

TROUBLESHOOTING

Problem	Solution
System will not operate	<ul style="list-style-type: none"> Confirm that the unit is plugged into a working electrical outlet. Confirm that the Damper Switch (1) is in the ON position. Check to make sure the system is on by pressing the Mode Button (2). Make sure that all bags have been removed from the filters.
Decreased airflow	<ul style="list-style-type: none"> It should be noted that the air entering the room is designed to be at a low flow rate to prevent drafts. Confirm that nothing is blocking the air inlet and outlet. If "SERVICE" is displayed and the performance bars are low, the filters need to be cleaned. See Routine Maintenance Instructions. Check the condition of the filters. See Routine Maintenance Instructions.
Drafts around window	<ul style="list-style-type: none"> Check to make sure that the foam sealing system is correctly installed. The leftover foam segments can be used to seal any remaining openings.

Routine Maintenance

The Bionaire® Air Exchange System is easy to use and maintain. It includes filters that remove dust from air that is circulated through the system. These filters will need to be cleaned or replaced with use. The Service Indicator bar graph on the display (6) shows when service is needed. The Service Indicator bar graph decreases - and when the bars disappear, the filters need to be cleaned. The average duration between cleanings is about three months.

WARNING: Do not attempt to repair or adjust any electrical or mechanical functions on this unit. Doing so will void the warranty. This unit contains no user serviceable parts. Only qualified personnel should perform servicing—other than what is described in this manual.

About the Filters

There are three black washable filters installed in the Air Exchange System. Each has a single tab that locks them into the unit. See Figure 18.

There is one two-tab filter installed in the Air Exchange System. This will either be a black washable filter or a white disposable Electrostatic filter. The Electrostatic filter removes smaller particles from the circulating air. See Figure 19.

PERFORMING MAINTENANCE

1. Confirm that the Service Indicator bars (6) no longer illuminate and the word "SERVICE" displays. This signals that maintenance is required.

2. Turn off and unplug the unit.

3. Remove the Air Exchange System from the Window Sealing Frame: See Figure 20.

- Grasp each side of the Air Exchange System and gently pull it toward you.
- Place the unit on a clean, level surface.

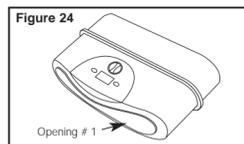
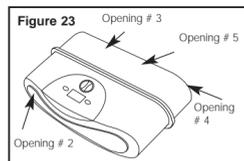
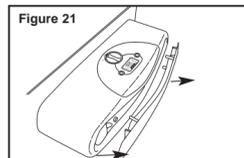
4. Remove the front grill. See Figure 21.

5. To remove the rear grill: See Figure 22.

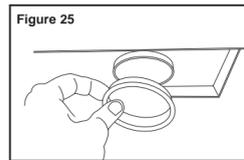
- Put the unit with the face down on the surface.
- Place your thumb under the opening in the rear grill and pull up. One side of the grill will lift up and you will be able to slide the grill out.

6. Remove the black filters from openings #2, #3, and #4. Gently wash these filters with mild soapy water. Rinse in warm running water. Shake off excess water and allow to air dry completely. See Figure 23.

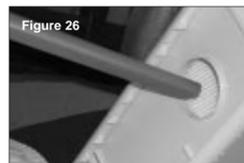
7. Remove the filter from opening #1. If it is a white electrostatic filter, discard it and replace with a fresh filter. Call 1 (800) 253-2764 to order replacement filters. See Figure 24.



- If it is a black washable filter, clean it as described in step 6.
- Remove the rubber Vacuum Plug from opening #5. See Figure 25.



- Using a vacuum with a hose and a crevice tool, GENTLY vacuum the dust from the core by accessing openings #2 and #5. See Figure 26.



CAUTION: Avoid applying pressure or scraping the surface of the core with the crevice tool as this may damage the core and decrease performance of the Air Exchange System.

- Replace the rubber Vacuum Plug in opening #5. See Figure 25.

12. After the filters are completely dry replace the three black filters over openings #2, #3, #4.

- Insert a clean, dry black filter or a new white electrostatic filter over opening #1.

