



GEOSOURCE

GEO THERMAL HEAT PUMPS

3 - 10 Ton Hydronic

A **GeoSource geothermal heat pump by GeoSystems®** 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 chilled 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! GeoSystems® 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.



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 



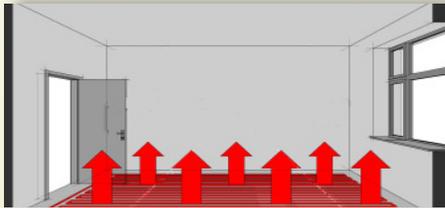
HYDRONIC APPLICATIONS »

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 efficiencies 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	36,500	3.9	37,900	23.5
RGS-W048	12	60,000	4.3	61,000	25.5
RGS-W060	15	65,100	4.0	70,100	24.0
RGS-W072	18	84,000	4.3	86,000	24.2
RGS-W078	18	87,000	4.4	89,000	22.2
RGS-W084	20	89,000	4.1	91,000	21.1
RGS-W120	30	120,100	3.5	110,800	21.0
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	29,700	3.2	35,200	18.4
RGS-W048	12	48,500	3.4	55,100	18.5
RGS-W060	15	53,800	3.2	64,500	18.2
RGS-W072	18	67,000	3.4	72,000	18.1
RGS-W078	18	70,900	3.7	76,000	17.8
RGS-W084	20	75,400	3.2	84,900	16.2
RGS-W120	30	101,600	3.0	107,200	14.8

180-00045 | Rev. A | GeoSystems®, LLC



Technical data subject to change. Due to continuous product enhancements, please refer to www.gogogeo.com or call 1-800-432-6627 for the most current performance data.

800.432.6627 | www.gogogeo.com

