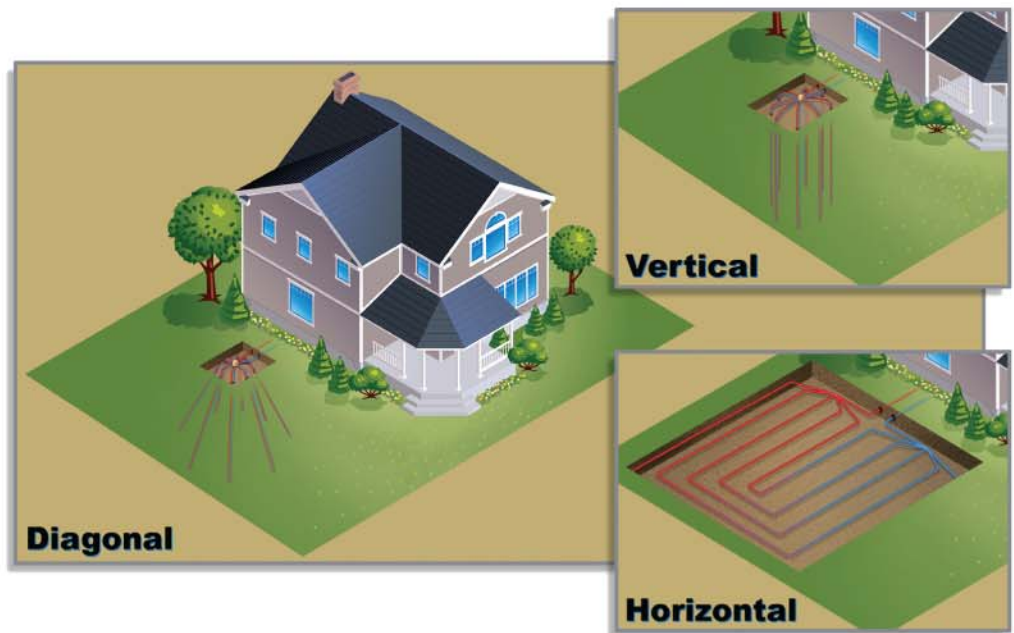


Earth Loop Options with EarthLinked® Systems



Engineered for efficiency and flexibility

The earth loops are like arteries in a human body. The loops are connected to the heat pump to circulate refrigerant and directly exchange thermal energy with the earth. EarthLinked ground loops have the smallest size and smallest footprint in the market. They have the highest temperature differential with the earth, which means they can use the least amount of earth contact to work effectively. The loops can be installed in three different configurations—horizontal, vertical or diagonal—for maximum design flexibility and cost-effectiveness.

The long-lasting earth loops are made of copper, a noble metal that exists naturally as an element in the earth. Copper resists corrosion because of the protective film that forms naturally on its surface. For the rare exceptional case where pH readings exceed safe levels, ETI offers its proprietary Cathodic Protection System that projects very low voltage covering the in-ground copper to preclude corrosion in harsh conditions. With installations dating back to 1980, ETI has never experienced a field failure of a production earth loop due to corrosion.



Fewer installation hassles

The earth loops are pre-assembled and pressure-tested for maximum quality, convenience, and easy installation. They use a much smaller bore hole and less excavation than water-based systems so smaller and more maneuverable drilling equipment can be used.

Depending upon underground conditions, loops using vertical or diagonal configurations are typically installed in less than two days, and horizontal loops can be installed in a single day.



EARTHLINKED
TECHNOLOGIES