- Clean the rear grill with warm soapy water. (Not dish washer safe). Dry with a soft cloth.

- Remove dust from the front grill with a small soft brush or cloth.

- Wipe down the rest of the unit with a clean, damp cloth.

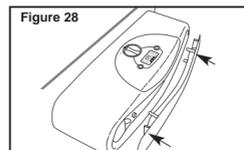
WARNING: DO NOT IMMERSER THE AIR EXCHANGE SYSTEM IN WATER.

- Reinstall the rear grill: See Figure 27.

- Put the unit with the front grill face down on the surface.
- Place the grill on the rear of the unit with the thumb opening toward the bottom (power cord side) of the unit.
- Gently press down on the edges of the grill until all edges are securely latched.



- Put the unit on the table in the normal position and replace the front grill. See Figure 28.



- Slide the Air Exchange Unit into the Window Sealing Frame and push until it locks in place.

- Insert the electrical plug into the outlet and turn the unit on.

- Reset the service indicator by inserting the tip of a paper clip into the Service Reset Hole (5) and gently pressing the button inside the hole.

- The Service Indicator bar graph should reappear.

Replacement Filters

Order these filters by calling 1 (800) 253-2764

Filter Part Number	Quantity Required	Description
APF18	1 ea.	Electrostatic Filter, 2-Tab - Optional
APF19	3 ea.	Washable Foam Filter 1-Tab
APF20	1 ea.	Washable Foam Filter 2-Tab

Service Instructions

If you need to exchange the unit within 30 days of purchase, please return it in its original carton with the sales receipt to the store from which it was purchased.

If you need to return the unit beyond 30 days after you purchased it, review the warranty information provided with the unit and call 1-800-253-2764 for warranty service. You will be given a return authorization number and instructions returning the unit from the customer service representative.

WARRANTY

The Manufacturer warrants to the first retail purchaser, for FIVE (5) YEARS from the date of original purchase, either to repair or replace at its option, without charge (parts and labor), any supplied or manufactured part of this Air Exchange System which, upon inspection by an authorized service center, proves to have failed in normal use due to defects in material or workmanship, or at its option, to replace the unit. Operation under conditions other than those recommended or at voltages other than the voltage indicated on the unit, or any attempts by unauthorized personnel to service the unit or modify it, will render the guarantee void. The Manufacturer shall not be liable for any personal injury, property damage or any incidental or consequential damages of any kind (including water damage), resulting from defects, malfunctions, misuse, improper installation or alteration of the product.

THE MANUFACTURER EXPRESSLY DISCLAIMS ALL RESPONSIBILITY FOR CONSEQUENTIAL DAMAGES OR INCIDENTAL LOSSES CAUSED BY USE OF THIS PRODUCT.

The provisions of this Warranty are in addition to, and not a modification of, or subtraction from the statutory warranties and other rights and remedies contained in any applicable legislation and to the extent that any such provision purports to disclaim, exclude or limit any such statutory warranties or other rights or remedies, such provisions shall be deemed to be amended to the extent necessary to comply therewith.

For Warranty Service, please call 1-800-253-2764 in North America.

KEEP THIS NUMBER FOR FUTURE REFERENCE.

A Bionaire® consumer service representative will help determine which is the best procedure for your Air Exchange System to be repaired.

If you have questions or comments, feel free to write us at:

Consumer Service Department
13120 Jurupa Avenue
Fontana, CA 92337

Bionaire®
JCS/THG, LLC
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13120 Jurupa Avenue
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Printed In China

BIONAIRE®

EverFresh™
Air Exchange
System

MODEL BAP336

Read instructions before operating.
Retain for future reference.

Instruction Leaflet

INFO-LINE
If after having read this leaflet, you have any questions or comments on air cleaner, call **1-800-253-2764** in North America.

