

Heat Pump Program Description

Heat pumps must be Energy Star rated to qualify for the program. Below is a summary of installation requirements, loans and incentives available through EPUD, and tax credits:

Type	HSPF	SEER/COP	Max. Loan	Incentive	State Tax Credit	Federal Tax Credit
Air Source	8.5	14	\$7500	\$800	www.oregon.gov/energy	www.energystar.gov
*Ground Source	N/A	COP of 3	\$7500	\$2000	www.oregon.gov/energy	www.energystar.gov

Additional Requirements:

- 75% or more of ductwork must be located outside of the conditioned space.
- All heat pump installations shall have either a soft-start capacitor or scroll compressor as defined in the following specification: Provide a 240 V capacitor soft-start, with the following attributes, for use in conjunction with the compressor's existing start capacitor. The capacitor shall be between 130 microfarads and 200 microfarads. The device shall switch out of the circuit after compressor startup. The device shall be a UL Recognized Component and should display this mark.
- *Ground Source heat pumps must be closed-loop systems. Homes built in or after 1992 with a half or full basement are not eligible. Manufactured homes are also not eligible.
- UL listed Carbon Monoxide (CO) detectors are required in homes whenever combustion appliances are located within a conditioned space. Combustion appliances include wood or pellet stoves, fireplaces, gas appliances, propane appliances, etc.

Duct Sealing:

As part of the heat pump installation, all ductwork shall be tested and sealed by the contractor to PTCS standards.

System Commissioning:

CheckME! or PTCS certification is required for the heat pump program.

Minimum Insulation Requirements:

An EPUD Energy Analyst will perform an energy audit of your home and determine if insulation upgrades are needed. An additional loan is available to cover these insulation costs if necessary. *Where feasible, the following requirements will apply:*

1. If the attic is less than R-25, it should be increased to R-38
2. If the wall cavity is R-0, it should be insulated to at least R-11
3. If the floor is less than R-11, it should be insulated to at least R-19
4. If the ducts are insulated to less than R-8, they should be upgraded to R-11

Loan Program:

You can borrow up to \$7500 at zero-interest toward the purchase of a heat pump (including duct sealing) through First Tech Credit Union. The loan can be repaid over five years. Simply complete the loan application and return it to First Tech in person at 4400 W 11th Avenue in Eugene or by mail to PO Box 2100, Beaverton, Oregon 97075-9974, Attn: Courtney Williams. Also, if your home needs insulation upgrades, an additional \$4000 is available at zero-interest.

Inspections:

EPUD will do a final inspection to ensure that the heat pump meets the required specifications and if needed, an inspection to ensure that any insulation upgrade has been satisfactorily performed.