

REVOLUTION[®]



Water-to-Water Unit

Single Stage



Pure and Simple[™]

Hydron Module® will **revolutionize** the way you think about heating & cooling.



Water-to-Water Unit

Hydron Module® single-stage water-to-water models deliver **maximum efficiency and maximum comfort** in a compact package. Plus, they're built to the high standards of quality and craftsmanship for which Hydron Module is known. It is the ultimate solution for **increased efficiency, reduced heating and cooling costs**, unsurpassed comfort and exceptional reliability.

The Revolution series Water-to-Water geothermal **heating and cooling** system is able to deliver hydronic heat through radiant floor systems or forced-air fans. Radiant floor systems deliver heating or cooling from the floor up, emanating a **consistent room temperature** with no moving air. This option eliminates the less comfortable aspects of forced air systems. This system can also effectively be used to assist with domestic water heating, pool conditioning, as well as ice and snow melt, where allowed.

Owning a **Hydron Module** is even more affordable thanks to a **30% U.S. tax credit**. Other state/provincial or local incentives may exist in your area.



Rooted in a heritage of craftsmanship; driven by the pursuit of perfection.
Hydron Module: Pure and Simple

The Revolution Series has **everything** you would expect from a **quality** handcrafted Hydron Module geothermal system. What will **surprise** you is what it *doesn't* offer.

No More High Operational Costs

Hydron Module Revolution geothermal systems elevate heating and cooling to a new standard. These systems are up to **500% efficient**. Compare that to the most efficient fossil fuel systems, which are a mere 95% efficient. Because this system utilizes the free energy stored in the ground, you can expect to **save up to 70%** off heating and cooling costs versus conventional systems.

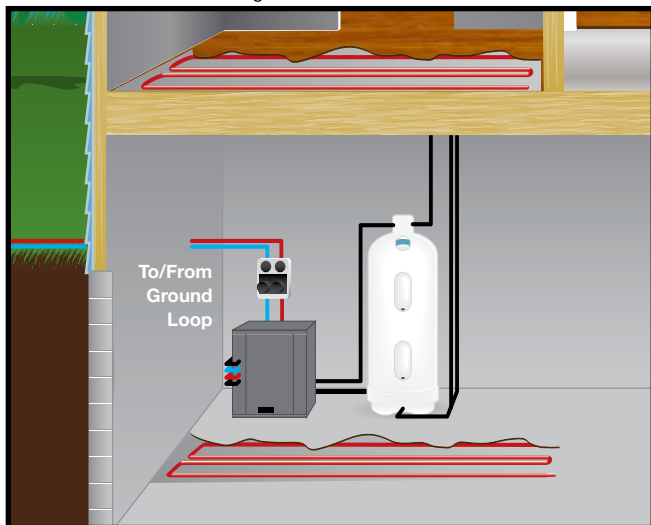
No Imposing Noise Level

Our exclusive design and advanced craftsmanship provide isolation between the heat pump's compressor and the cabinet resulting in **extremely quiet operation**, making it one of the quietest geothermal heat pumps available.

No Comparison

Hydron Module selects only **the best components** for unsurpassed quality that produces extremely high cooling efficiency and unbeatable heating capacity and performance compared to other geothermal heat pumps.

Common Water-to-Water geothermal installation.



No Risk

Hydron Module geothermal systems burn **no fossil fuels**, so there is no combustion, flames, fumes or risk of carbon monoxide poisoning.

No Negative Environmental Impact

Releases no environmentally harmful emissions, reducing your carbon footprint. In fact, geothermal systems are **recognized by the U.S. EPA** as the most energy efficient heating and cooling systems available.

No Worries

Hydron Module boasts **the best warranty** in the industry. In fact, Hydron Module is the only geothermal heat pump available with an available Lifetime compressor warranty*. **Pure and simple.**

Unit Performance

Model	Capacity	Ground Loop Heat Pump			
		Cooling		Heating	
		BTUH	EER	BTUH	COP
Single Compressor Water-to-Water Models					
HWS036	Full Load	34,700	18.2	26,600	3.1
HWS048	Full Load	52,800	17.7	42,100	3.1
HWS060	Full Load	62,700	18.0	53,000	3.1
HWS072	Full Load	73,300	17.7	63,100	3.4
HWS084	Full Load	83,600	16.1	74,200	3.1
Dual Compressor Water-to-Water Model					
HWD120	Full Load	104,600	14.5	100,100	2.8
	Part Load	63,500	19.8	57,500	3.4

Notes:

For the source water loop, open loop models use 1" fittings
 Rated in accordance with ISO Standard 13256-2 which includes Pump Penalties.
 Heating capacities based on 32°F EST & 104°F ELT.
 Cooling capacities based on 77°F EST & 53.6°F ELT.
 Entering load temperature over 120°F heating and under 45°F Cooling is not permissible.
 Floor heating is most generally designed for 85°F entering load temperature.

