TROUBLESHOOTING

TROUBLESHOOTING	
Problem	**Solution**
• Unit will not operate.	✔ Check if unit is properly plugged in and outlet is energized. ✔ Make sure unit is turned ON. ✔ Make sure filter is properly installed and rear grill is seated correctly.
• Decreased air flow.	✔ Make sure nothing is blocking air inlet and filtered air outlets. ✔ Check condition of the filter and replace if necessary. ✔ Check filter for plastic wrapping/packaging.
• Excessive Noise.	✔ Make sure parts are firmly positioned in place. ✔ Open the air inlet grill, and make sure that any plastic packaging was removed from the filter, if applicable.

LEARNING MORE

For a wealth of information about your air purifier and other Holmes® products, visit our website at www.holmesproducts.com or call 1-800-546-5637.

AER1 FILTER SERIES®

Congratulations! Your new air purifier is equipped with the new and improved Aer1® Total Air Filter.

Filter Type	Technology	Consumer Benefit
THIS UNIT COMES WITH Total Air	99% HEPA-Type technology. Infused with Arm & Hammer® baking soda.	Ideal for dust reduction. Delivers 30% better air quality.
Odor Eliminator	10 times the odor fighting power. Contains Arm & Hammer® baking soda, carbon and zeolite for odor control.	Ideal for eliminating odors from pets, tobacco smoke and cooking fumes.
Allergen Remover	99.97% True HEPA technology. Removes up to 99.97% of particales passing through the filter such as pollen, dust, mold and dander.	Ideal for allergy sufferers.
Allergen PerformancePlus	99.99% True HEPA technology. Helps remove up to 99.99% of particles passing though the filter such as pollen, dust, mold and dander.	Ideal for allergy sufferers.
Smoke Grabber	HEPA-type filtration. Triple layer protection specially formulated with Arm & Hammer® Baking Soda, Carbon and Zeolite. Remove up to 99% of smoke and pollutants from the air stream.	Ideal for reducing smoke and odors from smoke and VOC's.

aer 1® filter series

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WARRANTY INFORMATION

3 YEAR LIMITED WARRANTY

Sunbeam Products, Inc. doing business as Jarden Consumer Solutions or if in Canada, Sunbeam Corporation (Canada) Limited doing business as Jarden Consumer Solutions (collectively "JCS") warrants that for a period of three years from the date of purchase, this product will be free from defects in material and workmanship. JCS, at its option, will repair or replace this product or any component of the product found to be defective during the warranty period. Replacement will be made with a new or remanufactured product or component. If the product is no longer available, replacement may be made with a similar product of equal or greater value. This is your exclusive warranty. Do NOT attempt to repair or adjust any electrical or mechanical functions on this product. Doing so will void this warranty.

This warranty is valid for the original retail purchaser from the date of initial retail purchase and is not transferable. Keep the original sales receipt. Proof of purchase is required to obtain warranty performance. JCS dealers, service centers, or retail stores selling JCS products do not have the right to alter, modify or any way change the terms and conditions of this warranty.

This warranty does not cover normal wear of parts or damage resulting from any of the following: negligent use or misuse of the product, use on improper voltage or current, use contrary to the operating instructions, disassembly, repair or alteration by anyone other than JCS or an authorized JCS service center. Further, the warranty does not cover: Acts of God, such as fire, flood, hurricanes and tornadoes.

What are the limits on JCS's Liability?

JCS shall not be liable for any incidental or consequential damages caused by the breach of any express, implied or statutory warranty or condition.

Except to the extent prohibited by applicable law, any implied warranty or condition of merchantability or fitness for a particular purpose is limited in duration to the duration of the above warranty.

JCS disclaims all other warranties, conditions or representations, express, implied, statutory or otherwise.

JCS shall not be liable for any damages of any kind resulting from the purchase, use or misuse of, or inability to use the product including incidental, special, consequential or similar damages or loss of profits, or for any breach of contract, fundamental or otherwise, or for any claim brought against purchaser by any other party.