PLEASE READ AND SAVE THESE IMPORTANT SAFETY 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, including the following:

- Read all instructions before using the appliance.
- To avoid fire or shock hazard, plug the product directly into a 120V AC electrical outlet.
- Remove any plastic bags before use.
- 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.
- To protect against electrical hazards, DO NOT immerse in water or other liquids. Do not use near water.
- Close supervision is necessary when any appliance is used by or near children, or disabled persons.
- Avoid contact with moving parts.
- Always unplug the product before moving it, opening the grill, changing the filters, cleaning, or whenever the product is not in use. Be sure to pull by the plug and not the cord.
- NEVER drop or insert any object into any openings other than instructed in this manual.
- DO NOT operate any appliance with a damaged cord or plug, if motor fan fails to rotate, after the appliance malfunctions, or if it has been dropped or damaged in any manner. Return appliance to manufacturer for examination, electrical or mechanical adjustment, or repair.
- 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 JCS/THG, LLC may cause hazards.
- NEVER block the air openings, grills/outlets or place objects that would cause blockage of the air intake/exhaust openings. Keep unit away from heated surfaces and open flames.
- DO NOT attempt to repair or adjust any electrical or mechanical functions on this unit. Doing so will void the warranty on serviceable parts. All servicing should be performed by qualified personnel only.
- WARNING: To reduce the risk of fire or electric shock, DO NOT use this product with any solid-state speed control device.
- Install horizontally only in a double hung window as described in this manual.
- All filter servicing should be performed from inside the room. Outside filters should be serviced by first sliding the unit out of the Window Sealing Frame and into the room.
- DO NOT use unit as a shelf or place anything on top of unit.

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CONSUMER SAFETY INFORMATION

THIS PRODUCT IS EQUIPPED WITH A 3-PRONG PLUG. This product is for use on 120 volts.

The cord has a plug (A) as shown. Use an adapter (C) (not included) for connecting three-blade grounding-type plugs to two-slot receptacles (B). The green grounding lug extending from the adapter must be connected to a permanent ground such as a properly grounded outlet box. The adapter should not be used if a three-slot grounded receptacle is available.

DO NOT DEFEAT THE SAFETY PURPOSE OF THIS PLUG IN ANY WAY.

CORD AND PLUG INSTALLATION SAFETY INSTRUCTIONS

The length of cord used on this appliance was selected to reduce the hazards of becoming tangled in, or tripping over a longer cord. 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 rating of the product. Care must be taken to arrange the extension cord so that it will not drape on obstacles where it can be pulled on by children or accidentally tripped over.

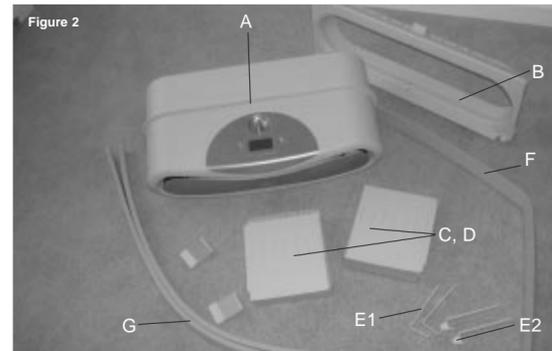
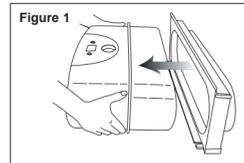
Thank you for choosing The EverFresh™ Air Exchange System. To ensure the best performance from your new product, please read these instructions completely before beginning installation and operation.

GENERAL INFORMATION

- The EverFresh™ Air Exchange System is designed to fit in double hung windows only.
- The window opening can be between 26 inches and 38 inches wide.
- You will need an electrical outlet within five (5) feet of the center of the window.
- You will need a black marker, scissors, a Phillips head screwdriver, and a tape measure to install the unit.

UNPACKING

1. Carefully unpack the contents from the carton and remove the Air Exchange System from the plastic bag.
2. Place the Air Exchange System on a clean surface, with the front grill facing down and slide the Window Sealing Frame off the back of the unit. See Figure 1.
3. Remove the two Plastic Extender Panels from the plastic bags and then remove the Foam Insulation Blocks from inside the Plastic Extender Panels.
4. Verify that you received all of the parts shown in Figure 2. If any parts are missing, please contact our consumer service department at 1-800-253-2764.



