

Comfort, Energy  
& Health Solutions



Indoor  
Air Quality



[www.honeywell.com/yourhome/](http://www.honeywell.com/yourhome/)

Perfect Window® Air Exchangers Ventilate your home to assure fresh air while minimizing heat loss

## Out with the old. In with the fresh.

According to the Heating, Refrigeration, and Air Conditioning Institute, for health and comfort, your home should have new, fresh air every three hours. In drafty old homes this occurs naturally, as stale air seeps out and fresh outside air is drawn in. But if your home is tightly weatherized, it can take as long as 10 hours to bring in new air. You drink fresh water. Why not breathe fresh air?

### How it works—inside and out.

The heart of the Perfect Window is a heat transfer core that transfers heating or cooling energy from outgoing to incoming airstreams. In the ERV, both heat and moisture are transferred. Inside your home, a Perfect Window ventilation system can be added to your heating and cooling system.

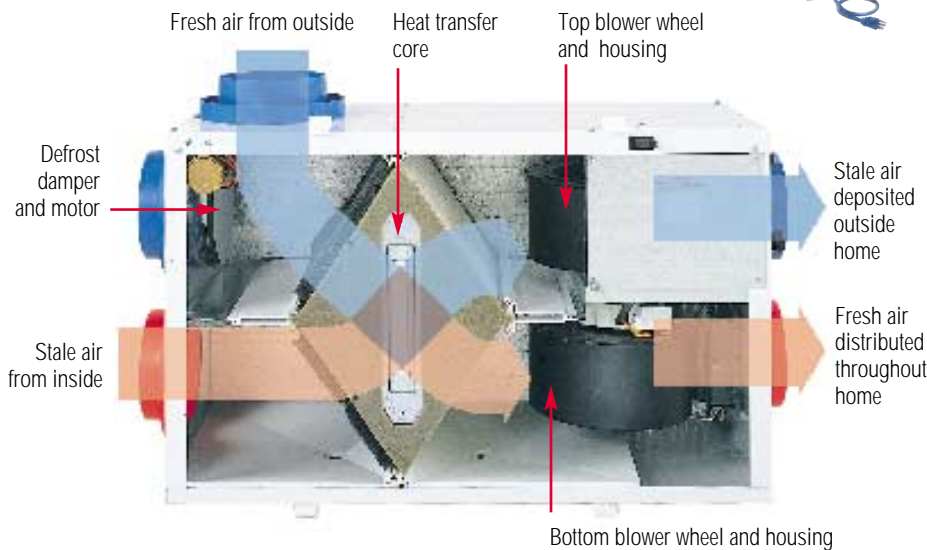


Illustration shows heat transfer from outgoing to incoming air. Heat transfers between incoming fresh air and outgoing stale air as the two air streams pass by opposite sides of multiple layers of a special membrane. In the ERV, both heat and moisture are transferred.

Choose from two types of ventilation systems depending upon the climate and your individual home needs.

Both systems:

- Provide whisper-quiet ventilation with minimal maintenance
- Allow you to manually or automatically adjust your fresh air flow
- Use patented technologies that retain energy used to heat or cool your home

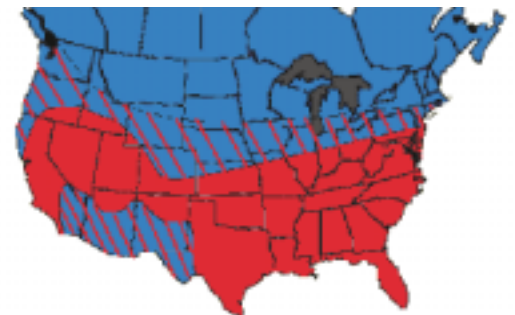
### Choose which is best for you...

#### HRV

- For cooler climate
- Transfer heat
- Helps reduce window condensation and excess moisture.
- Uses about the same amount of energy as a 100-watt light bulb.
- Five speeds for specific demands.
- Defrost package included.

#### ERV

- For warmer climate
- Transfer heat & moisture
- Helps reduce amount of humidity brought into home in summer; helps retain humidity in winter.
- Uses about the same amount of energy as a 100-watt light bulb.
- Five speeds for specific demands.
- Defrost optional



- HRV Recommended
- HRV or ERV – Contact your Contractor
- ERV Recommended

Unlike an open window, a Perfect Window retains most of the energy used to heat or cool your home—saving you money on utility bills. Plus, having the windows closed keeps your family more secure.

