

# Model V22BEC

## Energy Recovery Ventilator

Installed By:	Installer Phone:	Date Installed:
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### ENERGY RECOVERY VENTILATION

Thank you for your purchase of the AprilAire Energy Recovery Ventilator (ERV). Your ERV is designed to remove indoor air pollution and provide fresh air to the home. There is increasing evidence that the air in our homes is more polluted than once thought. Research indicates that people spend approximately 90% of their time indoors, potentially breathing polluted, stale, recirculated air. This poses a health risk, and while the levels of pollutants from individual sources may not pose a significant risk to health by themselves, most homes have multiple sources of pollutants, which can have a cumulative effect. Your ERV will work to provide a supply of fresh air to your home and remove indoor air pollution.

The AprilAire Energy Recovery Ventilator uses the indoor stale exhaust air to precondition the incoming fresh air, depending on the season. For example, during the heating season, the cross-flow design of the core uses the warm, stale air being exhausted to pre-heat the incoming cool, fresh air, reducing the energy required by the heating system to maintain comfort

This same process removes heat and moisture from the incoming air during the summer. The ERV provides a year-round comfortable and healthy environment for your entire home with minimal maintenance requirements and trouble-free, quiet operation.

### SAFETY INSTRUCTIONS

#### ⚠ WARNING

**ELECTRIC SHOCK HAZARD:** 120 volts may cause serious injury from electric shock. Disconnect electrical power to the HVAC system and ventilator before servicing. Leave power disconnected until service is completed.

### READ AND SAVE THESE INSTRUCTIONS



## OPERATING INSTRUCTIONS

The Energy Recovery Ventilator features a three-position speed switch, with **I** or **II** settings used for establishing continuous operation mode or the **STANDBY/OFF** mode. When the on/off switch on the ERV is turned to **I**, your home will receive a constant supply of fresh air.

The ERV operation can also be controlled with an AprilAire Thermostat with IAQ Control or an AprilAire Model 8120X Ventilation Control, allowing ventilation to occur on a schedule. Consult your installing contractor for more information about the AprilAire Thermostat with IAQ Control. If the ERV is to be controlled by an external control, move the speed switch to the **STANDBY/OFF** mode.

## MAINTENANCE

1. Unplug the unit before opening the access panel and performing maintenance.
2. Dirty filters increase air resistance in the system and can reduce air flow. Clean or replace the filters as often as required, but at least 3 to 4 times per year. Clean the filter with running water or a vacuum cleaner. Ensure the filters are dried prior to reinstallation.
3. To maintain the high heat exchange efficiency, regular cleaning of the core is required. To clean the energy recovery core, remove the two screws that secure the core, and pull the core out of the unit. Gently clean the air passages by using a vacuum with a soft brush attachment. The core can also be cleaned with **ONLY** water if needed. Do not use sharp objects, abrasive detergents, or aggressive solvents as these can cause damage to the core. Make sure that the energy recovery core is dry, and re-install it in the unit.
4. Check the outdoor intake and exhaust vents every six months and clean if necessary.
5. Blower compartments should be inspected for debris buildup every six months and vacuumed/cleaned if necessary. No maintenance is required for the blower motor.



Manufacturing  
Use Only

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AprilAire reserves the right to change specifications without notice.

## LIMITED WARRANTY

### Terms of Coverage

Your AprilAire® Ventilator is expressly warranted to be free from defects in materials or workmanship for five (5) years from date of purchase.

### What Is Covered

The exclusive obligation of AprilAire under this Limited Warranty shall be, at the sole discretion of AprilAire, to supply, without charge, a replacement for any component or product which is found to be defective. A defective part will be replaced pursuant to this Limited Warranty with a genuine AprilAire part. A defective product will be replaced pursuant to this Limited Warranty with a new AprilAire product of equal or similar features and functionality if the original product has been discontinued or is no longer available.

### Not Covered by the Limited Warranty

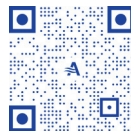
- Consumable or maintenance products, such as, but not limited to: Air Filters, Evaporative Humidifier Water Panels, Steam Canisters, or Steam Humidifier Electrode Wires.
- Products purchased from third parties that were previously used, such as previously-used products purchased from eBay, similar third party/auction sites, or individuals selling used products.
- Labor charges, shipping costs, removal fees, service fees, or reinstallation costs.
- Materials furnished by the installer.
- Damage caused by misuse, abuse, improper installation, or failing to install, use, or maintain the product in accordance with the instructions provided.
- Damage to HVAC equipment caused by improper installation(s) or misapplication installation(s).
- Modifications, changes, repurposing, or alterations to the AprilAire product.
- Extended warranties or satisfaction guarantees offered by third parties.
- Cosmetic damage or normal wear and tear, including, but not limited to: scratches, peeling finish, or dents that do not impede the mechanical functionality of the product.
- Damage caused by acts of nature, including but not limited to: fire, collision, flood, wind, power surge, lightning strike, or mold.
- Damage caused during transit.
- Damage caused during installation due to failure to follow local, state, or federal laws, statutes, codes, or ordinances.
- Damage caused by defects in materials furnished by the installer.

### Limit of Liability

IMPLIED WARRANTIES OF MERCHANTABILITY OR FITNESS FOR A PARTICULAR PURPOSE SHALL BE LIMITED IN DURATION TO THE AFOREMENTIONED EXPRESS WARRANTY PERIOD. APRILAIRE LIABILITY FOR INCIDENTAL OR CONSEQUENTIAL DAMAGES, OTHER THAN DAMAGES FOR PERSONAL INJURIES, RESULTING FROM ANY BREACH OF THE AFOREMENTIONED IMPLIED WARRANTIES OR THE ABOVE LIMITED WARRANTY IS EXPRESSLY EXCLUDED. THIS LIMITED WARRANTY IS VOID IF DEFECT(S) RESULT(S) FROM FAILURE TO INSTALL THE PRODUCT ACCORDING TO THE APRILAIRE INSTALLATION INSTRUCTIONS. IF THE LIMITED WARRANTY IS VOID DUE TO MISAPPLICATION OR IMPROPER INSTALLATION, ALL DISCLAIMERS OF IMPLIED WARRANTIES SHALL BE EFFECTIVE UPON INSTALLATION.

Some states do not allow limitations on how long an implied warranty lasts or the exclusion or limitation of incidental or consequential damages, so the above limitation(s) may not apply to your situation. This Limited Warranty gives you specific legal rights, and you may also have other rights which vary from state to state.

### Register Your AprilAire® Product



Thank you for choosing AprilAire. Register your product at [aprilair.com/warranty](http://aprilair.com/warranty) to receive important updates and notifications, and to streamline the process in the unlikely event you file a claim.

Your warranty registration information will not be sold or shared outside of this company.

### Make a Warranty Claim

For questions regarding the Limited Warranty or to initiate a claim, contact AprilAire Customer Service at 1.800.334.6011 Monday through Friday, 7:00 a.m. to 5:00 p.m. Central Time.

At the sole discretion of AprilAire, you may be required to: return the product not later than thirty (30) days after the warranty period to the place of purchase or (if directed) to AprilAire, contact a professional contractor to provide warranty service, submit a product for testing related to a warranty claim, and/or send pictures of the original product with the serial number (if applicable) to AprilAire Technical Support for inspection as a condition to reviewing a claim and/or receiving a replacement product under this Limited Warranty.

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