altered in any way that adversely affected its performance or reliability.

To obtain warranty service, the defective product or part must be shipped or delivered to: Amcor’s authorized service center. All postage, insurance and shipping charges are the responsibility of the Purchaser and are not included in this warranty.

AMCOR NEITHER ASSUMES NOR AUTHORIZES ANY PERSON TO ASSUME FOR IT ANY OTHER LIABILITY IN CONNECTION WITH ITS PRODUCTS. THERE ARE NO WARRANTIES WHICH EXTEND BEYOND THE DESCRIPTION ON THE FACE HEREOF. NO RESPONSIBILITY IS ASSUMED FOR INCIDENTAL OR CONSEQUENTIAL DAMAGES THAT MAY RESULT FROM THE USE OF AN AMCOR PRODUCT, NOR FOR THE DAMAGES DUE TO ACCIDENT, ABUSE, LACK OF RESPONSIBLE CARE, THE AFFIXING OF ANY UNAUTHORIZED ATTACHMENT, LOSS OF PARTS, OR USE AT A VOLTAGE OTHER THAN SPECIFIED. Some states do not allow the exclusion of limitation of incidental or consequential damages, so these limitations may not apply to you.

Amcor disclaims all liabilities for defects or damages caused by use of replacement parts obtained from or by service at any service center other than Amcor’s authorized service center.

This warranty gives you specific legal rights, and you may also have other rights which vary from state to state.

Product: **AM-45 Air Purifier**

Date Purchased: _____ Production Code: _____

QUESTIONS? Call 1-866-361-2233 · www.amcorgroupusa.com

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Made in China

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Dear Customer: Please keep this warranty for your record. **DO NOT** return it.