



TWO-STAGE VERTICAL PACKAGED SYSTEM

Heating and Cooling with a Conscience

With our Multi-Position Vertical Packaged System, you're getting award-winning design full of innovative ideas— Ideas that had never before been seen in a geothermal unit. It's the ultimate design for comfort and satisfaction, all while being environmentally friendly. But the advantages don't stop there.

In fact, keeping your budget in check is one more benefit Mother Nature had in mind with a TETCO Geothermal System. After all, the U.S. EPA and Natural Resources Canada both recognize geothermal systems as the most environmentally friendly and energy efficient heating and cooling systems on the market today. And that means you'll save money *and* the planet at the same time, all without sacrificing comfort.

Bring the comfort of the earth into your home with a TETCO Geothermal System, and discover why it's simply the best heating and cooling system you'll ever install.



Rebates and Incentives

Many states/provinces and utilities offer incentives to help you save even more. Ask your TETCO dealer about available rebates or visit dsireusa.org.



Unit Features

All-aluminum microchannel air coil eliminates the potential for formicary corrosion, enhancing reliability and efficiency.

Two-stage Copeland® UltraTech® compressor offers superior part-load performance, providing better humidity control, greater efficiency and quieter operation.

An anti-microbial plastic drain pan inhibits the growth of bacteria, while eliminating corrosion common in metal drain pans.

Meets ENERGY STAR® requirements.



High efficiency TETCO geothermal systems qualify for many state/provincial and utility rebates.

Factory installed desuperheater (hot water generator) allows the capture of free unused heat, which is then used to heat domestic water. This application can cut hot water costs by up to 50%.

Variable speed, ECM blower motor ensures quiet start up and operates at a fraction of the cost of a conventional blower motor.

Digital controls insure proper operation, providing a variety of field selectable settings for each installation. Advanced safety controls help protect the equipment.

Condensate overflow sensor protects against potential overflows due to clogged drains.



TETCO has you covered with a full range of warranty options to protect your investment. Talk to your dealer for more details.

Unit Performance

Model	Capacity	Heating		Cooling	
		Btu/hr	COP	Btu/hr	EER
TXT024	Full Load	19,800	4.3	27,200	20.3
	Part Load	16,600	4.8	21,400	29.1
TXT036	Full Load	29,200	4.2	38,900	18.3
	Part Load	23,200	4.6	29,900	27.0
TXT048	Full Load	38,200	3.9	49,000	17.1
	Part Load	29,700	4.3	37,400	24.1
TXT060	Full Load	47,700	3.7	63,000	17.8
	Part Load	38,600	4.3	49,000	24.9
TXT072	Full Load	55,900	3.6	71,100	17.1
	Part Load	46,700	4.1	57,000	23.0

Notes:

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 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 through the home by a system of ductwork (forced air) or a radiant heat system (hydronic).

For **cooling**, the process is simply reversed. Utilizing the cooler temperature of the earth as opposed to the warm air above ground, the TETCO geothermal system takes the heat from the home and transfers it into the ground via the loop system.

