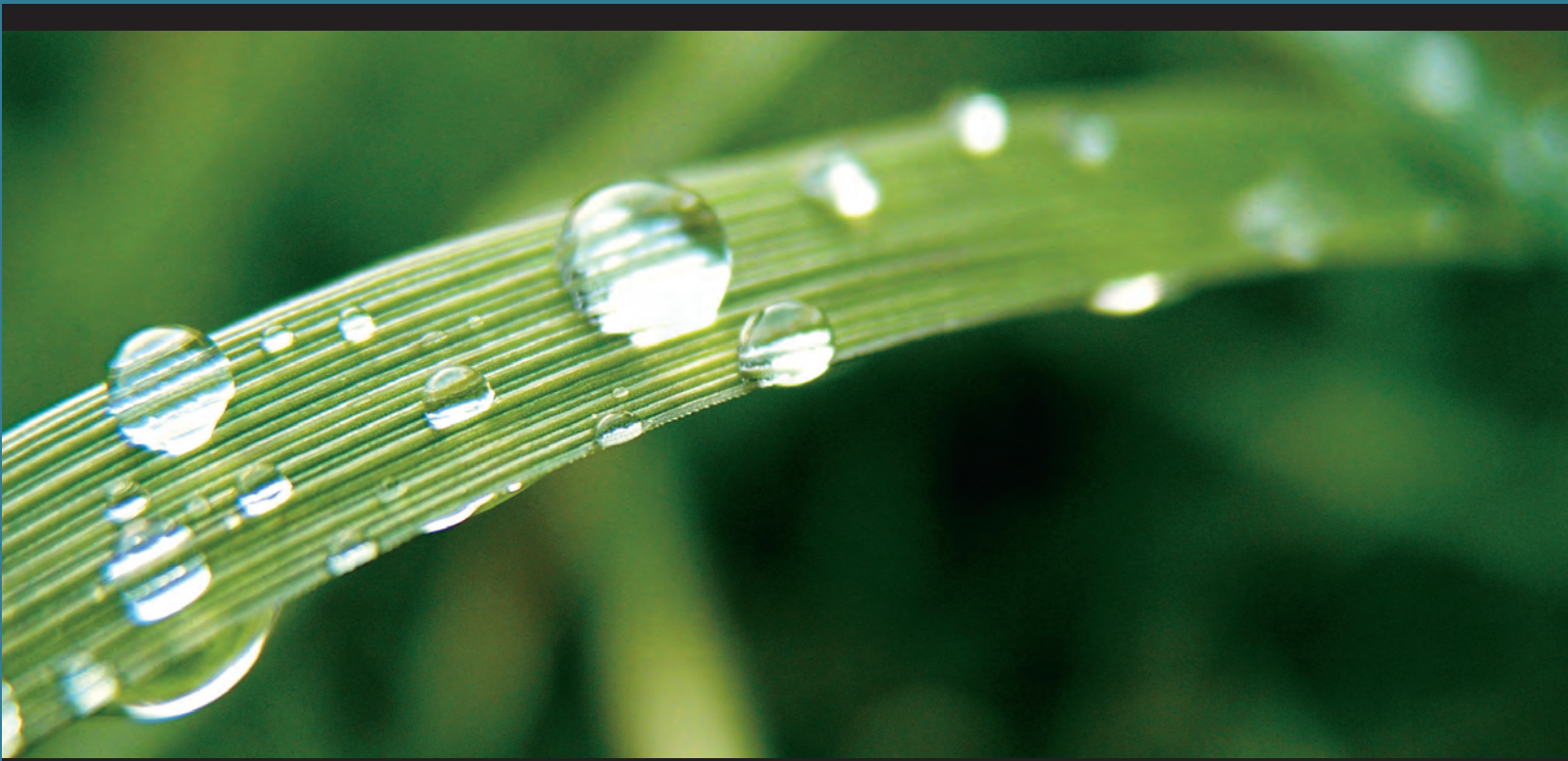


*REVOLUTION*<sup>®</sup>



**Vertical Two-Stage Packaged Unit**

Geothermal Systems  
**Hydron**  
Module<sup>®</sup>


**Pure and Simple**<sup>™</sup>

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



## Vertical Multi-Positional Packaged Unit

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**.



