Air Source Heat Pumps

An efficient way to heat and cool your home

What is an Air Source Heat Pump?

An air source heat pump (ASHP) is a heating and cooling system. Instead of burning fuel, like oil or propane, it transfers heat between your home and the outside air using electricity.

An air source heat pump:

- Works in below-freezing temperatures
- Provides year-round comfort
- Lowers greenhouse gas emissions
- Replaces or supplements your current heating system

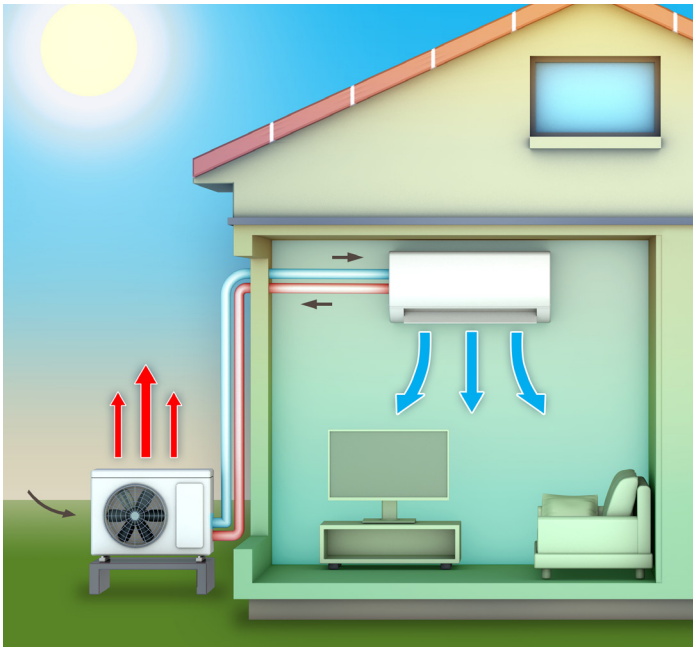
Make Your Home Heat Pump-Ready

To get the best results from your heat pump, your home needs to keep warm or cool air inside. That's where **air sealing and insulation** (weatherization) come in. A home that is properly air sealed and insulated:

- Helps your heat pump run more efficiently
- Maintains the temperature of your home
- Can significantly lower your energy bills

Did you know?

Today's cold climate heat pumps are **two to three times as efficient** as a boiler or furnace.



An air source heat pump (ASHP) is a heating and cooling system that transfers heat between the outside air and your home's interior. ASHPs use a refrigerant to absorb heat from outside air and transfer it indoors. In cooling mode, the process is reversed, moving heat from inside to outside.

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Myth Busters

Myth: Heat pumps don't work in cold climates.

Fact: Heat pumps rated for cold-climates are designed for winters in New England and work in temperatures as low as -15°F when properly installed by a technician.

Myth: Heat pumps only work in some homes.

Fact: There are both ducted and non-ducted heat pump systems allowing heat pumps to work in every home.

Myth: Heat pumps are too expensive.

Fact: Between robust rebates and 0% interest loans, many people can upgrade affordably.

Myth: Heat pumps require complicated maintenance.

Fact: Heat pumps often require less maintenance than oil furnaces. Maintenance is minimal: clean filters, keep outdoor units free of snow/debris, and schedule annual professional checks.

Myth: Heat pumps only heat your home.

Fact: On hot summer days, your heat pump can reverse and extract the warm air from inside and transfer it outside making for a cool environment indoors while using less energy than a traditional AC unit.

Mass Save® rebates and incentives are available. You may be eligible for:

- **Heat pump rebates up to $16,000**
- **0% financing**
- **No-cost air sealing**
- **75-100% off insulation**
- **No-cost Home Energy Assessment**

Get started.

Call 1-866-527-SAVE (7283) to schedule your **no-cost Home Energy Assessment.**

Already had a Home Energy Assessment and installed recommended air sealing and insulation? Visit **MassSave.com/Consultation** to schedule a no-cost virtual Decarbonization Consultation and speak with a technical specialist who will answer all your heat pump questions.

Visit MassSave.com/HeatPump for more information.

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