

A white ductless heat pump unit is mounted on a wall. The unit has a large circular fan grille on the left side and a white flexible duct on the right side. The unit is mounted on a metal bracket. The background shows a light-colored wall and a window frame.

User tips: Ductless heat pumps

Ductless air source heat pumps

Ductless heat pumps, commonly known as mini-splits, are a highly efficient heating and cooling solution that can keep Massachusetts residents comfortable year round. By transferring heat rather than creating it, they can save considerable energy compared to combustion heating systems.

A single-zone ductless heat pump consists of one outdoor unit paired with one indoor unit and is typically used to heat and cool one zone. Multi-zone heat pump systems feature an outdoor unit paired with a combination of indoor heads to create multiple indoor zones.

If you've recently invested in a ductless heat pump, or are considering it, we'd like to share tips on how you can save the most with your heat pump.

Get the most out of your heat pump

Ductless heat pumps can reduce your heating and cooling costs by up to 30%. Maximize their performance by following these simple steps:



Use your heat pump year round. High-efficiency heat pumps are the most energy efficient heating system, even on the coldest winter day.



Set your thermostat to a number that's comfortable to you and forget it. Heat pumps operate most efficiently when holding a steady temperature.



Keep your dust filters clean to ensure your unit runs as efficiently as possible. For details on how to take filters out, consult your user manual.



Keep doors open to rooms that don't have a unit to encourage heat circulation.



Keep your outdoor unit clear by trimming back any plants or bushes that are encroaching. Making sure the airflow is unrestricted around the outdoor unit will allow it to draw in air most effectively.



Have your system professionally serviced. To ensure peak performance, follow manufacturers' recommendations for professional service in addition to regular filter cleaning.

Integration with a pre-existing heating system

While high-efficiency heat pumps are capable of providing 100% of a home's heating needs, homeowners may opt to keep their existing heating system in place. In these cases, the operation of new heat pumps must be integrated with the existing system in order to qualify for rebates. Integrated controls help minimize the use of your existing system while maximizing the use of your heat pump to get maximum savings and comfort.



Reduce your carbon footprint

Proper use of an integrated control ensures that your heat pump will automatically be utilized for your home's main heating needs. This improves efficiency and means less money is spent on fossil fuels.



Switch over at preset temperatures.

To maximize your savings, the Sponsors recommend using a switchover temperature of 15°F or lower when configuring heat pumps to operate alongside existing propane heating systems and 30°F or lower when configuring heat pumps to operate alongside existing oil or natural gas heating systems.



Together, we make good happen for Massachusetts.

Your local electric and natural gas utilities and energy efficiency service provider are taking strides in energy efficiency: Berkshire Gas, Cape Light Compact, Eversource, Liberty, National Grid and Unitil. As one, we form Mass Save®, with the common goal of helping residents and businesses across Massachusetts save money and energy, leading our state to a clean and energy efficient future.

WE ARE MASS SAVE:

