



# YT

## Multi-Positional Vertical Packaged 2-STAGE GEOTHERMAL SYSTEM

### Heating and Cooling...Transformed.

The Enertech Vertical Packaged system is geothermal that has advanced to meet your changing needs. Each unit is built to the highest standards of quality and craftsmanship that you expect from Enertech. This premier system is the ultimate solution for heating and cooling spaces with increased efficiency, unsurpassed comfort, and exceptional reliability. We've transformed the concept of geothermal using state-of-the-art, innovative technology to bring you a heating and cooling system that's evolved to perfection. Now standard on every YT residential unit, EPIC provides remote system monitoring and diagnostics to ensure consistent comfort throughout your home—even when you're away.



Forced-air heating and cooling



Domestic hot water assist



EPIC remote connectivity standard



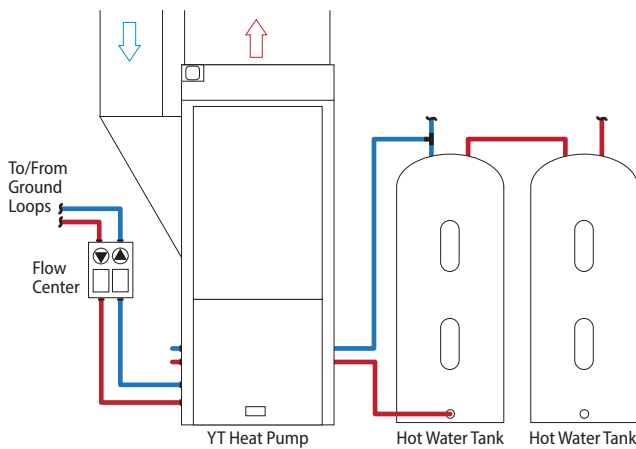


EPIC comes standard for remote system monitoring and diagnostics.



## Multi-Positional Vertical Packaged System

Enertech Vertical Packaged systems provide forced air heating and cooling like most conventional systems – but the similarities end there. Enertech has utilized the most advanced geothermal technology, resulting in a heat pump that is supremely efficient, exceptionally reliable, and so quiet you may not even realize it's running. Change the way you think about comfort with an Enertech geothermal heat pump.



YT060 and YT072 include a factory-installed mitigation kit to provide a Refrigerant Detection System (RDS) — ensuring compliance with A2L refrigerant safety standards.

## 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 or radiant heat 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.

### WARRANTY OPTIONS

Enertech offers the best geothermal warranty options. Extended coverage is available with the Option 18 Warranty, which covers a one-time replacement for both the compressor and all-aluminum microchannel air coil up to 18 years. Ask your Enertech installer for more details and options or visit [enertechusa.com](http://enertechusa.com).



### REMOTE SYSTEM MONITORING

With EPIC, standard on residential YT units, you can monitor energy usage, review operating parameters, and view air temperatures - all from your mobile device. EPIC can also notify your dealer of any maintenance needs so your system can avoid issues before they arise. Even from a distance, comfort never felt so close.

### OPERATIONAL COST SAVINGS

By using the free energy stored in the ground, Enertech geothermal systems are up to 500% efficient, saving you up to 70% on heating and cooling costs versus conventional systems.

### SAFE AND SECURE

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

### WHISPER QUIET

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.

### FREE HOT WATER

Hot water assist is standard with all Enertech units. This allows the capture of free, unused heat, typically cutting hot water costs by 25% - 40%.

### UNMATCHED QUALITY

Enertech selects only the best components for unsurpassed quality. Our all-aluminum microchannel air coil eliminates the potential for corrosion while delivering unsurpassed comfort and efficiencies.

### ENVIRONMENTALLY FRIENDLY

Geothermal systems release 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.

### MAXIMUM EFFICIENCY

Enertech vertical packaged systems utilize innovative internal components to help maximize unit efficiency. An all-aluminum microchannel air coil, ECM blower motor, and foam enclosed air coil work together to achieve superior performance and operational cost savings.

### COMPELLING INCENTIVES

In addition to the many benefits of geothermal, a wide range of financial incentives are available across the United States and Canada. Many state and provincial entities, local municipalities, and utilities support the installation of geothermal systems by offering rebates and other financial incentives.

USA: [dsireusa.org](http://dsireusa.org)

Canada: [nrcan.gc.ca](http://nrcan.gc.ca)



## Capacity and Efficiency Ratings (GROUND LOOP HEAT PUMP)

Model	Capacity	Cooling		Heating	
		BTU/H	EER	BTU/H	COP
YT024	Full Load	27,100	19.9	19,000	4.3
	Part Load	21,400	28.2	15,200	4.8
YT036	Full Load	39,700	21.0	27,900	4.3
	Part Load	30,400	29.5	23,000	4.9
YT048	Full Load	51,900	19.2	36,700	4.1
	Part Load	39,100	26.6	29,000	4.6
YT060	Full Load	63,100	18.7	49,100	4.0
	Part Load	47,700	26.4	38,300	4.5
YT072	Full Load	70,300	17.1	57,800	3.8
	Part Load	55,900	23.9	46,600	4.4

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.



See our full line of residential and commercial geothermal products at [enertechusa.com](http://enertechusa.com)



Enertech Global geothermal systems are proudly built in the Heart of America – Mitchell, SD, and Greenville, IL. Our systems are built with stringent quality control standards and the most comprehensive testing within the geothermal heating and cooling industry.



Enertech Global is continually working to improve its products. As a result, the design, specifications, and general information of each product may change without notice and may not be as described herein. For the most up-to-date information, please visit our website, or contact our Customer Relations department at [customerrelations@enertechusa.com](mailto:customerrelations@enertechusa.com). Statements and other information contained herein are not express warranties and do not form the basis of any bargain between the parties, but are merely Enertech Global's opinion or commendation of its products.