

## ERV/HRV Fresh Air Ventilation Systems.

Today's homes are so well-insulated they are practically airtight. While this is beneficial for lower energy costs, it also causes the stale air to be trapped inside leaving



your home and family vulnerable to air pollutants. These intruders can cause problems to your health and to the structural integrity of the home.

Fortunately, Tappan offers a line of air quality products to help improve the indoor environment in any home. The Tappan ventilation systems are just one example of how indoor air pollution can be controlled through technology.

Your heating and cooling system can only re-circulate the air inside your home, but a ventilation system can

distribute throughout the home. These are key factors in optimal indoor air quality and good health.

> A Heat Recovery is ideal for colder

climates. The HRV keeps the home supplied with a steady flow of fresh outdoor air. As stale, warm air is expelled the heat recovery core warms the incoming fresh, colder air before it's distributed through the home. The result is a constant supply of fresh air, no unpleasant drafts and greater home comfort. In addition to heat recovery and improved air quality, the HRV provides necessary ventilation while controlling excess humidity.

## An Energy Recovery Ventilator

(ERV) is ideal for warmer climates and high-humidity environments.

Although an ERV

colder climates, it

in warmer climate

is typically used

can be used in



homes where humidity control is important. The ERV recovers heat like the HRV, but it also recuperates the energy trapped in moisture, which greatly improves the overall recovery efficiency. The ERV process us as follows: in humid climates and air conditioned homes, when it is more humid outside than inside, the ERV limits the amount of moisture coming into your home. In dry climates and humidified homes when the humidity level is reversed, the ERV limits the amount of moisture expelled from your home.

Both systems filter outdoor pollutants and expel indoor pollutants to the outside exchanging the air in the home.

Tappan ventilation systems are backed with a 10 Year Warranty when installed and registered with a Tappan heating or cooling system. Sold separately, they carry a 1 year warranty. A Tappan dealer can help you choose the right type of Tappan Ventilation system that is right for you.





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expel the stale air, and bring in a

continuous flow of fresh air to

Ventilator (HRV)