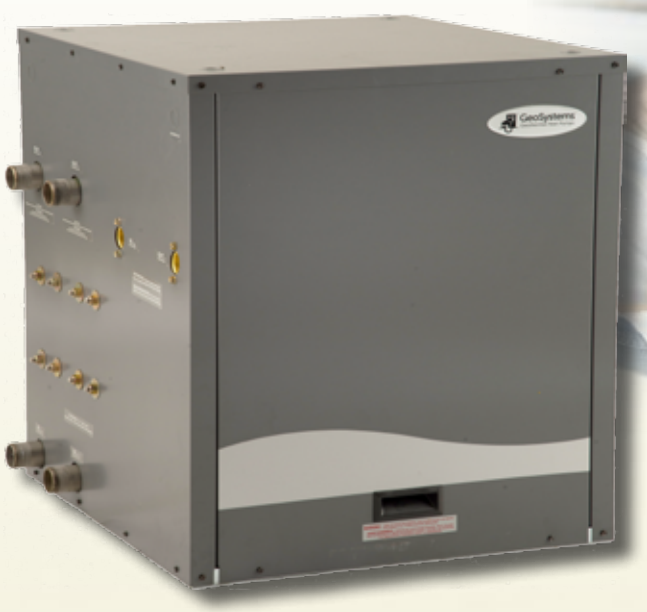


# GEOSOURCE

## GEOTHERMAL HEAT PUMPS

### 3 - 10 Ton Hydronic

**A GeoSource geothermal heat pump by Enertech** will supply you with all of your heating and cooling needs for a fraction of what you are paying for fossil fuels. You can lower your utility bills by as much as 70%! Also, you will be contributing to a greener and healthier environment because geothermal heating and cooling comes from energy that is stored in the ground. By installing this geothermal heat pump, you will have done the equivalent of planting 750 trees or removing two cars from the highway. You can save your money, energy, and help save the environment.

**Hydronic heating systems provide** comfortable, concentrated warmth where you want it without the air movement or noise of a conventional system. Our hydronic heat pumps supply heated or chillled water for use in a wide range of heating and cooling applications such as radiant floor heating or places where zoned temperature or humidity controls are needed.

**Energy Star Tier 3 performers.** Take advantage of the 30% federal tax credit as well as local, state, and utility incentives that are available! Enertech heat pumps are proudly manufactured in the United States and backed by an ISO 9001 based quality management system, so you can be sure that you are getting a top quality, reliable system that will stand the test of time.

ENERGY STAR PARTNER

**Our ENERGY STAR® qualified heat pumps qualify for the 30% federal tax credit.**

*Check www.gogogeo.com for current list

**A Better Way to HEAT & COOL YOUR** GEOSOURCE™

# HYDRONIC APPLICATIONS »

## Radiant Floor Heating

The most popular form of hydronic heating, this method circulates hot water underneath the floor to maintain a comfortable temperature and eliminates drafts. Radiant heating can achieve very high effiencies by consistently supplying a large mass with low temperature heat.

*Applications:*

- Family room
- Whole house
- Garage/ Workshop
- Church
- Large office
- Commercial warehouse

## Fan Coils

Fan coils coupled to the GeoSource heat pumps provide conditioned air to one or more comfort zones. Sizing is based on air temperature and flow rate. Used for zoned temperature and humidity control.

*Applications:*

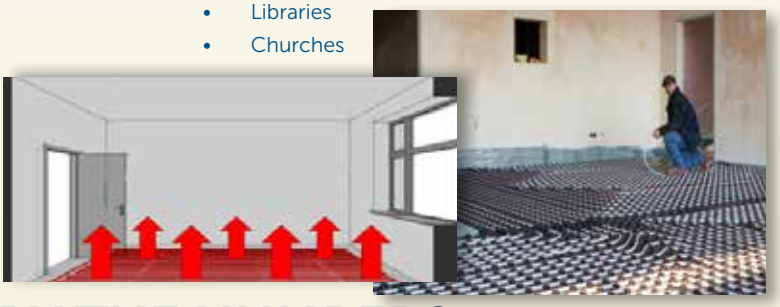
- Large homes
- Office spaces
- Schools
- Community buildings
- Libraries
- Churches

## Other Applications

Usage is based on temperature, flow rate, and heat dissipation.

*Applications:*

- Swimming pools
- Hot tubs
- Tank heating
- Baseboard/finned tube heating



- Lower bills by up to 70%
- Qualifies for the 30% federal tax credit
- Payback in as little as 5 years

# HYDRONIC BY THE NUMBERS »

(Tested in accordance with ASHRAE/AHRI/ISO Standard 13256-2)

| Ground Water | | Heating (50°F EWT) | | Cooling (59°F EWT) | |
|---|---|---|---|---|---|
| Models | Entering GPM | 104°F Hyd EWT | | 53.6°F Hyd EWT | |
| | | BTU/hr | COP | BTU/hr | EER |
| RGS- W036 | 9 | 35,500 | 3.9 | 37,300 | 23.5 |
| RGS-W048 | 12 | 59,600 | 4.3 | 60,100 | 25.5 |
| RGS-W060 | 15 | 64,900 | 4.0 | 69,000 | 24.0 |
| RGS-W072 | 18 | 81,000 | 4.3 | 78,300 | 21.1 |
| RGS-W084 | 20 | 89,000 | 4.1 | 88,700 | 20.8 |
| RGS-W120 | 30 | 118,100 | 3.4 | 110,800 | 21.0 |
| | | 59,000 | 3.6 | 65,800 | 22.0 |

| Ground Loop | | Heating (32°F EWT) | | Cooling (77°F EWT) | |
|---|---|---|---|---|---|
| Models | Entering GPM | 104°F Hyd EWT | | 53.6°F Hyd EWT | |
| | | BTU/hr | COP | BTU/hr | EER |
| RGS- W036 | 9 | 29,300 | 3.2 | 35,200 | 18.2 |
| RGS-W048 | 12 | 47,900 | 3.4 | 55,100 | 18.5 |
| RGS-W060 | 15 | 53,000 | 3.2 | 64,500 | 18.0 |
| RGS-W072 | 18 | 65,500 | 3.4 | 72,000 | 17.7 |
| RGS-W084 | 20 | 74,200 | 3.2 | 84,900 | 16.1 |
| RGS-W120 | 30 | 100,100 | 2.8 | 105,600 | 14.5 |
| | | 57,500 | 3.4 | 63,500 | 19.8 |

180-00045 | REV 20DEC12C | 

*Technical data subject to change. Due to continuous product enhancements, please refer to www.gogogeo.com for the most current performance data.*

www.gogogeo.com

ENERTECH® Geothermal Made Better®