

COLD/CLIMATETM Series



Vertical Packaged Unit

Two Stage



Pure and SimpleTM

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



Vertical Packaged Unit

Harsh winter weather can put a strain on home heating systems. That's where the purpose-built Cold Climate™ series vertical packaged system performs best. Built to the *high standards* of quality and craftsmanship made famous by Hydron Module® geothermal systems, it is the *ultimate solution* for increased efficiency, reduced heating and cooling costs, unsurpassed comfort and exceptional reliability.

Cold Climate models feature high heating capacities that provide superior performance in extreme cold, without the need for supplemental heat sources. They also offer *outstanding humidity control* for optimal summer comfort. Extraordinary heating and cooling in a single unit—that's the new *Hydron Module Cold Climate* series.

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 Cold Climate 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

Cold Climate series geothermal systems were developed specifically for heating dominant climates. Their **high heating capacities** mean that, even in extreme cold, they perform well without additional, supplemental heat sources, resulting in lower utility bills. These systems are up to **500% efficient**. Compare that to the most efficient fossil fuel systems, which are a mere 95% efficient.

No More Cold, Clammy Air

Year-round comfort is standard with Cold Climate models. Thanks to TruBalance™ technology, the unit provides **outstanding humidity control** during the summer months to ensure optimum indoor comfort.

No Imposing Noise Level

Our exclusive design and advanced craftsmanship provide **isolation between the heat pump compressor and the cabinet**, resulting in extremely quiet operation.

No Risk

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

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.

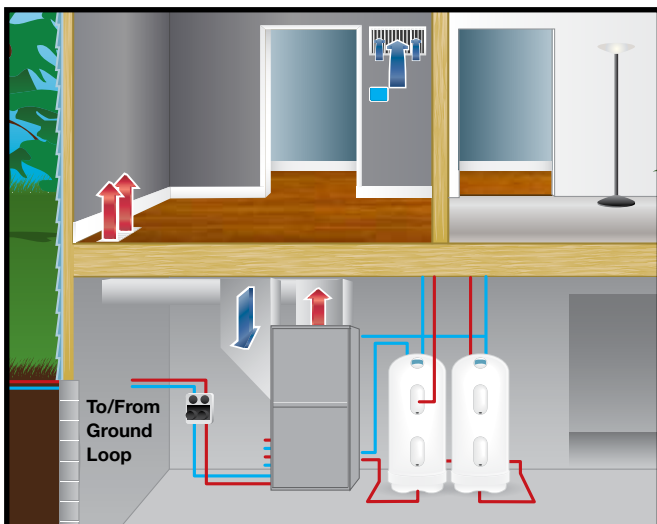
No Negative Environmental Impact

The Revolution Series 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 geothermal industry. In fact, Hydron Module is the only geothermal heat pump with an available Lifetime compressor warranty*. **Pure and Simple.**

Common geothermal installation shown with optional preheat tank



Unit Performance (Two-Stage)

Model	Capacity	Cooling		Heating	
		Btu/hr	EER	Btu/hr	COP
HVC036	Full Load	34,700	21.5	37,200	3.6
	Part Load	–	–	29,900	3.9
HVC048	Full Load	46,800	22.0	43,300	3.4
	Part Load	–	–	33,800	3.8
HVC060	Full Load	51,100	19.6	52,500	3.5
	Part Load	–	–	43,000	3.7

Notes:

Rated in accordance with AHRI/ISO standard 13256-1, which includes pump penalties. Heating capacities based on 68.0°F DB, 59.0°F WB entering air temperature. Cooling capacities based on 80.6° F DB, 66.2°F WB entering air temperature.

