



Air Source Heat Pumps

Air Source Heat Pumps are an efficient, economical, and environmentally friendly way to heat and cool your home. Since heat pumps run on electricity, they are an ideal replacement for ducted electric heating and cooling systems, providing comfort at a lower cost.

Air Source Heat Pumps use up to 40% less energy than electric resistance heating systems like furnaces, baseboards, and wall heaters. They also provide cooling, so a single system can deliver year-round comfort for your home. Newer heat pumps work well in lower temperatures making them a good choice in all climates.

Heat pumps use electricity and refrigerant lines to move heat from one location to another, which is more energy efficient than creating heat. They transfer the heat out of the home in the summer and into the home during the winter. When properly installed by a certified Performance Tested Comfort Systems technician, an Air Source Heat Pump can deliver up to three times more heat energy to a home than the electrical energy it consumes.

Cost Factors and Incentives

The total cost depends on the size and efficiency of the system and the complexity of the installation.

Incentives of up to \$1,600 may be available. Amounts vary based on the type of existing heating system, the type of system being installed and PTCS certified installation. Check with your local utility for specific incentive amounts and requirements.

Performance Tested Comfort System (PTCS) is a Northwest-regional program for utilities to improve HVAC-system comfort and increase energy savings.

Customer Benefits

- Reduces heating energy by up to 50% compared to typical electric resistance heating systems like furnaces, baseboards, and wall heaters, according to the U.S. Department of Energy.
- Provides cooling and heating in one unit.
- High efficiency fans reduce noise inside the home and stabilize indoor temperatures.
- Compatible with smart thermostats.

Recommended For

- Homes with ductwork.
- Homes with aging heating systems.
- Homeowners looking to add air conditioning.

To get the most out of your heat pump installation, consider improving your home's energy efficiency through weatherization steps such as air sealing and adding insulation. This will help your system work more effectively and will save you money on heating and cooling while improving home comfort. Consult with a [qualified professional contractor](#) to see if your home is a good candidate for an air source heat pump, and check with your local utility for available incentives and rebates.