



Multi-Positional Vertical Packaged  
2-Stage Geothermal System

A close-up photograph of a green grass blade with several clear water droplets on its surface, set against a blurred green background. This image occupies the bottom half of the page.

**REVOLUTION<sup>2</sup>**

Pure and Simple™

# Hydron Module® Geothermal Systems Heating and Cooling...Transformed.



REVOLUTION<sup>2</sup>

## Multi-Positional Vertical Packaged System

The all-new Hydron Module Vertical Packaged system is geothermal that has advanced to meet your changing needs. Each unit is built to the high standards of *quality and craftsmanship* that you expect from Hydron Module. This premier system is the *ultimate solution* for *increased efficiency, unsurpassed comfort, and exceptional reliability*. We've transformed the concept of geothermal using state-of-the-art, innovative technology to bring you a heating and cooling system that's evolved to perfection.

Hydron Vertical Packaged systems provide forced air heating and cooling like most conventional systems – but the similarities end there. Hydron Module has utilized the most advanced geothermal technology, resulting in a heat pump that is superbly efficient, exceptionally reliable, and *so quiet you may not even realize it's running*. Change the way you think about comfort with a Hydron Module Geothermal Heat Pump.

Model	Capacity	Cooling		Heating	
		BTU/H	EER	BTU/H	COP
YT024	Full Load	27,100	19.9	19,000	4.3
	Part Load	21,400	28.2	15,200	4.8
YT036	Full Load	41,200	20.9	29,100	4.5
	Part Load	31,500	31.3	23,300	5.1
YT048	Full Load	53,300	20.2	39,900	4.3
	Part Load	42,600	29.6	32,000	4.9
YT060	Full Load	64,300	19.3	49,200	4.1
	Part Load	50,000	28.0	37,700	4.6
YT072	Full Load	71,900	18.0	56,200	3.8
	Part Load	58,500	24.8	45,800	4.4

**Notes:**  
 Certified in accordance with 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.  
 Entering water temperatures Full Load: 32°F heating / 77°F cooling.  
 Entering water temperatures Part Load: 41°F heating / 68°F cooling.

## Best Geothermal Warranty

Hydron Module offers **the best standard geothermal warranty – pure and simple.**

Additional warranty incentives are



available with the Option 18 Warranty, which covers a one-time replacement for both the compressor

and all-aluminum microchannel air coil up to 18 years. Ask your Hydron Module installer for more details and options or visit [hydronmodule.com](http://hydronmodule.com).

## Operational Cost Savings

By using the free energy stored in the ground, Hydron Module geothermal systems are **up to 500% efficient**, saving you up to 70% on heating and cooling costs versus conventional systems.

## Whisper Quiet

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.

## Free Hot Water

Hot water assist is standard with all Hydron Module units. This allows the capture of free, unused heat, typically **cutting hot water costs by 25% - 40%.**

## Unmatched Quality

Hydron Module selects only the **best components** for unsurpassed quality.

Our all-aluminum microchannel air coil eliminates the potential for corrosion while delivering **unsurpassed comfort and efficiencies.**

## Environmentally Friendly

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

## Safe and Secure

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

## Maximum Efficiency

Hydron Module vertical packaged systems utilize **innovative internal components to help maximize unit efficiency.** An all-aluminum microchannel air coil, ECM blower motor, and foam enclosed air coil work together to achieve superior performance and operational cost savings.

## Peace and Comfort

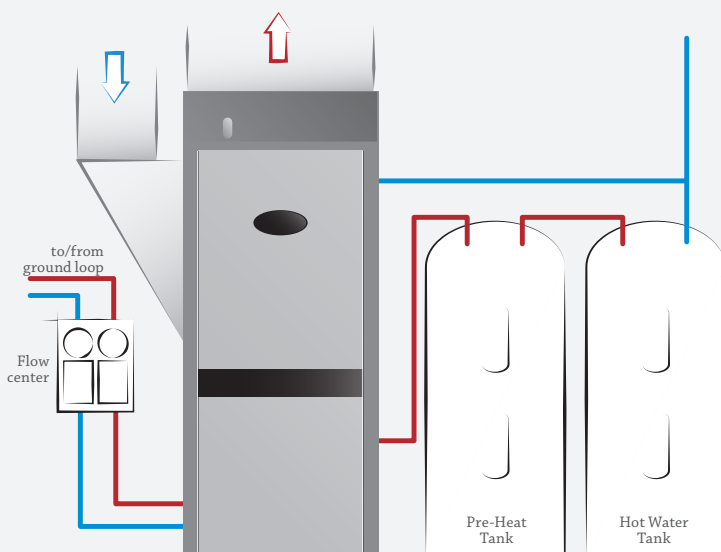
Closed-cell foam insulation is used throughout the cabinet to **enhance the already quiet operation** of a Hydron Module geothermal system.

## Compelling Incentives



Meets ENERGY STAR® requirements for efficiency, qualifying it for the United States 30% federal tax credit and other state incentives, or in Canada, provincial incentives. Ask your local dealer or utility about incentives in your area or visit [www.dsireusa.org](http://www.dsireusa.org).

## Heating and Cooling Cycles



During the heating cycle, the fluid circulates through the loop extracting heat from the ground. The heat energy is transferred to the geothermal unit. The unit compresses the extracted heat to a high temperature and delivers it to your home through a normal duct system or radiant heat system.

For cooling, the process is simply reversed. Because the earth is much cooler than the air temperatures on a hot day, the geothermal system removes heat from the home and deposits it into the ground. The fluid is cooled by the ground temperatures and returned to the unit for cooling your home.



See our full line of geothermal products at  
**[www.hydronmodule.com](http://www.hydronmodule.com)**  
[info@enertechgeo.com](mailto:info@enertechgeo.com)



*Hydron Module geothermal systems are manufactured by Enertech Global and proudly built in the Heart of America – Mitchell, South Dakota. Enertech Global systems are built with stringent quality control standards and the most comprehensive testing within the geothermal heating and cooling industry.*



*Product specifications reflect available information at time of printing. Design and specifications may change without notice.*