Some provinces, states or jurisdictions do not allow the exclusion or limitation of incidental or consequential damages or limitations on how long an implied warranty lasts, so the above limitations or exclusion may not apply to you.

This warranty gives you specific legal rights, and you may also have other rights that vary from province to province, state to state or jurisdiction to jurisdiction.

How to Obtain Warranty Service

<u>In the U.S.A.</u>

If you have any questions regarding this warranty or would like to obtain warranty service, please call 1-800-546-5637 and a convenient service center address will be provided to you.

<u>In Canada</u>

If you have any questions regarding this warranty or would like to obtain warranty service, please call 1-800-546-5637 and a convenient service center address will be provided to you.

In the U.S.A., this warranty is offered by Sunbeam Products, Inc. doing business as Jarden Consumer Solutions located in Boca Raton, Florida 33431. In Canada, this warranty is offered by Sunbeam Corporation (Canada) Limited doing business as Jarden Consumer Solutions, located at 20 B Hereford Street, Brampton, Ontario L6Y 0M1. If you have any other problem or claim in connection with this product, please write our Consumer Service Department. **PLEASE DO NOT RETURN THIS PRODUCT TO ANY OF THESE ADDRESSES OR TO THE PLACE OF PURCHASE.**

Holmes®

Owner's Guide

HAP412 series



Aer1® Total Air Filter Mini-Tower
Air Purifier with Optional Ionizer

PLEASE READ AND SAVE THESE IMPORTANT INSTRUCTIONS

IMPORTANT SAFEGUARDS

When using electrical appliances, basic safety precautions should always be followed to reduce the risk of fire, electric shock, and injury to persons. These precautions include:

1. Read all instructions before using the appliance.
2. To avoid fire or shock hazard, plug the appliance directly into a 120V AC electrical outlet.
3. If the filter is covered by a bag when shipped, remove plastic bag before use.
4. Keep the cord out of heavy traffic areas. To avoid fire hazard, NEVER put the cord under rugs, near heat registers, radiators, stoves, or heaters.
5. To protect against electrical hazards, DO NOT immerse the appliance in water or other liquids. Do not use near water.
6. Close supervision is necessary when any appliance is used by or near children, or disabled persons.
7. Always unplug the air purifier before moving or cleaning the unit, opening the grill, changing the filters and whenever the unit is not in use. To disconnect the unit, be sure to pull the plug and not the cord.
8. NEVER drop or insert any objects into the openings of the unit.
9. DO NOT operate any appliance with a damaged cord or plug. If the motor fan fails to operate or the unit has been dropped or damaged in any manner, return appliance to manufacturer for examination and/or repair.
10. Use appliance only for intended household use as described in this manual. Any other use not recommended by the manufacturer may cause fire, electric shock, or injury to persons. The use of attachments not recommended or sold by Jarden Consumer Solutions may cause hazards.
11. DO NOT use outdoors.
12. NEVER place on a soft surface such as a bed or sofa as this could cause the unit to tip over and block the air inlet or outlet grills.
13. Keep unit away from heated surfaces and open flames.
14. DO NOT attempt to repair or adjust any electrical or mechanical functions on this unit. Doing so will void your warranty. The inside of the unit contains no user serviceable parts. All servicing should be performed by Jarden Consumer Solutions or an authorized Jarden Consumer Solutions Center.
15. DO NOT place anything on top of unit.
16. NEVER use detergents, gasoline, glass purifier, furniture polish, paint thinner, or other household solvents to clean any part of the appliance.
17. Always turn the appliance off before unplugging it.
18. The ionizer in this appliance produces less ozone than the UL established limits of 50ppb (parts per billion). However, in high concentrations, ozone can be harmful to birds and small pets. To prevent ozone buildup, we suggest using the ionizer in well ventilated areas with the fan on.
19. This appliance should only be used in a room with temperatures between 40° F and 110° F.
20. **WARNING:** To reduce the risk of fire or electric shock, DO NOT use this appliance with any solid-state speed control device.

