

Why Ventilate?

- Our families need and deserve more fresh air than ever before
 - We spend far more time indoors than ever before – as much as 9 out of every 10 breathes we take is from indoor air
 - We are surrounded by more potential contaminants than ever – furniture and furnishings, pets, chemicals, cooking odours
 - Our expectations for health have increased – more people seem to be suffering from asthma and allergies.
- Mechanical ventilation has been a building code requirement since 1990

What is an HRV?

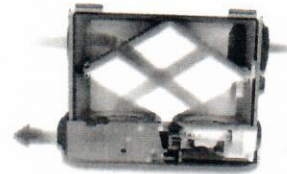
- HRV stands for Heat Recovery Ventilator
- These devices are often described as the LUNGS of your new home.
 - Using 2 quiet, efficient fans, HRVs bring in just the right amount of fresh, filtered air that your family needs and exhales stale, stuffy air to the outside
- The waste energy from the stale air is used to warm up (in winter) the fresh air - this saves a lot of energy
- HRV's provide Quiet, Comfortable, Energy Efficient Fresh Air

The LUNGS of the House

Typically 70% - 80% Efficient

Stale Air from Building

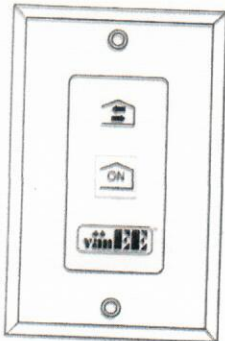
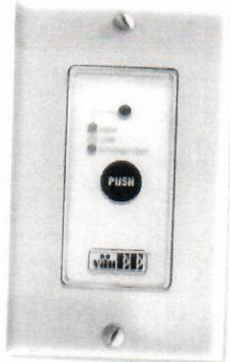
Fresh Air to Building



Fresh Air from Outside

Stale Air to Outside

Recovery core where the warm inside air transfers its heat to the cold incoming fresh air



Lite-Touch Bronze Control

Activate the push button, the colour of the indicator shows the unit operating mode.

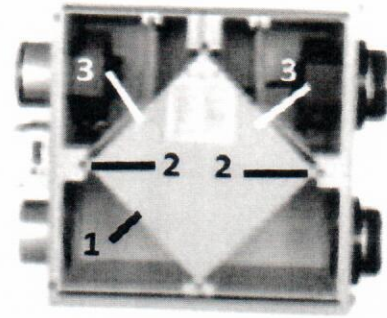
Colour	Mode	Suggested Use
Green	Intermittent	Select this mode when you are away from your home for a few days. Also, when you deem the inside air is too dry in the heating season, or too humid during cooling season. In this mode, the unit is OFF for 40 minutes per hour and ventilates at minimum speed the remaining 20 minutes of the hour.
Yellow	Min Speed Ventilation	For normal daily operation
Red	Max Speed Ventilation	For excess pollutants and humidity (parties, odours, smoke, etc).

20-minute Lighted Push Button

Press once to activate the push button. The unit will operate on high speed for 20 minutes and the indicator will light up. To stop activation before the end of the 20-minute cycle, push one more time. The unit will go back to its previous setting.

Maintenance

1. Unplug Unit
2. Unlatch the door and open it.
3. Maintenance every six months
 - Clean inside the door with a damp cloth
 - *Clean the inner side of the door with a damp cloth, then wipe with a dry one. Disengage the door from its hinge by sliding it from left to right and set aside.*
 - Clean Filters
 - *Lift both foam filter brackets (3) and remove the foam filters (4) from the core.*
 - *Clean the inside walls of the unit with a clean damp cloth, then wipe with a clean dry one.*
 - *Wash the 2 core filters under hot water with mild soap. Rinse thoroughly and let dry completely before reinstalling on the core.*
 - Reinstall
 - *Reinstall both foam filters and secure them to the core by pulling down the 2 foam filter brackets. Reinstall the door.*
4. Maintenance once a year
 - Clean Core
 - *Remove the dust on the core using a vacuum cleaner and soft brush attachment.*
 - *Slide the core in the unit. Secure the core by rotating both core retainers to their initial position.*
 - Clean Exterior Hood(s)
 - *Remove leaves, waste paper or other obstructions that maybe blocking the outside vents of your HRV.*
 - Service the Centrifugal Fan Wheel
 - *Remove the dirt that has been accumulated on the blades by gently brushing them.*
5. Restarting the Unit
 - Close the door and plug the unit back in.
 - *The unit will return to its previous setting after a 30-second delay for a start up sequence.*



- 1) HRV Core 3) Core filters
2) Core Retainers

