

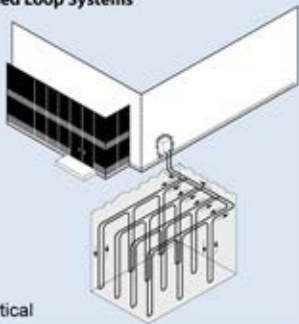
Types of Geothermal Heat Pump Systems

There are four basic configurations for geothermal heat pump ground loops. Three are "closed-loop systems," where a water and antifreeze solution is continually moved through pipes; the fourth is an "open-loop system," where groundwater or well water is used.

Open Loop Systems



Closed Loop Systems



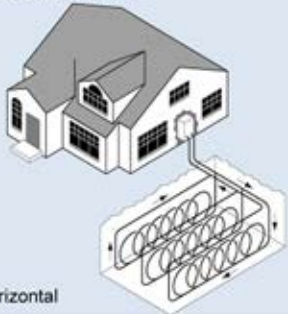
Vertical

Closed Loop Systems



Pond/Lake

Closed Loop Systems



Horizontal