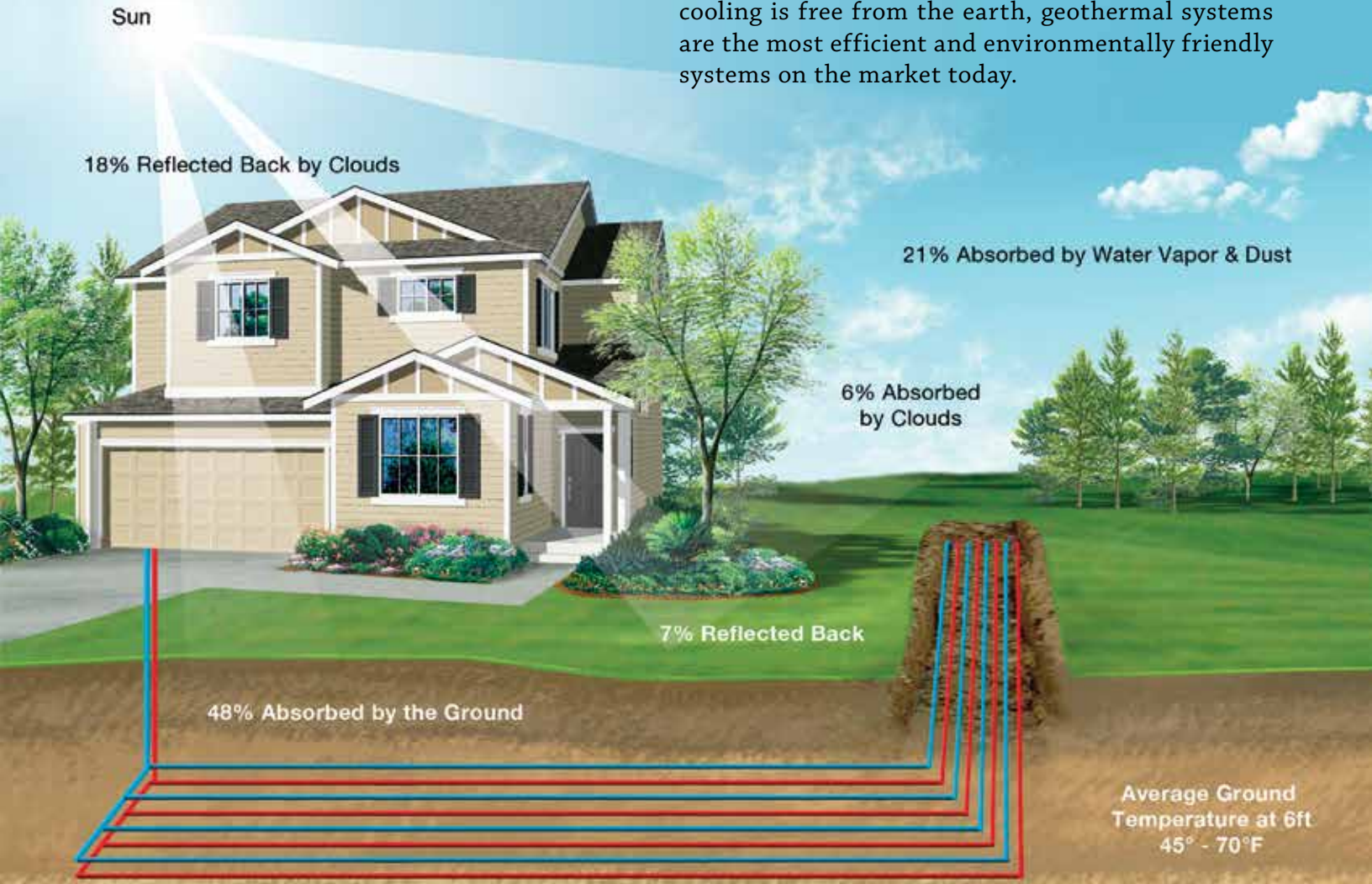
*When registered within 60 days of installation. Visit www.hydronmodule.com or ask your Hydron Module dealer for details.

How Geothermal Works

The earth's natural heat is collected in the winter by a series of pipes called a loop system. Fluid circulating in the loop system carries this heat to the home, where it is compressed and released to raise the inside temperature.

In the summer, this process is reversed in order to cool the home. Heat is drawn from the home, rejected to the loop and absorbed by the earth. The result is a comfortable home all year round.

Since most of the energy used for heating and cooling is free from the earth, geothermal systems are the most efficient and environmentally friendly systems on the market today.



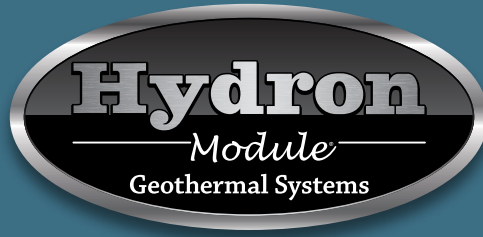
Select & Compare

There are many options when selecting a heating and cooling system. This comparison table will help simplify the features of the various Hydron Module model offerings and discern them versus conventional systems. Your qualified Hydron Module dealer will assist you in determining which application provides the best solution for your specific needs.

Comparison Chart Key:

- ✓ = Applies
- 1 = Can be used with both Forced Air and Radiant Floor Heating in a single unit
- 2 = Applies to some units/applications

	Geothermal Systems		Conventional Furnace		Conventional A/C	
	Packaged	Hydronic	Combination	Split		
Heating	✓	✓	✓	✓	✓	
Air Conditioning	✓	✓	✓	✓	✓	✓
Forced Air	✓	✓	✓	1	✓	✓
Zoning Capability	✓	✓	✓	✓	✓	✓
Radiant Floor Heating		✓	1			
Domestic Hot Water	✓	✓	✓	✓	✓	
New Construction	✓	✓	✓	✓	✓	✓
Existing Home Install	2	2	2	✓	✓	2
ENERGY STAR® Rated	✓	✓	✓	✓	2	2
Environmentally Conscious	✓	✓	✓	✓		



See our full line of geothermal products at
www.hydronmodule.com

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Proudly built in Mitchell, SD by



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