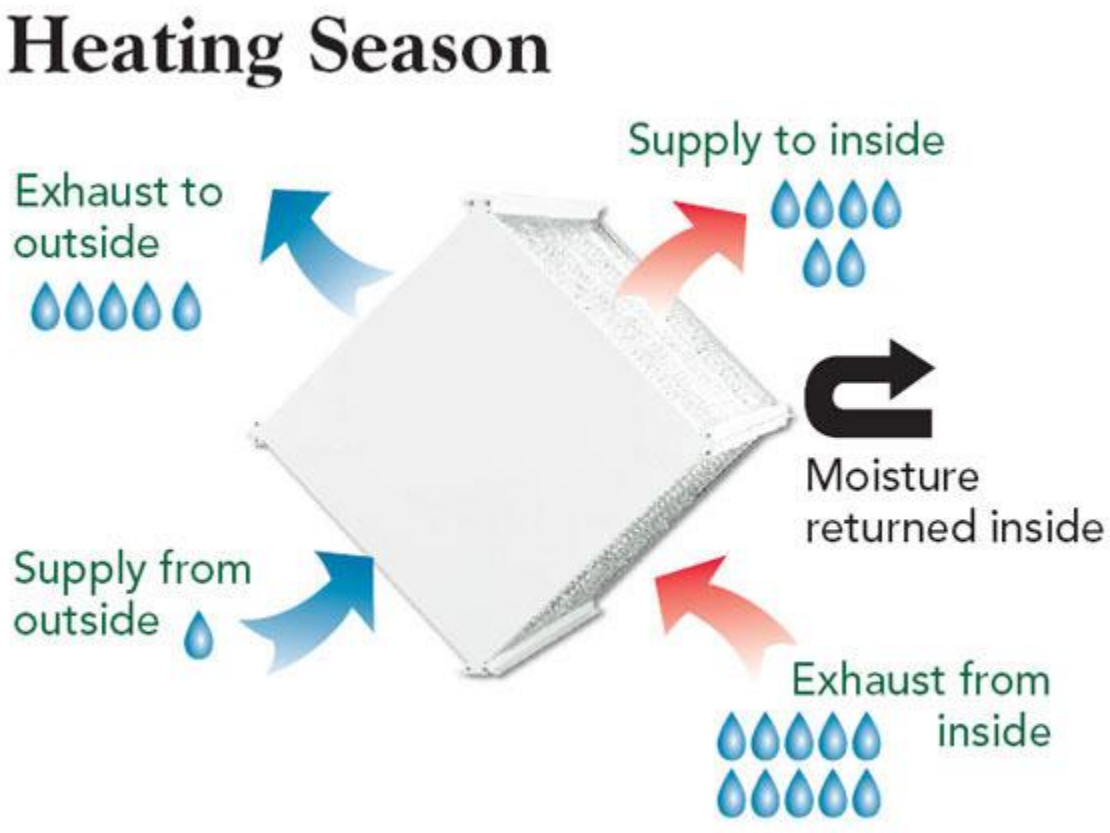
HRV vs an ERV?

The answer to this question depends on many factors such as geographic location, tightness of building construction, ventilation rate, and size of building, occupancy and activities in the building.

Three basic facts are:

- Heat recovery ventilators (HRVs) are ideal for colder climates, like most of Canada, where homes need to be heated the majority of the year whereas ERV's are recommended for warmer climates.
- an HRV or an ERV is not a humidifier in the heating seasons
- an HRV or an ERV is not a dehumidifier in the cooling seasons

How a Heat Recovery Ventilator Works:



During the heating seasons, heat is transferred from the warm indoor exhaust air into the cold outdoor supply air. This means you will save on your home heating costs compared to any other

form of ventilation. You will experience improved home comfort without unpleasant drafts.

Winter HRV ventilating will normally reduce the indoor humidity level. The colder the outdoor air the lower the indoor humidity level will be. To lessen the dehumidification effect, some HRVs can be run on a lower speed or run intermittently.

During cooling seasons in houses with air conditioning, the cool indoor exhaust air takes heat out of the hot outdoor supply air. This means you may save on your home air conditioning costs compared to any other form of ventilation.