



INTEGRATED COMFORT SOLUTIONS™

HEAT RECOVERY VENTILATORS & ENERGY RECOVERY VENTILATORS

7604 Series

NEW SERIES!



KEEP IT FRESH

Today's homes are built tighter than ever before. While this may be good for energy efficiency, tighter homes trap indoor air pollutants. Indoor air quality is becoming increasingly important. That is why Robertshaw is introducing a new line of recovery ventilators.

These new ventilators are designed to bring in fresh, outside air and exchange it with the stale inside air without compromising the energy savings of your home.





Four models are available. The Heat Recovery Ventilators (HRV's) are designed for cooler climates where the demand for heat exchange is greatest. The Energy Recovery Ventilators (ERV's) are designed for the warmer climates where cooling and humidification control is more important. Both the HRV's and ERV's are available in two sizes to fit the square footage of any home.

FEATURES AND BENEFITS

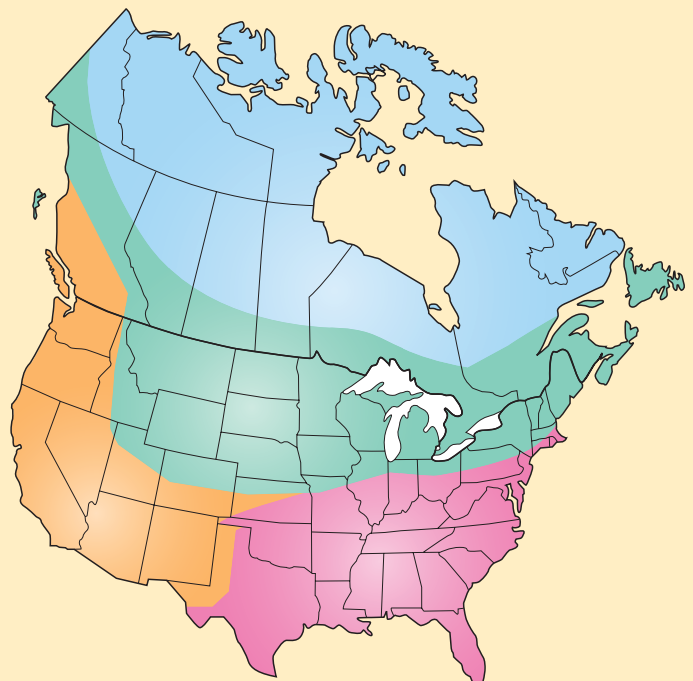
- Low maintenance units designed to improve indoor air quality and provide balanced ventilation in residential applications
- Units include installer friendly features like easy-slide core guides, external electrical box and easy-access doors
- All models feature precision balanced EBM motors for dependable, vibration-free operation.
- Washable electrostatic filters
- External screw type dry contacts

SELECTING THE RIGHT UNIT

The climate conditions where you live will determine whether you need a Heat Recovery Ventilator or an Energy Recovery Ventilator. HRV's are usually recommended for colder climates with longer heating seasons. ERV's are used for warmer more humid climates with long cooling season. See map for reference.

 HRV Required	 HRV Recommended
 HRV Recommended	 ERV Required

NOTE: When installing ERV's (in ERV areas according to the map), and the outdoor temperature falls below 23°F (-5°C) for more than 2 consecutive days, it is recommended that a defrost option be installed on the equipment.





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Design Specifications

Other Indoor Air Quality Products from Robertshaw

Check out the entire line of new IAQ products offered by Robertshaw. Adding any or all of these to your HVAC system will make your indoor air quality healthier and a more comfortable place to live.

High Efficiency Air Cleaners

The Robertshaw Air Cleaner will trap and remove 97% of airborne particles providing cleaner, fresher air within the home.

- 7600-024** Air cleaner, 78 sq. ft. filtering media
- 7600-025** Air cleaner, 62 sq. ft. filtering media
- 7600-030** Media replacement for 7600-024 air cleaner
- 7600-031** Media replacement for 7600-025 air cleaner

By-Pass Humidifiers

The Robertshaw 7601 series creates a more comfortable environment by adding moisture to the heated conditioned air in a home.

- 7601-004** By-Pass Humidifier without humidistat
- 7601-005** By-Pass Humidifier with Ranco J10-808 humidistat
- 7601-006** Power Humidifier
- 7601-010** Replacement Evaporator pad

Ultraviolet Light Air Purifier

Our Ultraviolet light system reduces airborne allergens and irritants from inside your air space. Ideal addition for any homeowner who wants cleaner, healthier air.

- 7602-001** Ultraviolet Light Air Purifier System
- 7602-005** Replacement bulb for UV light 7602-001

Recovery Ventilators

These new Robertshaw ventilators are designed to bring in fresh, outside air and exchange it with the stale inside air without compromising energy savings. Heat Recovery Ventilators (HRV) are designed for cooler climates where the demand for heat exchange is greatest. Energy Recovery Ventilators (ERV) are designed for the warmer climates where cooling and humidification control is more important.

- 7604-001** HRV used in homes up to 2150 sq. feet
- 7604-002** HRV used in homes up to 3350 sq. feet
- 7604-003** ERV used in homes up to 2150 sq. feet
- 7604-004** ERV used in homes up to 3350 sq. feet

Heat Recovery Ventilators

	7604-001	7604-002
Application	HRV used in homes up to 2150 sq. feet	HRV used in homes up to 3350 sq. feet
Airflow capacity sfm (L/s) @ 0.4 High Speed	128 (60)	160 (76)
Apparent sensible effectiveness	72%	71%
Total recovery efficiency	N/A	N/A
Defrost type	Fan Shutdown	Fan Shutdown
Dimensions L x W x H	23.5" x 17.4" x 16.1"	28" x 17.4" x 20.5"

Energy Recovery Ventilators

	7604-003	7604-004
Application	ERV used in homes up to 2150 sq. feet	ERV used in homes up to 3350 sq. feet
Airflow capacity sfm (L/s) @ 0.4 High Speed	135 (64)	155 (73)
Apparent sensible effectiveness	N/A	N/A
Total recovery efficiency	58%	66%
Defrost type	Fan Shutdown	Fan Shutdown
Dimensions L x W x H	23.5" x 17.4" x 16.1"	28" x 17.4" x 20.5"

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