



The Thermacouple™ Earth Energy System:

Is a major innovation in geothermal ground loop construction technology that works with all ground source heat pumps improving energy efficiency.

Dramatically reduces the cost of ground loop drilling and trenching operations, making ground source heat pumps more affordable for everyone.

Can be used to reduce the consumption of electrical energy required to heat and cool residential, commercial, and government buildings.

A single 300 foot system exchanges up to 5 tons of thermal energy with the Earth.

**Thermacouple™**  
Earth Energy System

**IS CUTTING THE COST**

**of Ground Source  
Heat Pump**

**Borehole Drilling by**

**2/3, and more!**

**Available in 4 sizes to meet any  
application in singular or  
multiple ground source heat  
pump installations:**

**Residential**

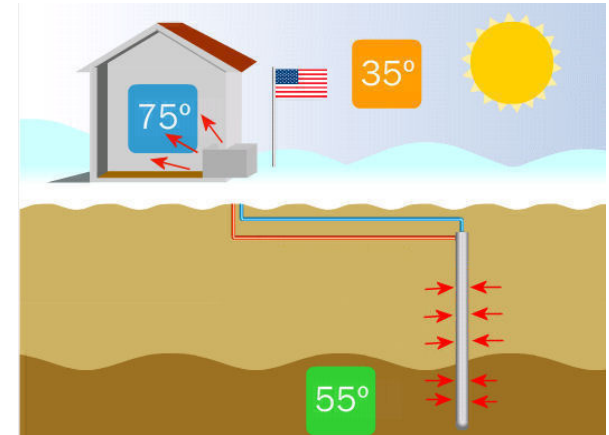
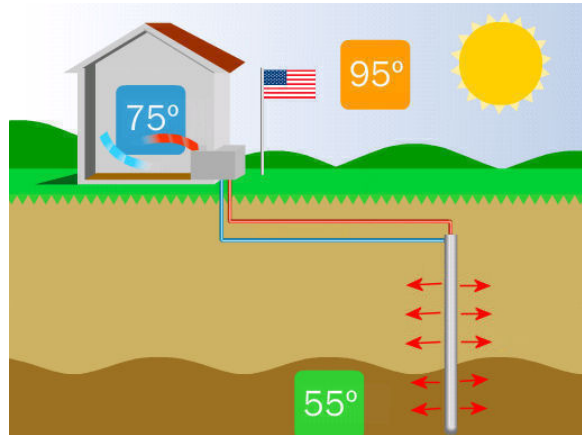
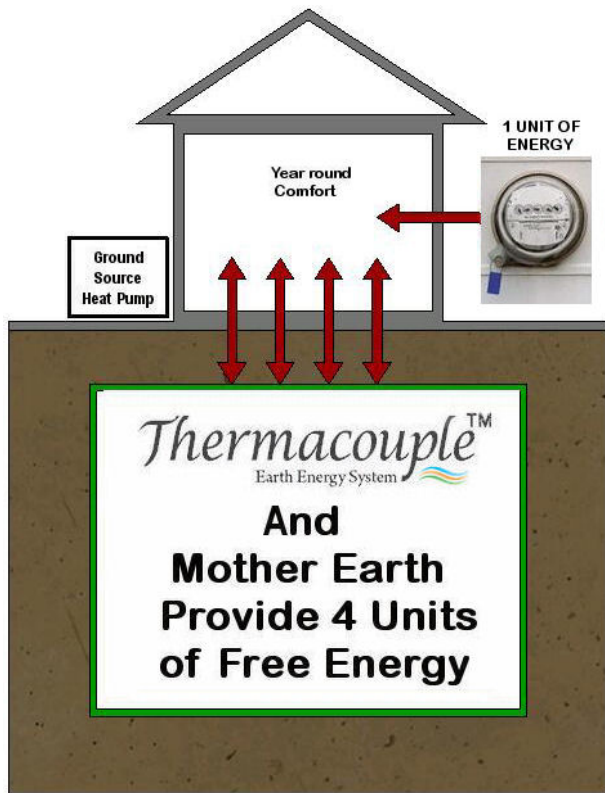
**Commercial**

**Government**



**Thermacouple™**  
Earth Energy System

**The Extraordinary Energy Solution.**



By virtue of its patent-protected design, the Thermacouple™ System has a high-performance heat transfer capacity that significantly increases the operating efficiency of any ground source heat pump to which it is connected.

The Thermacouple™ System is sold as a ground loop construction kit, and is easily installed in a six inch diameter vertical borehole.

Ground Loop Construction is as easy as A-B-C when using the Thermacouple™ System:

- (A) Drill a 6 inch borehole to a specified depth.
- (B) Install the Thermacouple™ Earth Energy System in the drilled borehole.
- (C) Connect the Thermacouple™ System to the ground source heat pump system, using supply and return piping.

The Thermacouple™ System is available now, and is shipping to residential and commercial sites around the world.

Ask a Ground Source Heat Pump contractor about Thermacouple™

[www.tcdrilling.com](http://www.tcdrilling.com)

Ph: 858-271-0099

**Thermacouple™**  
Earth Energy System

Is Making Heating and Air Conditioning more

**AFFORDABLE**

**For Everyone!**

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