







WT

Two-Stage Water-to-Water GEOTHERMAL SYSTEM



-  Forced-air heating and cooling
-  Radiant in-floor heating
-  Domestic hot water assist
-  Pool heating

The WT is built upon the Enertech 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.





As seen on
This Old House®



Two-Stage Water-to-Water System

The WT Water-to-Water geothermal heating and cooling system is able to deliver hydronic heat through radiant floor systems or forced-air fans. Radiant floor systems deliver heating or cooling from the floor up, emanating a consistent room temperature with no moving air. This system can also effectively be used to assist with domestic water heating, pool conditioning, as well as ice and snow melt.

Capacity and Efficiency Ratings (GROUND LOOP HEAT PUMP)

Model	Capacity	Cooling		Heating	
		BTU/H	EER	BTU/H	COP
WT048	Full Load	49,500	16.3	49,000	3.5
	Part Load	37,500	20.6	37,600	3.5
WT060	Full Load	60,600	16.2	52,900	3.1
	Part Load	46,600	20.2	43,900	3.3

Notes:

Rated in accordance with ISO Standard 13256-2 which includes Pump Penalties.

Heating capacities based on 32°F EST & 104°F ELT.

Cooling capacities based on 77°F EST & 53.6°F ELT.

Entering load temperature over 120°F heating and under 45°F Cooling is not permissible.

Floor heating is most generally designed for 85°F entering load temperature.

WARRANTY OPTIONS

Enertech offers the best geothermal warranty options – plain and simple. For example, our Option 18 Warranty extension provides a one-time replacement for the compressor up to 18 years. Ask your installer for more details and options or visit enertechusa.com.



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.

FREE HOT WATER

A Hot Water Generator is standard with all Enertech units. This allows the capture

of free, unused heat, typically cutting hot water costs by 25% - 40%.

PEACE AND COMFORT

Closed-cell foam insulation is used throughout the cabinet to enhance the already quiet operation of a Enertech geothermal system, and improve air quality further.

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.

ENVIRONMENTALLY FRIENDLY

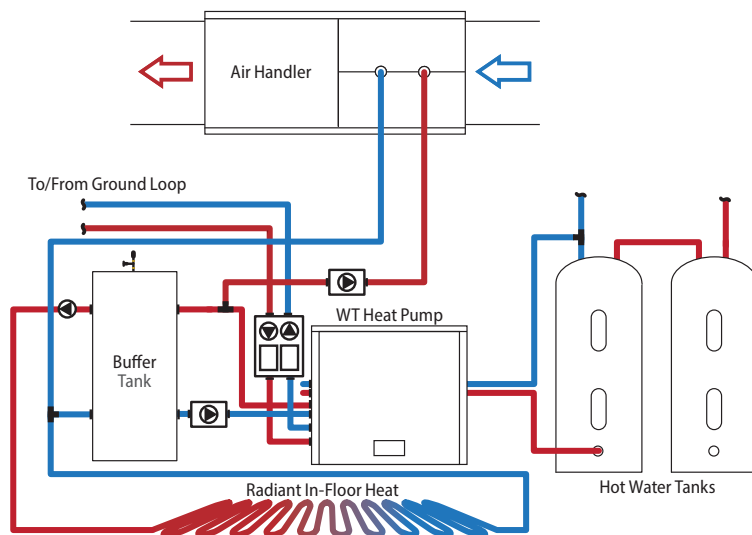
Releases no environmentally harmful emissions, reducing your carbon footprint. In fact, geothermal systems are recognized by the U.S. EPA and Natural Resources Canada as the most energy efficient heating and cooling systems available.

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

Canada: nrcan.gc.ca



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 radiant heat system or by a duct system when paired with an air handler.

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.

Each WT unit is shipped with a factory-provided mitigation kit for field installation to provide a Refrigerant Detection System (RDS) — ensuring compliance with A2L refrigerant safety standards.



See our full line of residential and commercial geothermal products at 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. 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.