

Water-to-Water

2-Stage Geothermal System



Pure and Simple™

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

Hydron
MODULE®
BY ENERTECH

REVOLUTION®

As seen on
This Old House®

Two-Stage Water-to-Water System

The **premium** Revolution® Series is built upon the Hydron Module® heritage of **superb craftsmanship** with the highest **quality** materials and unmatched attention to detail. It is the **ultimate solution** for increased efficiency, reduced heating and cooling costs, unsurpassed comfort, and increased reliability, packaged in a dramatically detailed yet functional cabinet. One look at the **extraordinary construction** assures that this geothermal system **truly is in a class by itself**.

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 system can also effectively be used to assist with domestic water heating, pool conditioning, as well as ice and snow melt.

Model	Capacity	Cooling		Heating	
		BTU/H	EER	BTU/H	COP
WT036	Full Load	41,200	15.7	36,700	3.0
	Part Load	32,100	20.2	28,800	3.1
WT048	Full Load	49,400	15.1	44,100	3.0
	Part Load	38,800	19.2	35,700	3.1
WT060	Full Load	57,900	15.8	52,400	3.1
	Part Load	45,800	19.2	44,300	3.2

Notes:

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.

Notice:

Model 092 and 120 do not meet ENERGY STAR Tier 3 requirements

www.hydronmodule.com

The Revolution Series has everything you would expect from a quality handcrafted Hydron Module Geothermal System..
What will surprise you is how much *more* it offers.

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.

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.

Free Hot Water

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

Peace and Comfort

Closed-cell foam insulation is used throughout the cabinet to *enhance the already quiet operation* of a Hydron Module geothermal system, and improve air quality further.

Safe and Secure

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

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.

Environmentally Friendly

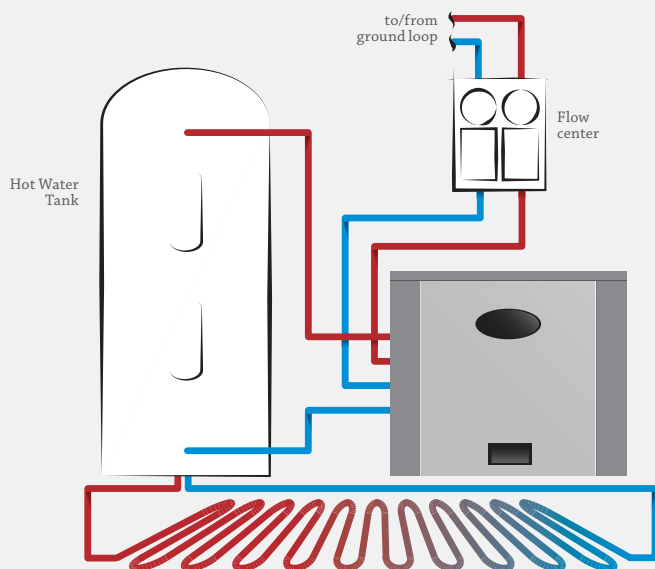
Releases no environmentally harmful emissions, reducing your carbon footprint. In fact, geothermal systems are recognized by the U.S. EPA and Natural Resources Canada as the *most energy efficient heating and cooling systems* available.

Compelling Incentives

Meets ENERGY STAR® requirements for efficiency, qualifying it for the United States 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.



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 radiant heat system or by a duct system when paired with an air handler.

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

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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.



Enertech Global is continually working to improve its products. As a result, the design, specifications, and general information of each product may change without notice and may not be as described herein. For the most up-to-date information, please visit our website, or contact our Customer Relations department at customerrelations@enertechusa.com. Statements and other information contained herein are not express warranties and do not form the basis of any bargain between the parties, but are merely Enertech Global's opinion or commendation of its products.