- A. Air Exchange Unit
B. Window Sealing Frame
C. Left and Right Plastic Extender Panel (with window width indicators)
D. Foam Insulation Blocks
E. Window Sill J hooks (two options for best window sill fit)
1. Standard Window J Hook – for use with most window types
2. Extended Window Sill J Hook – for use with Andersen® type windows.
F. Sash Insulation
G. Extra Foam

INSTALLATION

You must install the Window Sealing Frame into the track for your lower window sash before loading the Air Exchange System into the Window Sealing Frame.

1. Measure the frametrack for your lower window sash, at its widest point. See Figure 3. Write your measurement here: _____

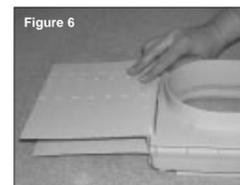
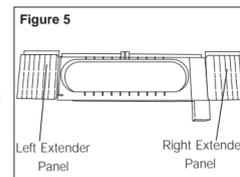
You may close the window temporarily.

2. If your window has a screen or storm window, measure the distance between the front of the window (the side facing inside) to the screen or storm window. If that measurement is less than five (5) inches, you will need to remove the screen or storm window before you can install the Window Sealing Frame.

3. Place the Window Sealing Frame on a flat surface, rim-side up, with the locking clamp away from you. See Figure 4.

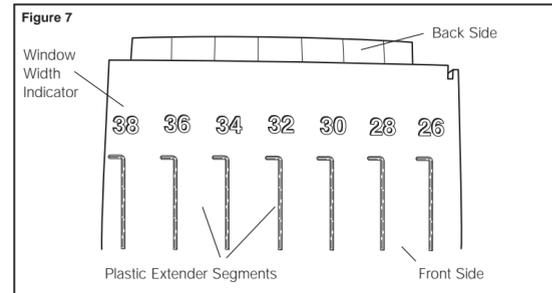
4. Place the Plastic Extender Panel stamped LEFT, on the left side of the Window Sealing Frame and the Plastic Extender Panel stamped RIGHT on the right side. See Figure 5.

5. Slide the Plastic Extender Panels down into the guides on the sides of the Window Sealing Frame and press down gently until the Plastic Extender Panels click into place. See Figure 6.

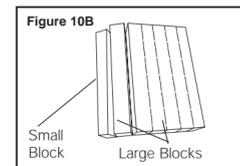
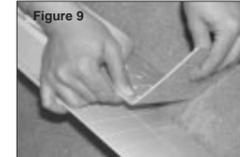


6. Next you must customize the Plastic Extender Panels so that the Window Sealing Frame will fit securely in your window. Each Plastic Extender Panel is divided into segments stamped with measurements between 26 to 38 inches. These measurements represent the total inside measurement, in inches, of various sized windows. See Figure 7.

CAUTION: Once you have removed segments from the Plastic Extender Panels, the frame will only fit in windows equal to or less than the width you have selected.



7. Use the black marker to mark the number on each Plastic Extender Panel that is closest to (but not greater than), the measurement you recorded in Step 1. For example, if your window is 33 inches wide, mark the number 32. See Figure 8.



8. Snap off each segment of the front of the Plastic Extender Panel with a higher number than you marked. If you marked 32 in step 8, you only will remove the segments for 38, 36 and 34 and three segments from the back of the Plastic Extender Panel. Use a forward and backward motion to remove the excess sections along the scored indications. See Figure 9. Remove the same number of segments from the back of the Plastic Extender Panel.

9. Repeat this process on the other Plastic Extender Panel.

10. Install the Foam Insulation Blocks into the Plastic Extender Panels. Note that the Foam Insulation Blocks are divided into vertical segments of various widths. The foam is installed with these segments oriented vertically. See Figure 10A. Insert a Foam Insulation Block into the right Plastic Extender Panel. For proper fit, the foam should be only slightly wider than the Plastic Extender Panel. If the foam is the exact size, rotate the foam block to utilize the half-size foam block on the opposite side. Reinstall the foam into the Plastic Extender Panel. See Figure 10B.

11. Remove the excess foam segments at the seam. Save the extra segments. They can be used to fill any gaps in the window seal.

