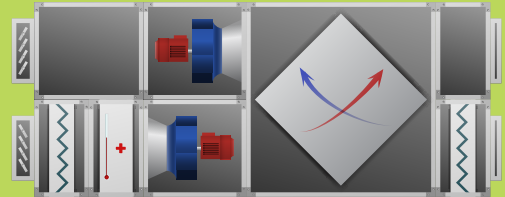


# HEAT RECOVERY VENTILATORS

Heat Recovery Ventilators (HRVs), also known as fresh air exchangers, remove excess moisture and pollutants (mould, household chemicals and bacteria) from indoor air, and let fresh air inside the house while minimizing heat loss.

Homes built after 1977 are typically more airtight, which helps to prevent heat loss but also prevents air circulation, which is important for your health and comfort.

In the fall and winter, an HRV captures heat from the air leaving your house and uses it to heat the fresh air coming into your house. In the spring and summer, the process is reversed: the HRV removes heat from the incoming air and transfers it to the outgoing air.



# HEAT RECOVERY VENTILATORS



## WHAT TO LOOK FOR:

- An ENERGY STAR® certified HRV uses less energy, on average, than a standard model.
- For homes with ductwork, consider a whole-house system.
- In homes without ductwork, a room-sized HRV can be installed in a window or wall opening. These are best for rooms with ventilation problems such as bathrooms or laundry rooms.



## THINGS TO CONSIDER:

- Hire a professional, licensed HVAC supplier/contractor to install your HRV.
- Consider financing your home energy improvements through the City of Toronto's Home Energy Loan Program (HELP).
- Consider getting an EnerGuide Energy Efficiency Home Evaluation to help you understand how your home uses energy and identify all improvement opportunities.
- Check with your municipality, utility or retailer to see if rebates are available.



## COST:

\$350 - \$500 for mounted room-sized models; \$500 - \$1,500 for whole-house systems.

