

# Advanced Wood Heat



Many Vermonters heat their homes with wood. Around 1,900, or approximately 18%, of the region's homes currently use cord wood or wood pellet heating systems.



Wood is a local fuel source that supports the forestry economy. Approximately 80% of the land in the region is forested, representing a potentially significant renewable local energy resource.



Wood chip heating system at Weathersfield School.

Modern wood heating systems are much more efficient than old wood stoves. New wood stoves are rated up to 87% efficient. Pellet stoves produce less ash and have lower emissions.

## For more information:

- Efficiency Vermont provides information on modern, more efficient [wood heating options](#), including wood stoves, pellet stoves and pellet or wood chip boilers.
- Rebates of up to \$6,000 are available for qualifying new [central wood pellet furnaces or boilers](#) through Efficiency Vermont
- Rebates of up to \$600 are available for qualifying new [wood stoves or pellet stoves](#) through Efficiency Vermont
- The State of Vermont collects information and links to [additional rebates and incentives](#) as well as helpful [guides, health and safety information, and more](#)






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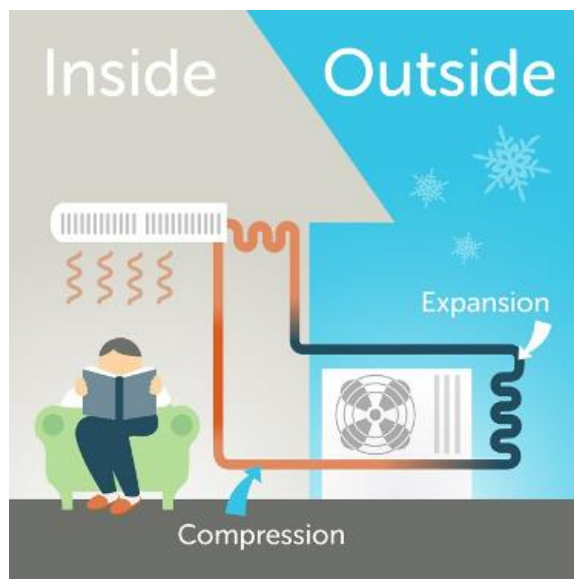
# Cold Climate Heat Pumps



Cold-climate heat pumps are also referred to as air-source heat pumps. As explained on the Efficiency Vermont website, “heat is collected from the exterior air, concentrated via an outdoor compressor, and distributed inside through an indoor room unit. Heat pumps require electricity to run but can deliver more energy than they use.” They also provide air conditioning during the warmer months. Air-source heat pumps fall into three general categories. Mini-splits or ductless heat pumps are a good option to retrofit existing houses where it is not feasible to tie in to existing duct work and can be used to supplement the existing heating system. Centrally-ducted and air-to-water units, on the other hand, integrate into your existing ductwork or radiator system.

## For more information:

-  Details about the different types of [heat pumps](#) are summarized at Efficiency Vermont’s website
-  Rebates of up to \$6,500 for [air-to-water heat pumps](#)
-  Rebates of up to \$4,900 for [centrally-ducted heat pumps](#)
-  Rebates for up to \$500 for [heat pump heating and cooling systems](#)
-  Additional rebates may be available through your power company. For example, an [additional \\$500 rebate](#) may be available through GMP, or [up to \\$800](#) from a municipal utility through the Vermont Public Power Supply Authority



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