



Indoor Split
Single and Two-Stage Geothermal System

A close-up photograph of a single, clear water droplet resting on a green leaf. The droplet is perfectly spherical and reflects the surrounding environment. The leaf is in sharp focus, while the background is a soft, out-of-focus mix of green and yellow light.

REVOLUTION²

Pure and Simple[™]

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



REVOLUTION²

Indoor Split System

Upgrading to **High-Efficiency** just got easier! Our Hydron Module® split system can easily be **added to your existing conventional furnace**. Our unit works great as a replacement system or in new construction. Our compact, ultra-quiet system is typically placed near the existing furnace and connected to the coil. The split geothermal system provides the **first stage 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 dual fuel or hybrid system**.

It's a win, win proposition. Hydron Module® split systems burn no fossil fuels and will lower your reliance on less efficient conventional systems. **Your home's carbon footprint is reduced** and that's good for the environment. Your pocket book wins too! When paired with a high-efficiency gas furnace your **heating and cooling costs will be drastically reduced**. All with a lower up-front cost versus a complete geothermal package system, Hydron Module® is **purely practical** and simply an efficient, economical choice.

Model	Capacity	Cooling		Heating	
		BTU/H	EER	BTU/H	COP
BS018	Full Load	20,400	18.9	14,600	3.6
	Part Load	–	–	–	–
BT024	Full Load	24,900	17.3	18,200	3.4
	Part Load	20,300	22.2	15,400	3.9
BT036	Full Load	35,200	17.1	28,700	3.8
	Part Load	27,600	26.0	22,900	4.3
BT048	Full Load	51,500	19.9	37,300	3.9
	Part Load	40,500	28.8	30,900	4.4
BT060	Full Load	62,300	17.6	45,900	3.7
	Part Load	49,200	25.5	37,800	4.1
BT072	Full Load	69,900	16.4	52,000	3.4
	Part Load	56,700	23.2	43,800	3.8

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 • Entering water temperatures Full Load: 32°F heating / 77°F cooling • Entering water temperatures Part Load: 41°F heating / 68°F cooling • Tested with MPD air handler • Data subject to change

The Revolution2 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. Visit hydronmodule.com or ask your Hydron dealer for details.

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.

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.

Unit Flexibility

The Revolution2 Series 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 existing ductwork.

Peace and Comfort

High density closed cell UL GREENGUARD Gold certified foam insulation is used throughout the cabinet to help absorb

sound. Our exclusive triple isolation design features elastomeric vibration absorption pads, a heavy gauge compressor isolation plate and high density rubber grommets to **greatly reduce compressor sound** (we say ridiculously quiet).

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% to 40%**.

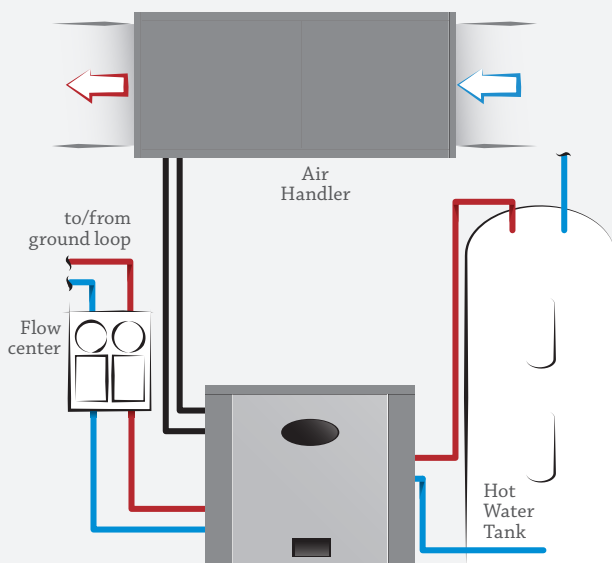
Compelling Incentives

The indoor split 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.



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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Proudly built in Mitchell, SD by



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