

Outdoor Split

Two-Stage Geothermal System

REVOLUTION[®]

Pure and Simple[™]

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

Hydron
MODULE
BY ENERTECH

REVOLUTION®



Outdoor Split System

Wishing for **higher efficiency** out of your existing conventional furnace or air conditioner? Look no further than a Hydron Module® geothermal outdoor split system. In this application, a geothermal system can be **added to your existing furnace or air conditioner**. The Hydron Module geothermal system provides the **initial stages of heating** for the home (typically over 90% of heating requirements) and **all of the air conditioning**. In very cold temperatures, the existing furnace supplements the geothermal unit, essentially **creating a hybrid system**. In some installations the outdoor split system will not completely eliminate the need for fossil fuels such as natural gas, propane, or fuel oil, however it will **reduce your carbon footprint** through reduced fossil fuel usage, and **decrease your monthly utility bills** – all with a lower up-front cost versus a complete geothermal package system. Purely practical, Hydron is simply an efficient and economical choice.

Unit Performance

Model	Capacity	Cooling		Heating	
		BTU/H	EER	BTU/H	COP
RT024	Full Load	24,600	15.8	18,000	3.3
	Part Load	19,600	20.3	14,800	3.8
RT036	Full Load	35,500	16.0	27,400	3.7
	Part Load	27,600	24.5	21,800	4.2
RT048	Full Load	50,700	18.0	34,200	3.7
	Part Load	39,000	25.4	28,200	4.2
RT060	Full Load	61,500	17.2	45,600	3.5
	Part Load	47,900	24.1	37,000	4.1

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. Performance Data with company matched air handlers and ECM motor. Does not apply to "A" coil matches.

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 the compressor up to 18 years. Ask your Hydron Module installer for more details and options or visit hydronmodule.com.

Unit Flexibility

The Revolution Series outdoor split system is **ideal for both new construction and for installation in existing homes.**

With its compact size, the Split can be installed where space is tight, and can be used in many cases with an existing air handler or furnace, and its existing ductwork.

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.

Compelling Incentives

The system 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.

Curb Appeal

The **compact cabinet** has a modern, yet unobtrusive design to help blend in to

most any outdoor setting. **UV paint** helps ensure the unit maintains its good looks for years and years of heating and cooling.

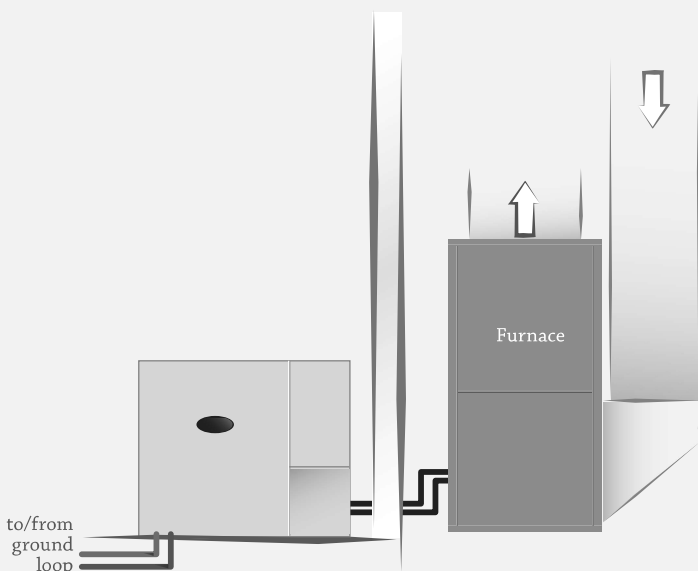
Peace and Comfort

Unlike traditional outdoor heating and cooling equipment, the Hydron Module outdoor split uses no blower fan, resulting in **extremely quiet operation**, making it one of the quietest geothermal heat pumps available.

Environmentally Friendly

This system 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.

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.

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.



Product specifications reflect available information at time of printing. Design, general information, and specifications within this brochure may change without notice. For the most up-to-date information, visit our website www.hydronmodule.com