

REVOLUTION[®]



Vertical Combination Unit



Pure and Simple[™]

Owning a **Hydron Module** is even more affordable thanks to a **30% U.S. tax credit**. Other state/provincial or local incentives may exist in your area.



Rooted in a heritage of craftsmanship; driven by the pursuit of perfection.
Hydron Module: Pure and Simple

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



Vertical Multi-Positional Combination Unit

The Revolution® Series combination system provides forced air heating and cooling in addition to hydronic heat for radiant floors in one efficient unit. A single combination unit allows you to experience **floor warming, radiant heat** in rooms with tile or wood flooring, while **enjoying the efficiency** of forced air heating in other areas. Naturally, this unit also delivers air conditioning throughout the entire home. Because the unit utilizes the sun's free energy stored in the ground and uses no fossil fuels, it can **save you up to 70%** on heating and cooling operational costs, and is environmentally friendly. The Revolution Series combination system unites the most **comfortable** heating with the most **efficient** technology. Purely customizable. Simply everything you could want – **and more.**

The Revolution Series has **everything** you would expect from a **quality** handcrafted Hydron Module geothermal system. What will **surprise** you is what it *doesn't* offer.

No More High Operational Costs

Hydron Module Revolution geothermal systems elevate heating and cooling to a new standard. These systems are up to **500% efficient**. Compare that to the most efficient fossil fuel systems, which are a mere 95% efficient. Because this system utilizes the free energy stored in the ground, you can expect to **save up to 70%** off heating and cooling costs versus conventional systems.

No Condensation

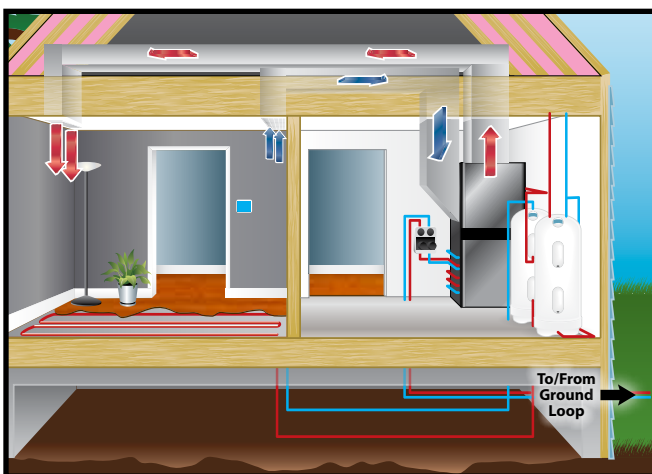
The Revolution Series has an industry exclusive design with a foamed-in heat exchanger, which prevents condensation, **increasing life expectancy and reliability**.

No Unsightly Equipment

Our **industry leading cabinet design** uses appliance grade, brushed stainless steel front access panels for a commanding look to match a system of this caliber.

No Imposing Noise Level

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.



The above illustration depicts a typical combination system installation with forced air and radiant floor in heating mode.

No Risk

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

No Comparison

Hydron Module selects only **the best components** for unsurpassed quality. Our new all-aluminum micro channel air coil **eliminates the potential for corrosion** while delivering unsurpassed comfort and efficiencies.

No Negative Environmental Impact

The Revolution Series releases no environmentally harmful emissions, reducing your carbon footprint. In fact, geothermal systems are **recognized by the U.S. EPA** as the most energy efficient heating and cooling systems available.

No Worries

Hydron Module boasts **the best warranty** in the industry. In fact, Hydron Module is the only geothermal heat pump available with a lifetime compressor, heat exchanger and cabinet warranty. **Pure and simple**.

Unit Performance

Model	Capacity	Heating		Cooling	
		Btu/hr	COP	Btu/hr	EER
HCT024C	Full Load	19,400	4.5	25,900	20.1
	Part Load	16,100	4.9	20,300	27.9
HCT036C	Full Load	28,500	4.5	38,400	18.5
	Part Load	22,200	4.9	29,200	27.4
HCT048C	Full Load	39,200	4.1	50,800	18.2
	Part Load	31,600	4.8	39,700	27.3
HCT060A	Full Load	48,400	3.8	62,800	16.9
	Part Load	38,700	4.2	48,600	23.5
HCT072A	Full Load	57,900	3.6	67,800	15.0
	Part Load	48,100	4.0	55,200	20.1

Note:

Rated 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.

How Geothermal Works

The earth's natural heat is collected in the winter by a series of pipes called a loop system. Fluid circulating in the loop system carries this heat to the home, where it is compressed and released to raise the inside temperature.

In the summer, this process is reversed in order to cool the home. Heat is drawn from the home, rejected to the loop and absorbed by the earth. The result is a comfortable home all year round.

Since most of the energy used for heating and cooling is free from the earth, geothermal systems are the most efficient and environmentally friendly systems on the market today.



Select & Compare

There are many options when selecting a heating and cooling system. This comparison table will help simplify the features of the various Hydron Module model offerings and discern them versus conventional systems. Your qualified Hydron Module dealer will assist you in determining which application provides the best solution for your specific needs.

Comparison Chart Key:

- ✓ = Applies
- 1 = Can be used with both Forced Air and Radiant Floor Heating at the same time
- 2 = Applies to some units

	Geothermal Systems Packaged	Hydronic	Combination	Split	Conventional Furnace	Conventional A/C
Heating	✓	✓	✓	✓	✓	
Air Conditioning	✓	✓	✓	✓	✓	✓
Forced Air	✓	✓	✓	1	✓	✓
Zoning Capability	✓	✓	✓	✓	✓	✓
Radiant Floor Heating			✓	1		
Domestic Hot Water	✓	✓	✓	✓	✓	
New Construction	✓	✓	✓	✓	✓	✓
Existing Home Install	2	2	2	2	✓	2
ENERGY STAR Rated	✓	✓	✓	✓	2	2
Environmentally Conscious	✓	✓	✓	✓	✓	

Hydron

Module

Geothermal Systems



See our full line of geothermal products at
www.hydronmodule.com

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