

## SINGLE-STAGE HIGH PERFORMANCE – HIGH TEMPERATURE WATER-TO-WATER SYSTEM

### Cut Your Water Heating Costs by Over 250 Percent

The TETCO High Performance (THP) Water-to-Water makes your old, inefficient hot water heater obsolete. The THP becomes your hot water provider, coupled with your water heater since it acts as the reservoir and supplemental source. It provides higher water temperatures than most of the industry's geothermal hot water assist options.

Our new TETCO High Performance (THP) Water-to-Water can save you at least \$265.00 per year as your home's hot water heater.\*

Our innovative design is more efficient than a traditional hot water heater, because it's using heat from the earth rather than fossil fuels or standard electric. Using a standard electric water heater in your home costs **\$397.00** per year on average, while the THP only costs **\$132.00** per year. Over a span of 10 years, you can save **\$3,038.14**.\*\*

The THP can provide 100 percent of your home's domestic hot water supply. Our compact THP does not need a significant amount of space and installation time is faster. It is equally at home in new construction or retrofit applications. The THP's capabilities compliment other geothermal heat pumps, and it can be connected to the same ground loop system if accounted for during the design phase.

\*Based on .10 KWH, .90 factor, and 50 gallons of water per day.

\*\*Assumes a three percent energy escalation rate each year over 10 years.



The THP qualifies for the United States federal tax credit, and other state incentives, or in Canada, provincial incentives.





EFFICIENCY + SAVINGS

## Our exclusive design includes these features:

**Ultra-Quiet:** Closed cell UL GREENGUARD Gold certified foam insulation absorbs sound and improves air quality

**Warranty options:** Our premium warranty includes five years on parts and a five-year labor allowance. Ask your local dealer for more details.



**Improved efficiency and performance:** The THP is three times more efficient than a standard electric hot water heater, which lowers your energy bills

**Safeties:** Built-in service diagnostics and safeties provide freeze protection for the heat exchanger

**Versatile design:** The unvented version of the THP can match with a hydronic air handler or coil, plus provide your radiant floor heating needs

**Mother Nature approved:** This system is a renewable resource, has a space-saving design, and earth friendly refrigerant

**Rebates and incentives:** The THP system meets ENERGY STAR®



requirements for efficiency, qualifying it for the United States federal tax credit and other state incentives, or in Canada, provincial incentives.

## How the Process Works

In heating mode, the system circulates fluid in the loop system, extracting heat from the ground. Heat is transferred to the geothermal unit where it is compressed to a high temperature then delivered it to your home for hot water.

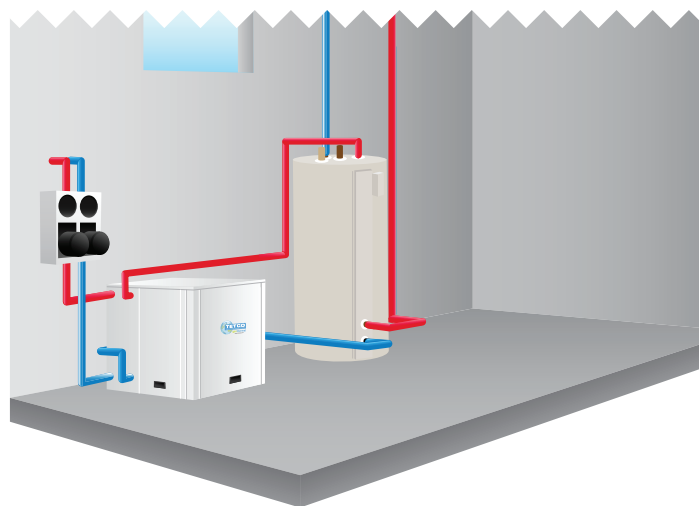
## Unit Performance

### (Ground Loop Heat Pump)

Model	Coax	Heating		Dimensional Data		
		Full Load	COP	Height	Width	Depth
HP024	Vented	23,000	3.1	21"	27.75"	24.5"

#### Notes:

Heating Only • 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 • Entering water temperatures Full Load: 32°F heating • Data subject to change



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