



Outdoor Split
Two-Stage Geothermal System

The Revolution logo features a stylized blue and green circular emblem to the left of the word "REVOLUTION" in a white, italicized serif font.

REVOLUTION[®]

The bottom half of the page features a background of vibrant green ferns, with some fronds in sharp focus and others blurred in the background.

Pure and Simple[™]

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



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	15.9	17,800	3.4
	Part Load	19,600	23.7	14,700	3.9
RT036	Full Load	36,000	16.7	27,200	3.8
	Part Load	27,800	25.3	21,700	4.2
RT048	Full Load	50,800	18.0	36,400	3.9
	Part Load	39,000	25.4	29,800	4.4
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 boasts the **best geothermal warranty** – Pure and simple. An Optional Limited Lifetime Warranty is also available on the compressor and all-aluminum microchannel air coil. Visit hydronmodule.com or ask your Hydron dealer for details.

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% off heating and cooling costs versus conventional systems.

Compelling Incentives



Owning a Hydron Module is even more affordable thanks to **state/provincial and local rebates and incentives**. Ask your dealer for more information or visit 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.

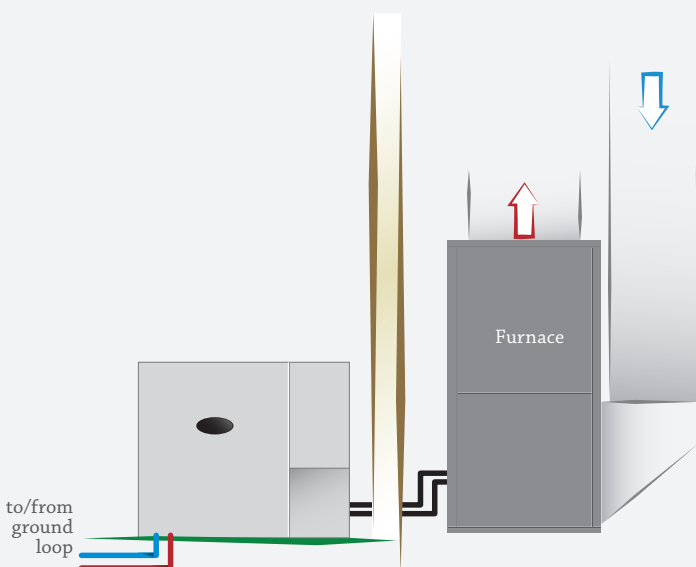
Peace and Comfort

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

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



Greenville, IL & Mitchell, SD
info@enertechgeo.com

Proudly built in Mitchell, SD by



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