12. Repeat the process for the other Plastic Extender Panel.

13. Hold the Window Sealing Frame so the rim-side of the assembly is facing outside and the locking clamp is on top. See Figure 11.

14. Insert the right side of the Window Sealing Frame into the window frame and into the window track. See Figure 12.

15. Firmly push the left side of the Window Sealing Frame into the window frame and into the window track. See Figure 13. Then, gently press the Window Sealing Frame down so that it is seated in the window.

16. Close the window. Make sure the bottom edge of the window sash is resting on the foam strip, sealing any gaps around the Window Sealing Frame.

17. Tighten the locking screw using a Phillips head screwdriver. Be careful to not over tighten. See Figure 14.

18. Install the appropriate window sill J- Hooks into the Window Sealing Frame. (See the parts list.) Slide the J-Hook until it is firmly seated against the molding. See Figure 15.

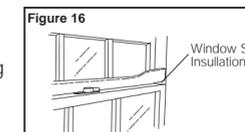
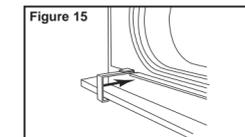
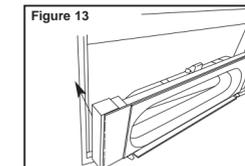
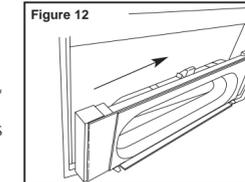
NOTE: These hooks may not fit some older window moldings.

19. Install the Sash Insulation Strip as shown in Figure 16.

- a) All foam strips are in place and that there are no visible gaps.
- b) The window sash is firmly closed against the foam strip on top of the Window Sealing Frame.
- c) The locking clamp tightly grips the window sash.
- d) The foam blocks are tightly sealed against the window frame.
- e) If used, the window sill J-Hooks are secured to the window sill.
- f) Sash Insulation strip is in place.
- g) Use the extra foam strips or segments to fill in any visible gaps.

21. Slide the Air Exchange Unit into the Window Sealing Frame and push until it locks (clicks) into place.

22. For maximum efficiency, you will need to know the size of the room in square feet. (Measure room length and width in feet and multiply. Length X Width=Room Size in Sq. Ft.)



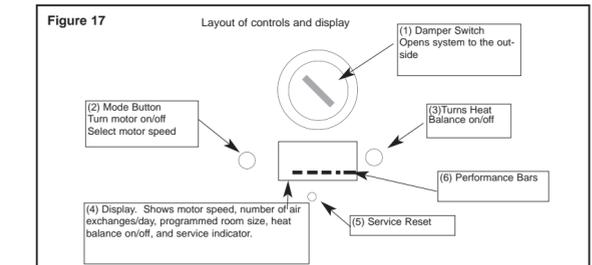
Write room size here: _____ SQ. FT

If additional Plastic Extender Panels and Foam blocks are needed, contact Consumer Service 1- 800-253-2764.

OPERATION OF THE EVERFRESH™ AIR EXCHANGE SYSTEM INSTRUCTIONS

To turn on the system:

1. Plug the power cord into a wall outlet.
2. Turn the Damper Switch (1) to the "ON" position.
3. Press the Mode Button (2).



NOTE: When you use the unit for the first time, there may be a slight residual odor from the manufacturing process. This will disappear with use.

For best efficiency, we recommend that you program your system to the size of your room.

4. Refer the room measurement you made in step 22 of the Installation Instructions.

Your room is:

Small if it is 90 -159 sq. ft.

Medium if it is 160-249 sq. ft.

Large if it is 250-399 sq. ft.

5. Press and hold the Mode button (2) and the Heat Balance button (3) for three seconds, until the word small flashes.
6. Release the Mode button (2) and press the Heat Balance button (3) until the desired room size is displayed.

The unit has three motor speeds plus OFF: **Normal, Low, Turbo, OFF.**

Press the mode button (2) repeatedly until the desired motor speed is displayed. The Air Exchange System is equipped with a Heat Balance setting. When this setting is on, the system equalizes the outside air it draws in to the air temperature of the room.

To Turn on the Heat Balance setting: Press the Heat Balance button (3) once.