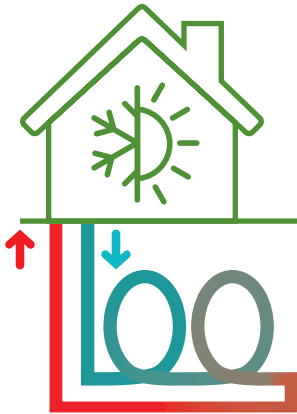


Geothermal heat pumps



Compared to standard heating and cooling equipment, geothermal heat pumps can use up to **65% less energy**.

How do they work?

The secret is a loop of pipes underground that transfers heat from the ground to your home.

The U.S. Environmental Protection Agency (EPA) calls geothermal heat pumps the most efficient, environmentally clean and cost-effective system for heating and cooling.



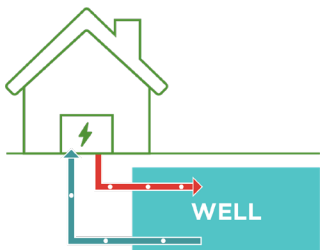
To heat, the loop collects natural heat from the earth and pumps it through the heat pump to warm your home.



To cool, the loop collects heat from your home and pumps it to the cooler earth below.

Types of loops

Open loop system:

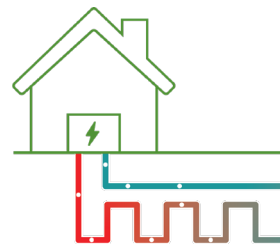


Closed loop systems:

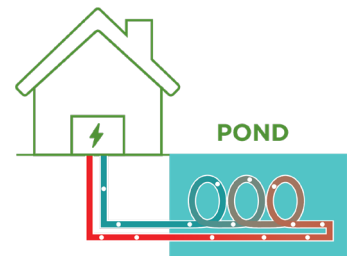
Horizontal Loop



Vertical Loop



Pond/Lake Loop



Start saving.

1. Work with a licensed HVAC professional to see if a geothermal heat pump is right for you.
2. Take advantage of incentives on qualified models from the Sponsors of Mass Save®.

Get started at [MassSave.com/Heating-and-Cooling/Electric](https://www.masssave.com/Heating-and-Cooling/Electric).

WE ARE MASS SAVE®:



EVERSOURCE

nationalgrid



05/05/21

Together, we make good happen for Massachusetts: Berkshire Gas, Cape Light Compact, Eversource, Liberty, National Grid and Unifil.

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.