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**

# 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**.

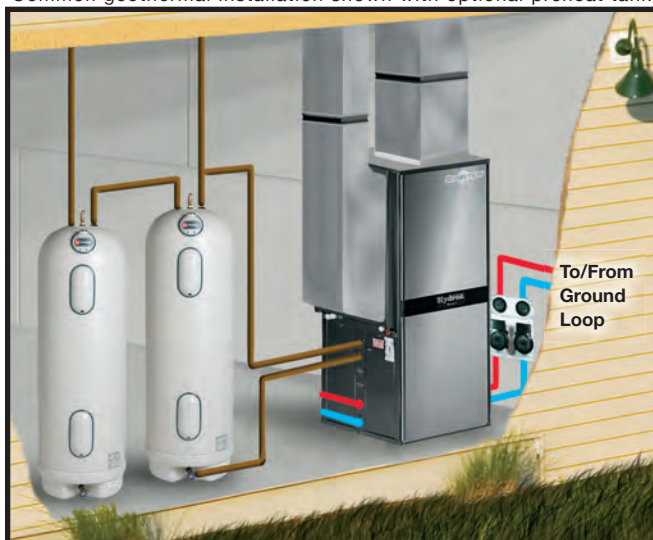
## No Unsightly Equipment

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.

Common geothermal installation shown with optional preheat tank



## 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 that produces extremely high cooling efficiency and unbeatable heating capacity and performance compared to other geothermal heat pumps.

## 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 (Two-Stage)

| Model  | Capacity  | Heating       |     | Cooling |      |
|--------|-----------|---------------|-----|---------|------|
|        |           | Btu/hr        | COP | Btu/hr  | EER  |
| HXT024 | Full Load | Future Models |     |         |      |
|        | Part Load |               |     |         |      |
| HXT036 | Full Load | 28,500        | 4.1 | 38,900  | 18.2 |
|        | Part Load | 22,000        | 4.8 | 29,000  | 28.4 |
| HXT048 | Full Load | 42,500        | 4.0 | 53,500  | 17.7 |
|        | Part Load | 33,500        | 4.7 | 42,400  | 25.2 |
| HXT060 | Full Load | 50,000        | 3.8 | 65,500  | 17.6 |
|        | Part Load | 39,500        | 4.3 | 48,600  | 23.5 |
| HXT072 | Full Load | 60,000        | 3.9 | 70,000  | 15.6 |
|        | Part Load | 50,000        | 4.3 | 56,500  | 20.3 |

### Notes:

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.  
 EER - Energy Efficiency Ratio; COP - Coefficient of Performance.

# 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.

18% Reflected Back by Clouds

21% Absorbed by Water Vapor & Dust

6% Absorbed by Clouds

7% Reflected Back

48% Absorbed by the Ground

Average Ground Temperature at 6ft  
45° - 70°F

## 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 |          |             | Conventional Furnace | Conventional A/C |
|---------------------------|--------------------|----------|-------------|----------------------|------------------|
|                           | Packaged           | Hydronic | Combination | Split                |                  |
| Heating                   | ×                  | ×        | ×           | ×                    | ×                |
| Air Conditioning          | ×                  | ×        | ×           | ×                    | ×                |
| Forced Air                | ×                  | ×        | 1           | ×                    | ×                |
| Zoning Capability         | ×                  | ×        | ×           | ×                    | ×                |
| Radiant Floor Heating     |                    |          | 1           |                      |                  |
| Domestic Hot Water        | ×                  | ×        | ×           | ×                    |                  |
| New Construction          | ×                  | ×        | ×           | ×                    | ×                |
| Existing Home Install     | 2                  | 2        | 2           | ×                    | 2                |
| Energy Star Rated         | ×                  | ×        | ×           | ×                    | 2                |
| Environmentally Conscious | ×                  | ×        | ×           | ×                    |                  |

# Hydron<sup>®</sup> Geothermal Systems Module<sup>®</sup>

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