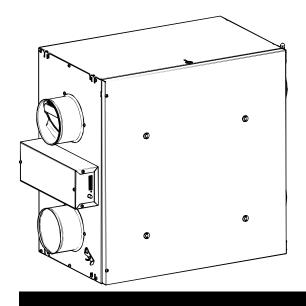


USER AND INSTALLER MANUAL



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HRV130FL (PART No. HRV130FLS), ERV130FL (PART No. ERV130FLS)

BEFORE INSTALLATION:

HRV130FL: Read section 2.1, page 4 for important information about condensing plate.

ALL UNITS: Read Section 2.1, page 5 for important information about backdraft dampers orientation.

F CONNECTING THE DUCTWORK OF THIS UNIT TO THE FURNACE SUPPLY DUCTWORK, READ NEW INSTRUCTIONS ON PAGES 6, 7 AND 8 BEFORE PERFORMING INSTALLATION.

INSTALLER: READ THESE INSTRUCTIONS SAVE THEM FOR USER

RESIDENTIAL USE ONLY





THESE PRODUCTS EARNED THE ENERGY STAR® BY MEETING STRICT ENERGY EFFICIENCY GUIDELINES SET BY NATURAL RESOURCES CANADA AND THE US EPA. THEY MEET ENERGY STAR REQUIREMENTS ONLY WHEN USED IN CANADA.

Please take note that this manual uses the following symbols to emphasize particular information:

⚠ WARNING

Identifies an instruction which, if not followed, might cause serious personal injuries including possibility of death.

CAUTION

Denotes an instruction which, if not followed, may severely damage the unit and/or its components.

NOTE: Indicates supplementary information needed to fully complete an instruction.

LIMITATION

For residential (domestic) installation only. Installation work and electrical wiring must be done by a qualified person in accordance with all applicable codes and standards, including fire-rated construction codes and standards.

△WARNING

TO REDUCE THE RISK OF FIRE, ELECTRIC SHOCK, OR INJURY TO PERSON(S) OBSERVE THE FOLLOWING:

- 1. Use this unit only in the manner intended by the manufacturer.
- Before servicing or cleaning this unit, disconnect power cord from electrical outlet.
- 3. This unit is not designed to provide combustion and/or dilution air for fuel-burning appliances.
- 4. When cutting or drilling into a wall or ceiling, do not damage electrical wiring and other hidden utilities.
- 5. Do not use this unit with any solid-state speed control device other than those specified in section 3.1.
- 6. This unit must be grounded. The power supply cord has a 3-prong grounding plug for your personal safety. It must be plugged into a mating 3-prong grounding receptacle, grounded in accordance with the national electrical code and local codes and ordinances. Do not remove the ground prong. Do not use an extension cord.
- 7. Do not install in a cooking area or connect directly to any appliances.
- 8. Do not use to exhaust hazardous or explosive materials and vapors.
- 9. When performing installation, servicing or cleaning this unit, it is recommended to wear safety glasses and gloves.
- 10. When applicable local regulation comprises more restrictive installation and/or certification requirements, the aforementioned requirements prevail on those of this document and the installer agrees to conform to these at his own expense.

CAUTION

- 1. To avoid prematurely clogged filters, turn the unit OFF during construction or renovation.
- 2. Please read specification label on product for further information and requirements.
- 3. Be sure to duct air outside Do not intake/exhaust air into spaces within walls or ceiling or into attics, crawl spaces, or garage. Do not attempt to recover the exhaust air from a dryer or a range hood.
- 4. Intended for residential installation only in accordance with the requirements of NFPA 90B (for a unit installed in U.S.A.) or Part 9 of the National Building Code of Canada (for a unit installed in Canada).
- 5. Do not run any air ducts directly above or within 2 ft (0.61 m) of a furnace or its supply plenum, boiler, or other heat producing appliance. If a duct has to be connected to the furnace return plenum, it must be connected 10' (3.1 m) away from plenum's connection to the furnace.
- 6. The ductwork is intended to be installed in compliance with all applicable local and national codes.
- 7. When leaving the house for a long period of time (more than two weeks), a responsible person should regularly check if the unit operates adequately.
- 8. If the ductwork passes through an unconditioned space (e.g.: attic), the unit must operate continuously except when performing maintenance and/or repair. Also, the ambient temperature of the house should never drop below 65°F (18°C).
- 9. At least once a year, the unit mechanical and electronic parts should be inspected by qualified service personnel.
- 10. Do not use your unit during construction or renovation of your house or when sanding drywall. Certain types of dust and vapors may damage your system.
- 11. Make sure at all times that the outside intake and exhaust hoods are free from any snow during the winter season. It is important to check your unit during a big snow storm, so it doesn't draw in any snow. If this is the case, please turn the unit OFF for a few hours.
- 12. Since the electronic control system of the unit uses a microprocessor, it may not operate correctly because of external noise or very short power failure. If this happens, unplug the unit and wait approximately 10 seconds. Then, plug the unit in again.

