ENERGY WISE

Heating/cooling options

For environmentally friendly heating and cooling, a heat pump is the natural choice. Quiet and efficient, heat pumps use the heat found naturally in the air. Plus, installing a heat pump may qualify you for rebates and reduced electric rates, making them an even greater value.

AIR SOURCE HEAT PUMP CENTRAL DUCTED

Why install an air source heat pump?

Together with your existing forced-air furnace, an air source heat pump (ASHP) combines a high-efficiency heat source with a high-efficiency central air conditioning system. It looks like a standard central air conditioner on legs, and maintenance costs are about the same.

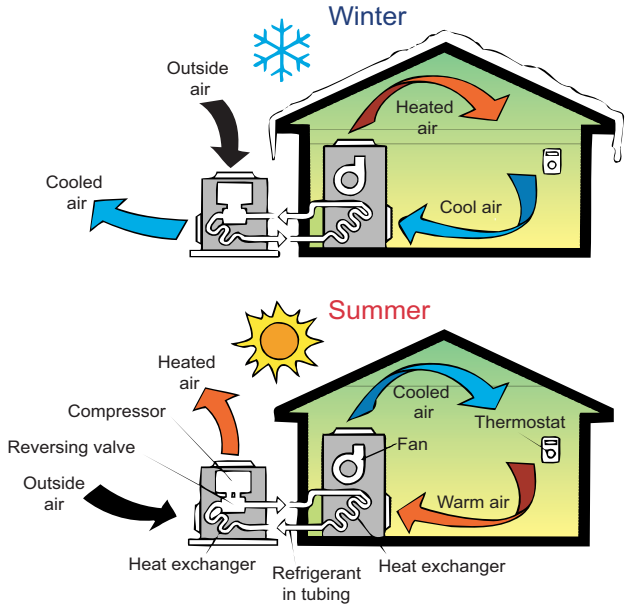
- 7.5¢/kWh – The reduced rate brings value per BTU equal to buying propane (LP gas) for 96¢ per gallon or natural gas for $1.04 per therm (based on a typical 200% efficiency heating mode at outdoor temperatures above 25° F and gas heating equipment at 95% efficiency).
- Radio-receiver control equipment provided by ECE.
- Provides up to half your heating and 100% of air conditioning.

Here's how it works

In the heating mode, air source heat pumps transfer heat from the outdoor air to the inside, reducing your reliance on propane, fuel oil or other fuel sources. When the outdoor temperature drops below a pre-set level, usually around 20-25 degrees Fahrenheit, your primary heating system takes over.

In the cooling mode, your air source heat pump works like a standard central air conditioning system, transferring heat to the outside.

A reduced-rate meter is installed to record the electric use of the heat pump when operating in both the heating and cooling mode. A radio receiver is installed and cycles the outdoor condenser unit on and off at approximately 15-minute intervals when in the air conditioning mode, and usually only during summer peak demand periods or system emergencies.



When in the heating mode, the outdoor condenser can be continuously controlled during peak demand periods, monthly billing peak periods, or system emergencies for up to a maximum of 12 hours per day, and 400 hours total per heating season.

East Central Energy
Your Touchstone Energy® Cooperative

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High-efficiency/quality installation rebate qualifications

The 2023 air source heat pump (ASHP) rebate program focuses on quality installation as well as high-efficient equipment.

- System must be central ducted with outdoor condenser unit and indoor evaporator coil designed by manufacturer to work together to operate at maximum efficiency.
- System must be installed between January 1 and December 31, 2024 within ECE service territory.
- A registered contractor must perform the installation and complete all required system sizing, testing and documentation. Rebate forms are available through your registered contractor.
- Call ECE or visit eastcentralenergy.com for a registered contractor list.

Rebates available for qualifying systems

- **System must meet SEER2 and HSPF2 minimum ratings. Contact us for details.**
- Rebates must be received by December 31, 2024.
- Rebates are awarded on a first-come basis and will be issued in the form of a check.
- Cycling ASHP system is encouraged, but not required, to receive rebate. Cycling of ASHP is required to receive reduced kWh rate.
- Limit one rebate per member account.

Please note:

- Winter peak control periods are often during outdoor temperature conditions below that which allow the heat pump to operate (approx. 20-25 degrees), thereby reducing the impact of winter control on actual hours of heat pump operation.
- Reduced rates do not reflect any variable wholesale power cost adjustment that may be required. Rates are subject to change.

CONTACT US

To save energy and money, call your ECE energy expert at 1.800.254.7944 or visit eastcentralenergy.com.

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