

Mother Nature meets Human Nature

Finally, environmentally conscious Mother Nature approves of your decision to keep your budget in check.

TETCO geothermal systems offer the best of both worlds. The TETCO product line has been upgraded to utilize R410A, a chlorine free refrigerant that meets the US Environmental Protection Agency's (EPA) newest and most stringent guidelines. In fact, the EPA recognizes geothermal systems as the most environmentally friendly and energy efficient heating and cooling systems on the market today. That energy efficiency translates to lower heating and cooling costs.

The earth absorbs nearly half of the sun's energy. TETCO geothermal systems transfer the heat found in the ground into your home during cooler temperatures and pull heat from your home during warmer temperatures - all at a fraction of the cost of conventional systems. Unlike natural gas, fuel oil or propane systems, no fossil fuels are burned. Essentially, it creates no pollution or other environmentally harmful emissions.

Finally, a heating and cooling system with a conscience: [tetco[®]geothermal](http://tetco-geo.com)



Unit Performance (Two-Stage)

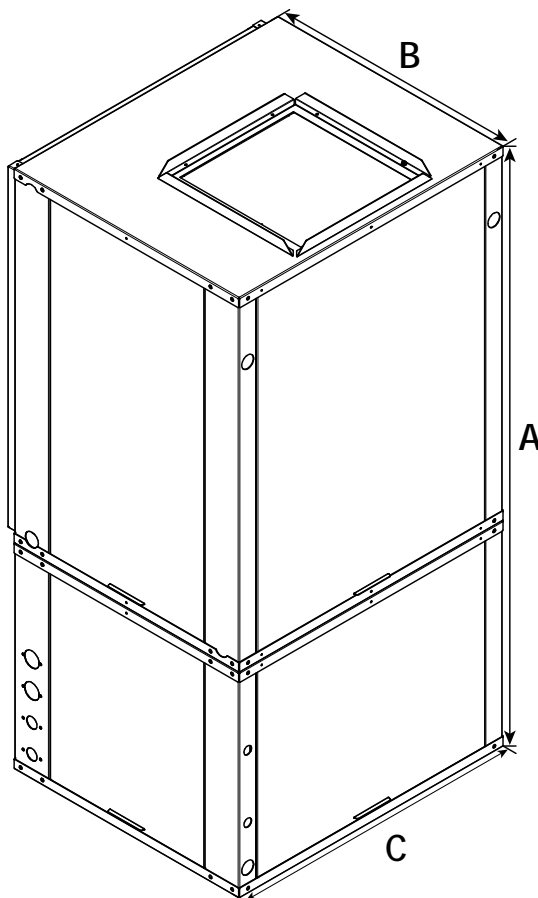
Model	Capacity	Heating		Cooling	
		Btu/hr	COP	Btu/hr	EER
TVT028	Full Load	22,200	3.7	29,000	16.0
	Part Load	16,500	4.2	21,500	20.0
TVT040	Full Load	31,400	3.6	39,400	18.0
	Part Load	20,900	4.5	26,300	24.0
TVT054	Full Load	45,600	3.5	57,200	17.6
	Part Load	30,300	4.3	37,900	23.8
TVT066	Full Load	52,200	3.5	65,400	17.4
	Part Load	36,500	4.3	45,700	23.6

Notes:

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 & Single Stage: 32°F heating / 77°F cooling.
 Entering water temperatures Part Load: 41°F heating / 68°F cooling.

Unit Dimensional Data

Model	Dimensional Data		
	A	B	C
TVT028	50.25	22.0	25.5
TVT040	54.25	26.0	30.5
TVT054	60.25	26.0	30.5
TVT066	60.25	28.0	30.5



Unit Features

- All TETCO units have coated air coils that prevent corrosion, enhancing reliability and life expectancy.
- A durable stainless steel drain pan is standard on all TETCO systems. This means no corrosion and a long life span.
- TETCO uses only Copeland® scroll compressors. This proven compressor technology ensures better reliability due to fewer moving parts.
- Digital controls insure proper operation and a variety of field selectable settings for each installation. Advanced safety controls help protect the equipment.
- DSH Feature (Hot Water Generator) is standard with all TETCO units. This allows the capture of free unused heat, typically cutting hot water costs by 30 - 50%.
- ECM blower motors are standard on all TETCO two-stage equipment. These variable speed motors ensure quiet start up and operate at a fraction of the cost of a conventional blower motor.
- Condensate overflow sensor protects against potential overflows due to clogged drains.



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