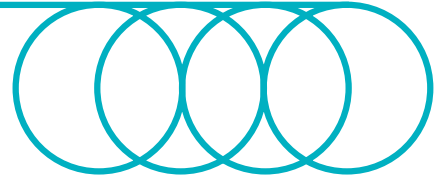




**GEOMax**<sup>TM</sup>

Geothermal  
HVAC Systems



BY EAGLE MOUNTAIN



## Geothermal systems bring sustainability, efficiency, and comfort to your home...

Eagle Mountain customizes each geothermal system, specifying the correct equipment, and providing authorized dealers with turn-key installation kits.

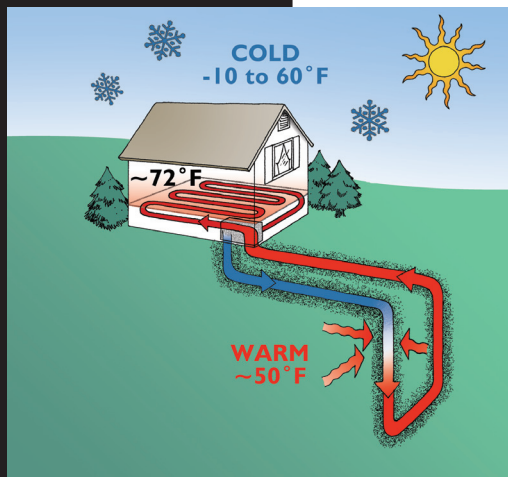
Geothermal systems include more than just a heat pump, and Eagle Mountain is an expert in system integration. Please allow our 30 years of experience to serve you.



## How Geothermal Works

Geothermal systems use a ground source heat pump to transfer heat energy between your home and the earth.

During winter months, the heat pump transfers heat from the earth to your home. The process is reversed during summer months, transferring heat from your home back to the earth.



The heat pump produces a portion of your domestic hot water during the cooling season at no additional cost.



# Geothermal is an investment

Geothermal systems offer an average 20% return on investment. Reduced energy consumption means smaller utility bills. Geothermal systems require little or no annual maintenance and are listed by the EPA as the most energy efficient, and cost effective HVAC system available today.

The US government currently supports geothermal installations with an uncapped 30% tax credit.

Fuel Source	Annual Costs
Geothermal	\$1,299
Natural Gas	\$2,876
Fuel Oil	\$3,246
Electric	\$3,423
Propane	\$4,531

\*Estimates for a 3,000 sf home in the Northeastern U.S.

## Design, Installation, and Support

Eagle Mountain designers customize each geothermal system based on detailed information provided by factory-trained installers. Dealers receive turn-key installation kits for even the most complicated projects.

Eagle Mountain technical advisors assist dealers with installation and customer support issues.



# Geothermal System Options



Component	Options
Ground Source Heat Pump	Forced Air, Hydronic, Hybrid Forced Air/Hydronic
Loop Field	Horizontal Slinky, Vertical Well, Pond Loop, Open Loop
Heat Delivery	Forced Air, Radiant Slab, Radiant Over Floor, and Radiant Thin Underlayment
Control System	Thermostat or ECO Energy Management System
Air Quality	Heat Recovery Ventilation (HRV), HEPA Filtration, Dehumidification
Domestic Hot Water	Geothermal Desuperheater, Solar Hydronic, Tankless Hot Water, High Efficiency Water Heater

## Authorized GEOMAX Dealer



Eagle Mountain is located at The Center for Green Technology in Bristol, NY.

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