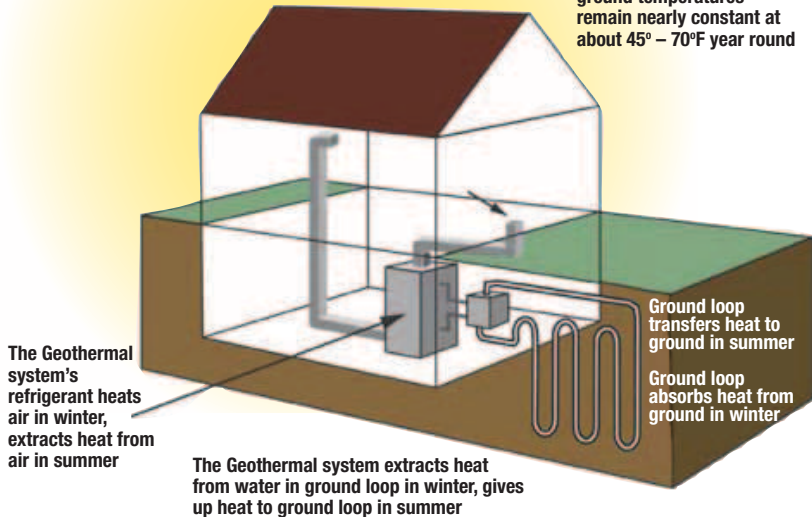


How Does Geothermal Heating and Cooling Work?

Geothermal heat pumps tap into the earth's ability to maintain nearly constant temperature, moving heat inside to warm you in the winter and back into the ground to cool you in the summer.

Air temperatures can vary widely during the course of the year but...

ground temperatures remain nearly constant at about 45° – 70°F year round



Depending on your building site, the loops can be installed either vertically (as shown) or in a horizontal orientation. With the majority of the heating and cooling capacity coming from the earth and pumped through these loops, the outside air temperature does not affect performance. So even in the cold of winter and peak summer heat, you can expect both comfort and savings on your energy bill.