

# Heat Pumps

## Efficient heating & cooling

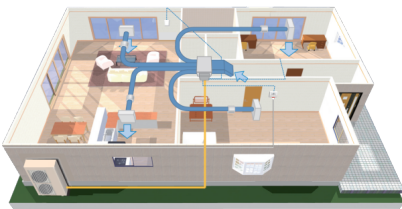


Heat pumps are the best way to heat your home in the winter and cool your home in the summer. They're more energy efficient than electric baseboard heaters, gas furnaces, or oil heat, & work in all climates.

### How do they work?

Like your refrigerator, freezer, or car AC, heat pumps use electricity to transfer heat from one place to another. A heat pump moves heat inside in the winter (to warm your home) and outside in the summer (to provide cooling). Because they transfer rather than generate heat, heat pumps provide year-round comfort in all climates and can lower utility bills.

### Types of air source heat pumps



**Ducted** heat pumps use existing or new ductwork to disperse heated or cooled air throughout your home.

**Ductless** (or "mini-split") heat pumps are easier to install where there is no existing ductwork. Ductless heat pump heads are usually mounted high on the wall or recessed into ceilings. Each serves one room or area of your home.





## FEATURES

Increased comfort year-round, more air circulation and filtration, more consistent temperatures.

## ENERGY SAVINGS

Heat pumps are 2–3x more efficient than other heating systems, which can reduce energy bills.

## CARBON EMISSIONS

Avoid 2.8 tons of carbon emissions/year—more when paired with renewable electricity.

## How to get started!

**Get an energy audit.** Find out how well your home is insulated and sealed—and what upgrades are recommended.

**Make your home energy efficient.** Weatherize your home first, so you can install a smaller, more affordable heat pump that provides the same comfort with less electricity.

**Get three quotes.** Get estimates from three heat pump HVAC contractors. Make sure they do a heating load calculation to properly size the system for your home.

## Rebates & Tax Credits

- 30% Federal tax credit (up to \$2k)
- \$500 Energy Trust discount (where applicable)
- Low and moderate income up-front rebate up to \$8,000 (available 2026)

Find helpful resources and sign up for a free yard sign at [www.electrifypdx.org](http://www.electrifypdx.org)