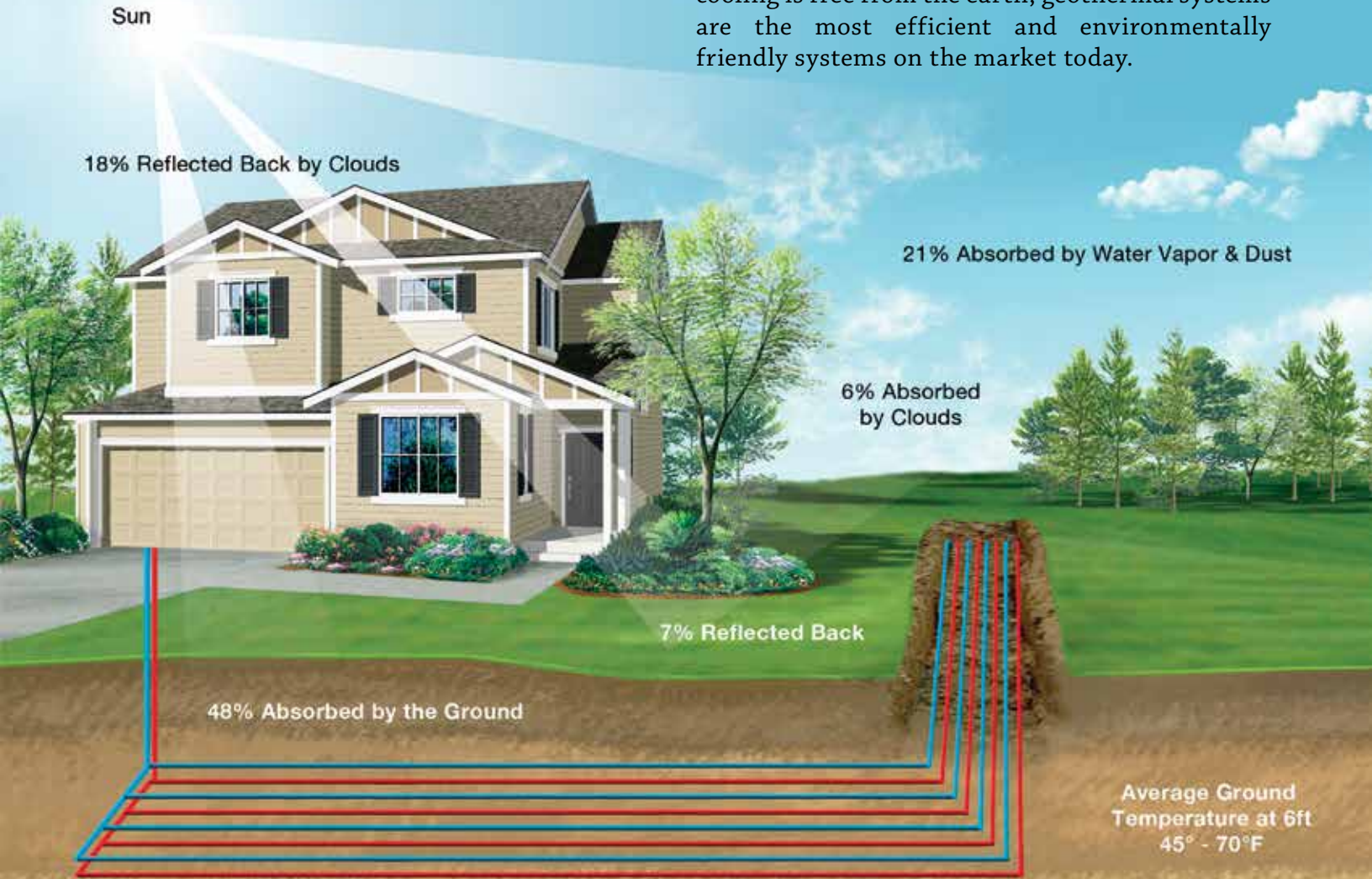
*When registered within 60 days of installation. Visit www.hydronmodule.com or ask your Hydron Module dealer for details.

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.



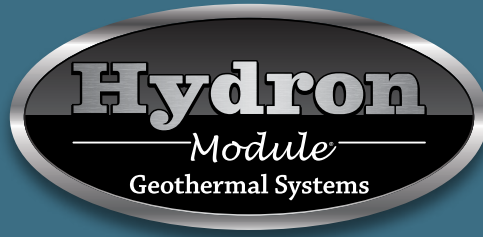
Select & Compare

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 Packaged	Hydronic	Combination	Conventional Split System	Conventional Furnace	Conventional A/C
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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