Model	HR150B	HR200B	ER150B	ER200B	ER150C
Airflow Capacity (varies with static pressure)	150 cfm	200 cfm	150 cfm	200 cfm	150 cfm
Sensible Efficiency (low speed at 32F)	66%	60%	66%	60%	66%
Sensible Efficiency (-13F)	60%	60%	NA	NA	NA
Total Efficiency (at 95F)	NA	NA	50%	50%	50%
Moisture Transfer Ratio	NA	NA	26%	26%	26%
Dimensions	31 (787) W 19 (483) H 14.75 (375) D	31 (787) W 19 (483) H 14.75 (375) D	31 (787) W 19 (483) H 14.75 (375) D	31 (787) W 19 (483) H 14.75 (375) D	31 (787) W 19 (483) H 14.75 (375) D
Service Clearance	25 (635)	25 (635)	25 (635)	25 (635)	25 (635)
Electrical Rating (current given at low and max speeds)	120Vac, 0.7A to 1.4A	120Vac, 0.8A to 1.4A	120Vac, 0.7A to 1.4A	120Vac, 0.8A to 1.4A	120Vac, 0.7A to 1.4A
Defrost Package	X	X	X	X	NA

## Honeywell

Choose better indoor air for your family by installing Honeywell solutions. You'll enhance your comfort and peace of mind.



### Ultraviolet Air Treatment Systems

**Zap** airborne germs and prevent mold spore growth on air conditioning coils



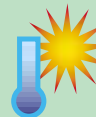
### Whole-House Air Cleaners

**Trap** a high percentage of airborne particles of the air passing through it



### Whole-House Humidifiers

**Moisturize** dry air to optimize humidity for your home and health



### Zoning Systems

**Control** temperature by area in your home, saving energy and improving comfort



### PerfectWindow® Air Exchangers

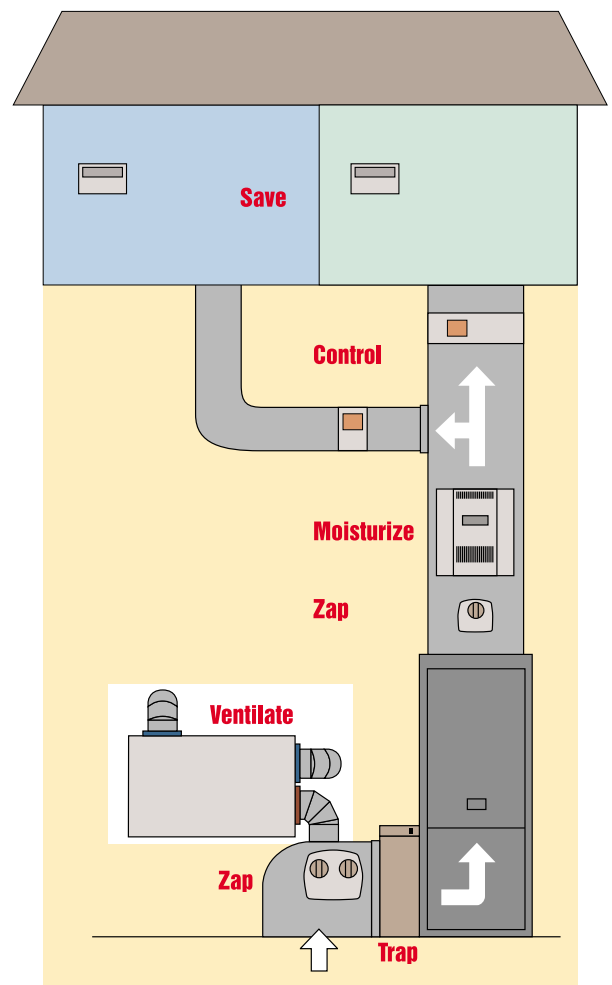
**Ventilate** your home to assure fresh air while minimizing energy loss



### Programmable Thermostats

**Save** up to 30% in annual energy costs with this easy-to-use thermostat\*

\*depending on geography and usage



**Honeywell**

### Automation and Control Solutions

In the US: Honeywell, 1985 Douglas Drive North, Golden Valley, MN 55422-3992

In Canada: Honeywell Limited, 35 Dynamic Drive, Toronto, Ontario M1V 4Z9

