

# Come Home to Year-Round Comfort

## Consider a central heat pump in your home.

Winter heating, summer cooling, filtering indoor air and dehumidifying – an air-source heat pump can do it all. Heat pumps are the most energy-efficient and climate-friendly heating and cooling system available today.



**Rebates  
Available**

An air-source heat pump is one of the many components that work together to make your home a better home.

**Ask a qualified contractor how a heat pump  
can transform your home!**

# Central Heat Pump

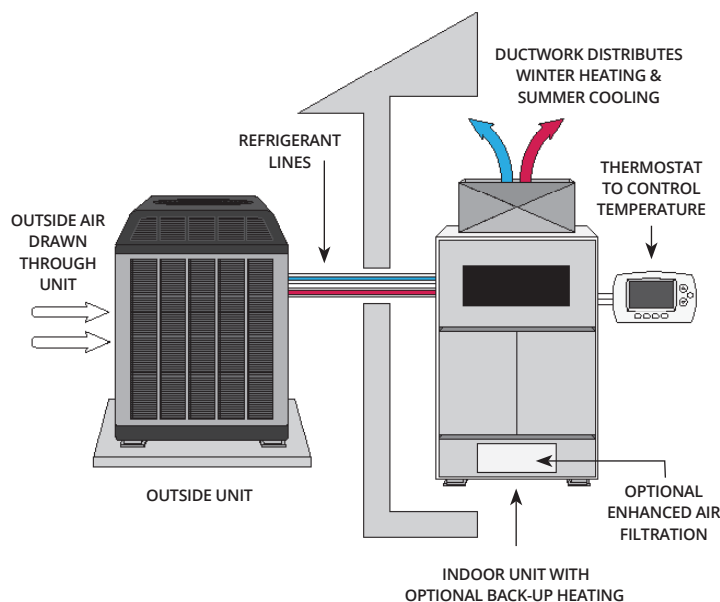
Space heating is the largest use of energy in our homes and a significant contributor to greenhouse gas emissions. An air-source central heat pump is a highly efficient, climate-friendly and modern alternative to a natural gas, oil or electric furnace.

## What are the benefits?

- **Year-round comfort:** Enjoy energy-efficient heating in the winter and cooling in the summer.
- **Climate-friendly:** Heat pumps are a clean energy alternative to natural gas, oil or wood heating that can reduce your space heating carbon footprint by over 90%.
- **Maximum efficiency:** Heat pumps are the most energy-efficient heating system currently available and are up to 3 to 4 times more efficient than electric furnace or baseboard heating.
- **Better indoor air quality:** Heat pumps provide air filtration and humidity control that helps rid your home of indoor pollutants, dust, pollen and other allergens.
- **Ease of use:** Safe, quiet, convenient operation and simple to maintain.

## How does it work?

A heat pump extracts heat from the outside air and transfers this heat to the inside by compressing and expanding refrigerant when heating. If cooling, the heat pump works in the opposite direction. A central heat pump uses ductwork connected to vents in your home to circulate warmed or cooled air. Central heat pumps provide whole-home heating.



## What are the costs?

Costs for purchasing and installing a central heat pump system can vary significantly based on the size and floor plan of your home; the type, make and model of system; as well as design and installation considerations.

The average cost for installing a high-efficiency central heat pump in an existing home ranges from \$6,000 to \$12,000.

## The right system for your home

Optimal performance from a new high-efficiency heat pump depends on many factors.

- **Use an accredited installer:** Work with an accredited TECA (Thermal Environmental Comfort Association of BC), ASTTBC (Association of Applied Science Technologists and Technicians), HRAI (Heating, Refrigeration and Air Conditioning Institute of Canada), or manufacturer approved/recommended installer.
- **Buy wisely:** Be sure to get multiple quotes to compare costs, efficiency ratings, installation approaches and product warranties. The lowest cost system may not be the best option for your home.
- **Ensure optimal performance:** To allow your heat pump to operate at maximum efficiency, avoid frequently adjusting your thermostat. Set your thermostat to your preferred temperature and forget it.
- **Maintain your equipment:** Arrange for professional servicing of your heat pump at the manufacturer's recommended interval. Consult the owner's manual for more details.
- **Consider additional retrofits:** All heating systems work more effectively in homes that are more energy-efficient. Consider upgrading your insulation, windows and improving the air tightness of your home. Rebates are available!

## Rebates are Available

- **CleanBC Better Homes**  
[www.betterhomesbc.ca](http://www.betterhomesbc.ca)
- **BC Hydro Home Renovation Rebates**  
[www.bchydro.com/rebates](http://www.bchydro.com/rebates)
- **Municipal Top-Ups**  
[www.betterhomesbc.ca/municipal-offers](http://www.betterhomesbc.ca/municipal-offers)