PLEASE READ AND SAVE THESE IMPORTANT SAFETY INSTRUCTIONS



THIS APPLIANCE HAS A POLARIZED PLUG (one blade is wider than the other). To reduce the risk of electric shock, this plug is intended to 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 a qualified electrician to install the proper outlet.

DO NOT ATTEMPT TO MODIFY THIS PLUG OR DEFEAT THIS SAFETY FEATURE IN ANY WAY.

FEATURES

CORD SAFETY

- The length of cord used on this appliance was selected to reduce tangling or tripping hazards.
- If a longer cord is necessary, an approved extension cord may be used. The electrical rating of the extension cord must be equal to or greater than the electrical rating of the air purifier (see rating label marked on bottom of the product).
- Care must be taken to arrange the extension cord so that it will not drape over the countertop or tabletop where it can be pulled on by children or accidentally tripped over.

GET TO KNOW YOUR AIR PURIFIER

This unit is compatible with all Aer1® Filters. This allows you to choose the filter that is just right for you. Below is information on each filter:

TOTAL AIR - Advanced Dust Eliminating Technology

ODOR ELIMINATOR - 10x the odor fighting power

ALLERGEN REMOVER - True HEPA technology improves air quality for allergy sufferers

ALLERGEN PERFORMANCEPLUS - True HEPA technology improves air quality for allergy sufferers.

SMOKE GRABBER - 99% effective at removing smoke from the air steam (*as small as 0.3 microns from air passing through the filter)

IONIZER

This appliance has an optional ionizer feature which, when turned on, releases negative ions into outgoing filtered air to help the air purification process.

What Are Ions?

Ions are tiny particles that carry a positive or negative charge. They exist naturally around us: in the air, water, and ground. Both positive and negative ions are colorless, odorless, and harmless.

How Does The Ionizer Work?

Negative ions help air purification by attaching themselves to very small airborne particles in the room. These particles take on a negative charge and may join with positively charged particles such as dust, pollen, smoke, and pet dander to form larger particles. These larger particles are then more easily captured by the filter system.

Important Notes:

Your ionizer may produce an occasional popping or cracking sound. This is normal and occurs when a small buildup of ions is discharged.

After extended use, you may notice dust around the grills or front panel. This is caused by negative ions exiting the air outlet, evidence of the ionizer's air cleaning effectiveness. You can remove the dust with a soft brush or clean, damp cloth.

Larger particles may be attracted to positively charged surfaces throughout the home, like walls or floors.

- This may occur more frequently when the filter is nearing the end of its usable product life and is unable to capture as many charged particles.
- Excessive amounts of pet dander, dust, or smoke may decrease the life expectancy of the filter and interfere with the ionization process.

To help prevent particles from attracting to surfaces throughout your home:

- You may want to run the ionizer less often.
- Check the condition of the filter more frequently.

CAUTION: The ionizer in this appliance produces less ozone than the UL established limits of 50ppb. However, in high concentrations, ozone can be harmful to birds and small pets. To prevent ozone buildup, we suggest using the ionizer in well ventilated areas with the air purifier fan on.

FEATURES - OPERATIONS

HIGH, MEDIUM AND LOW SPEED SETTINGS

For optimum air filtration, operate your Holmes® air purifier continuously on the MEDIUM ( ) setting. Its rugged motor has been designed to give many years of use. For quieter operation (such as in a bedroom), select the LOW ( ) setting. When high levels of air pollution are present, select the HIGH ( ) setting to quickly circulate and filter the room air.

