

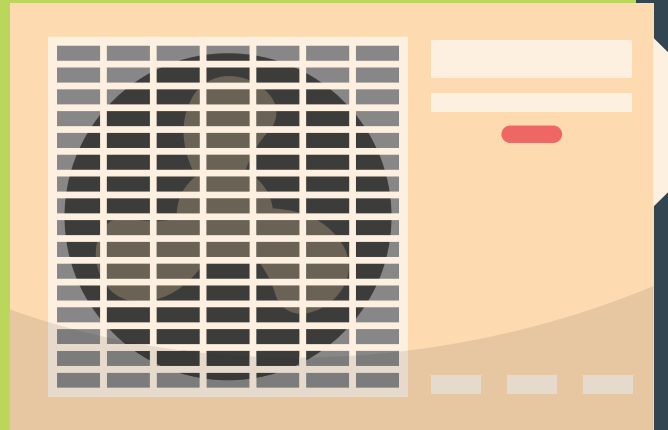
# HEAT PUMPS – AIR SOURCE

Space heating accounts for about 60 per cent of the energy used in the average Canadian home. In an electrically heated home, an air-source heat pump can reduce your heating costs by up to 50 per cent.

An ENERGY STAR® certified air-source heat pump will use 5 per cent less energy, on average, than a standard model.

An air-source heat pump is an electrical device that heats or cools your home by taking advantage of the difference in temperature between the air outside your home and the air inside.

The pump will act as a high-efficiency air conditioner in the summer, by moving heat out of your home, and a heater in the winter by bringing heat into your home, even when it's cold (0°C).



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### WHAT TO LOOK FOR:

- Heat pumps have two important ratings: the Heating Seasonal Performance Factor (HSPF), which reflects its efficiency during the winter, and the Energy Efficiency Ratio (EER), which reflects its efficiency in the summer. In both cases the higher the number, the higher the efficiency.
- Purchase a 'cold-climate' heat pump to reduce your reliance on a supplementary source in the colder seasons.



### THINGS TO CONSIDER:

- Pair the heat pump with a smart thermostat for maximum efficiency.
- Hire a professional heating and cooling technician to install the pump. Ensure they can provide the advice on the right size and product required for your home and climate.
- Service the heat pump at the end of the summer, before the heating season arrives.
- Clean the filters and coils monthly to improve the performance and life-span of your system.
- Consider getting an EnerGuide Energy Efficiency Home Evaluation to help you understand how your home uses energy and identify all improvement opportunities.



### COST:

\$2,500 - \$5,000+ per unit, including installation.

BetterHomesTO: Tips, tools & resources to improve the energy efficiency of your home. [BetterHomesTO.ca](https://www.betterhometo.ca)

