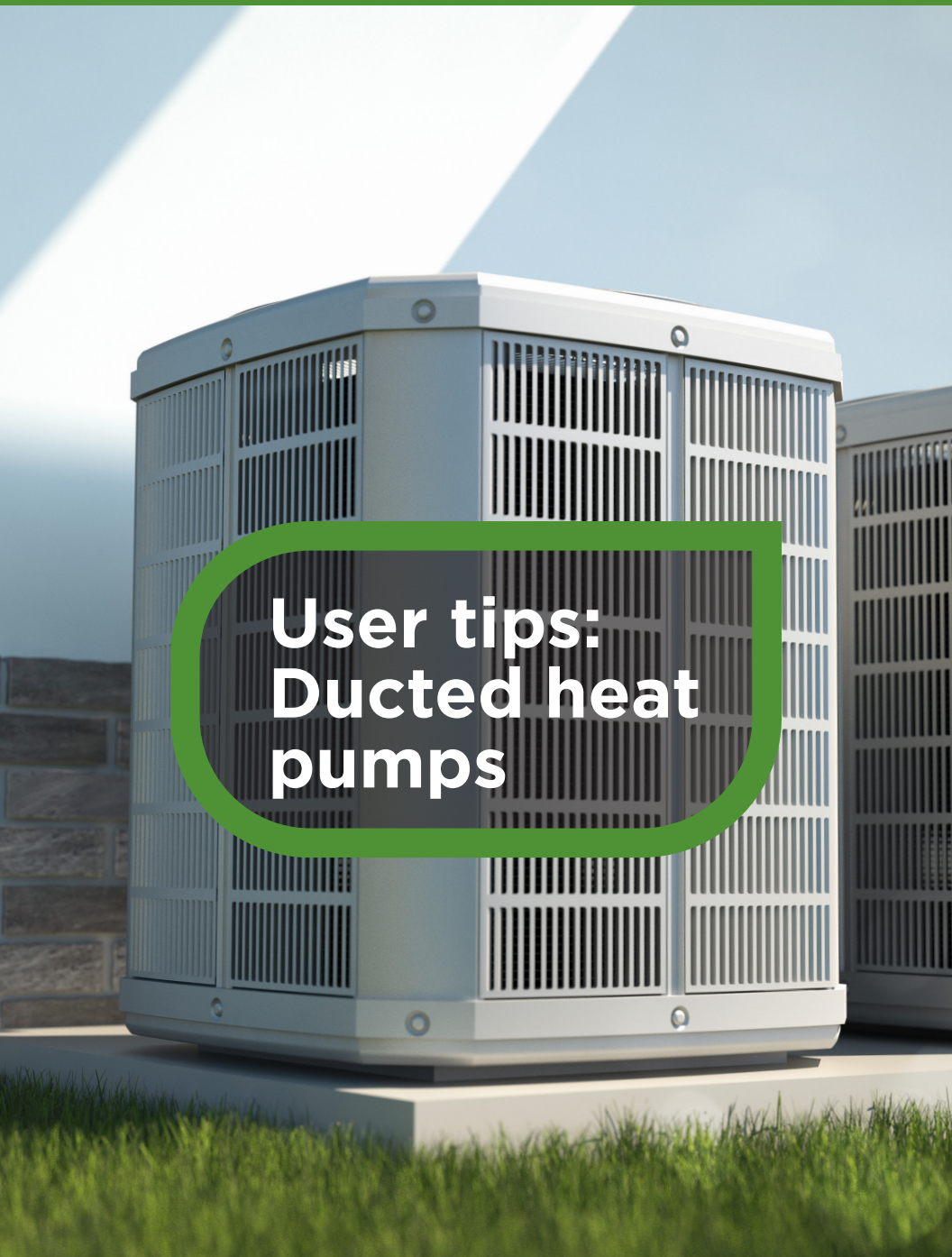
mass save



User tips: Ducted heat pumps

Ducted air source heat pumps

Ducted heat pumps are a highly efficient heating and cooling solution that can keep Massachusetts residents comfortable year round. These systems provide even, consistent comfort throughout the house and are ideal for homes that already have ducts or where the homeowner is planning to install ductwork.

Centrally-ducted heat pumps operate using the same type of duct system as a central air conditioner or furnace and are often referred to as central heat pumps. Compact-ducted heat pumps are an option that feature smaller indoor units, usually located in conspicuous areas, that serve two to four rooms.

If you've recently invested in a ducted 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

Ducted 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 filters clean to ensure your unit runs as efficiently as possible. For details on the recommended timeframe, consult your user manual.
- Insulate and seal all ductwork. This will help air flow more evenly throughout your home.
- 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 effectively.
- Have your system professionally serviced. To ensure peak performance, follow manufacturers' recommendations for professional service.

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.

mass save®
Savings through energy efficiency

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®:

BERKSHIRE GAS An AVANGRID Company | Cape Light Compact | EVERSOURCE | Liberty | nationalgrid | Unitil