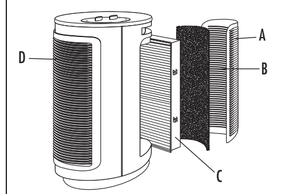
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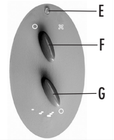
1. Carefully unpack your Air Purifier. Select a firm level place where there are no obstructions to the air inlet or filtered air outlet.
2. Remove the air inlet grill and check if the filter is covered by a plastic bag. If it is, remove plastic bag before use and place filter into unit. Reinstall the air inlet grill.
3. DO NOT POINT FILTERED AIR OUTLET TOWARDS WALL.

OPERATING INSTRUCTIONS

1. Plug into a 120V AC electrical outlet.
2. Select the desired operating speed; HIGH ( ), MEDIUM ( ), LOW ( ), by turning Speed Control Knob to the appropriate setting. For optimum air filtration, it is recommended to operate the air purifier continuously.
3. To release negative ions into the filtered air, turn the ionizer control knob to ON ( ) and the light will illuminate.
   NOTE: The ionizer will not work unless the unit is running.

Fig. 1





A. AIR INLET GRILL
B. WASHABLE FOAM PRE-FILTER
C. Aer1® FILTER
D. FILTERED AIR OUTLET
E. IONIZER LIGHT
F. IONIZER CONTROL
G. SPEED CONTROL

CLEANING/MAINTENANCE INSTRUCTIONS

1. Turn the air purifier off and unplug it before cleaning.
2. The outside of the air purifier can be cleaned with a soft, clean damp cloth.
3. The air inlet grill (reference Fig. 1) can be removed and washed in warm soapy water (not dishwasher safe). Dry before replacing in the unit.
4. The filtered air outlet can be cleaned of dust with a small, soft brush.
5. If you wish to clean the inside of the air purifier, please only use a dry, soft cloth to wipe it down.
   WARNING: Do not allow moisture to come in contact with the main housing of the air purifier.

CLEANING/MAINTENANCE FILTER REPLACEMENT

FILTER REPLACEMENT INSTRUCTIONS

IMPORTANT:

- DO NOT attempt to wash and re-use the Aer1® Filters.
- If the filters are enclosed in plastic bags, remove them before use.

NOTE:

Every few weeks, check the condition of filter. Filter life will vary, depending on air quality and usage (see below). Under normal conditions of continuous use, the Aer1® Total Air , Odor and Smoke Filter will last 4 months while the Allergen Filter will last 12 months.

To replace your filter:

1. Turn off and unplug the air purifier.
2. Open the air inlet grill and examine the black foam prefilter. Remove any dust or lint and wash in warm soapy water. Rinse, drip dry and place back into grill inlet.
3. Remove the used Aer1® filter from the unit by pulling it gently towards you and discard it. DO NOT attempt to clean the Aer1® filter.
4. Install the new Aer1® filter into the unit. This model utilizes a hang tab and filter clips to insure that the filter is properly in place. Before replacing the filter, make sure that the hang tab is securely in place. The clip can only be attached to the tabs on the filter one way. The filter clip should easily slide onto the filter hang tab with only a small amount of pressure. DO NOT use force while attaching the clip to the filter. (Fig. 2)
5. Align the clip on the side of Aer1® filter with rails on the inside of the purifier unit. Gently slide the filter onto the rail. (Fig. 3)
6. Replace the inlet grill.

Fig. 2

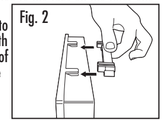
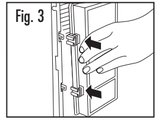


Fig. 3



Filters can be purchased at a retailer near you, online at www.aer1filters.com, or by calling (855) Try-aer1.

Air Purifier Model Number	Filter Quantity Needed	Compatible with all filter models below	Filter Description
HAP412	1	HAPF30AT HAPF30AO HAPF30AS HAPF300AH HAPF300AP (D filter) HAPF30 (A filter)	Aer1® Total Air Filter Aer1® Odor Filter Aer1® Smoke Grabber Filter Aer1® Allergen Remover Filter Aer1® Allergen PerformancePlus "D" Filter Holmes® "A" Filter