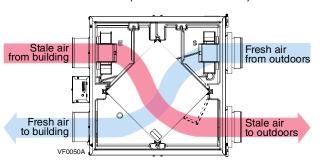


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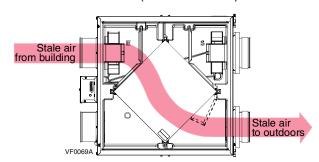
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1. TECHNICAL DATA

1.1 AIR DISTRIBUTION (NORMAL OPERATION)



1.2 AIR DISTRIBUTION (DEFROST MODE)



NOTE: The dimensions, performance charts, defrost cycle tables and specifications are listed on the specification sheets of the unit. Visit our website at www.broan.com.

2. INSTALLATION

A WARNING

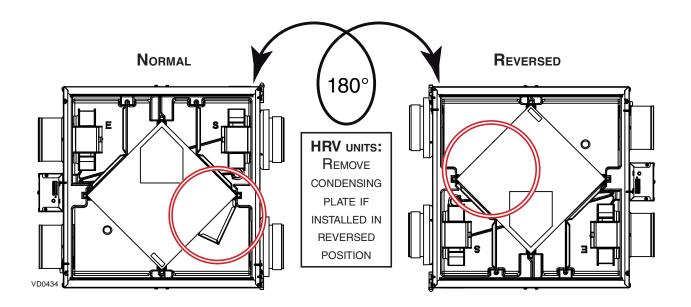
When performing installation, servicing or cleaning the unit, it is recommended to wear safety glasses and gloves.

2.1 LOCATING AND MOUNTING THE UNIT

CAUTION

These units can be installed upside down if needed.

- Once the unit has been properly suspended with the chains, if required, rotate both backdraft dampers to make sure they are positioned in such a way that the word "TOP" is up and that gravity allows them to close properly.
- For <u>HRV130FL units</u>, if unit is installed in reversed position, remove the condensing plate from the core by removing the core from the unit, and removing both screws holding the plate to the core.



2.1 LOCATING AND MOUNTING THE UNIT (CONT'D)

Choose an appropriate location for the unit:

- Within an area of the house where the ambient temperature is kept between 10°C (50°F) and 40°C (104°F);
- Away from living areas (dining room, living room, bedroom), if possible;
- · So as to provide easy access to the interior cabinet for maintenance, and to the control panel on the side of the unit;
- · Close to an exterior wall, so as to limit the length of the insulated flexible ducts to and from the unit;
- HRV units only: close to a drain. If no drain is close by, use a pail to collect run-off;
- · Away from hot chimneys, electrical panel and other fire hazards;
- · Within 6 feet of a power source (standard outlet).

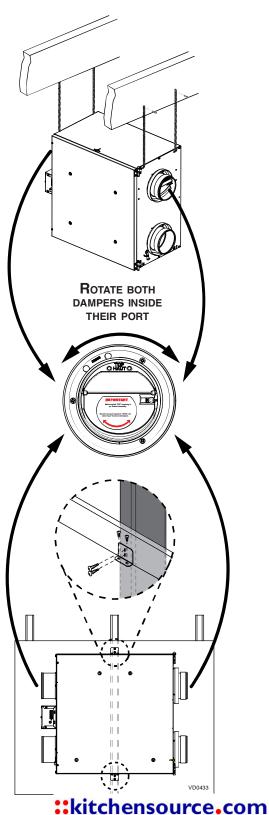
Suspended to the joists:

- Hang the unit to the joists using the provided chains. Springs are not required.
- Always make sure that the unit is no more than 1/4" off level.
- If required, rotate both backdraft dampers to make sure they are positioned in such a way that the word "TOP" is up and that gravity allows them to close properly.

OR

Wall mounted:

- Using the provided no. 8 x 3/8" screws, install both provided brackets on the unit one on top, one at the bottom of the unit.
- Using the provided no. 8 x 1 1/2" screws, secure the unit to the wall making sure that all screws engage into a stud.
- Always make sure that the unit is no more than 1/4" off level.
- If required, rotate both backdraft dampers to make sure they are positioned in such a way that the word "TOP" is up and that gravity allows them to close properly.



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