



Save up to **\$2,580**

Get a \$200 instant discount, courtesy of a PGE-approved contractor, when you install a qualified energy-efficient heat pump. A PGE-approved contractor can help you select the best system for your needs.

On the highest efficiency models, you also may qualify for up to a:

- \$200-\$600 *Energy Trust incentive*²
- \$50-\$430 *Oregon energy tax credit*²
- \$1,500 *federal energy tax credit*

To be eligible, you must meet program criteria and installation requirements.³

For complete details and a list of PGE-approved contractors, call or visit our Web site. Ask your contractor if manufacturers' rebates are available.

² Heat pump contractor must be certified by Energy Trust and/or Oregon Department of Energy.

³ Rebates, incentives and tax credits are subject to change.



Find more information online:

PortlandGeneral.com/HeatPump

Or contact PGE Energy Experts at
503-612-3500 or 1-800-722-9287

Get comfortable with a high-efficiency heat pump



No matter where you live,
there's a heat pump that fits your needs.

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Portland General Electric

The smart way to **heat and cool** your home

An energy-efficient heat pump is the most efficient way to heat and cool your home. You'll stay comfortable year-round and use up to 40 percent less electricity to heat your home.¹ It's the smart choice, whether you add a heat pump to your existing heating system, or use a **ductless model** to replace baseboard or zonal heaters.

Energy efficiency

A heat pump is a great heating and cooling choice in our mild climate. During winter, a heat pump extracts heat from outdoors, bringing it inside to heat your home. In summer, a heat pump acts just like an air conditioner: It pumps heat from inside and discards it outside, while distributing cool air indoors for greater comfort.

Because a heat pump transfers rather than creates heat, it uses significantly less energy than

other heating systems. Most heat pumps include a secondary heat source to supplement the heat pump when it is unseasonably cold outside. Some can operate efficiently with no backup heat source in our climate.

Ductless models

Recently introduced to the U.S. market, ductless, mini-split heat pumps allow you to heat and cool individual rooms or zones in your home — each controlled by its own thermostat. Because they do not require ductwork, these heat pumps are among the easiest and most flexible heating and cooling systems to install.

Constant comfort

Heat pumps deliver consistent year-round temperatures and balance humidity to keep you comfortable in any season.

Quiet, reliable performance

Today's generation of heat pumps offer reliable performance, quiet operation and simple maintenance. When installed and tested by a qualified contractor, heat pumps deliver years of dependable service, comfort and efficiency.

Easier on the environment

When you choose an energy-efficient heat pump, you're making a choice for the environment. By reducing your energy use, you reduce carbon-dioxide emissions and reliance on fossil fuels.



How much can you save?

Heating and cooling system efficiency is measured by two ratings: HSPF (Heating Seasonal Performance Factor) for heating and SEER (Seasonal Energy Efficiency Ratio) for cooling. The higher the rating, the greater the efficiency and savings.

The following example shows potential energy savings from an energy-efficient heat pump.

Annual energy cost comparison (Typical 1,800-square-foot home)

- Electric furnace with 10 SEER air conditioning = \$2,216
- 7.7 HSPF/13 SEER heat pump = \$965
- Energy savings = \$1,251 (56%)

This is an example only and assumes similar weather, thermostat settings and living patterns before and after installing the heat pump. Individual circumstances will vary. Ask the PGE Energy Experts or your dealer for more information.

Learn more about heat pumps and incentives

PGE Energy Experts:
PortlandGeneral.com/HeatPump
503-612-3500 or 1-800-722-9287

¹ Compared to an electric furnace. Individual circumstances will vary. Ask the PGE Energy Experts, or your contractor for more information.