

Water-to-Water System

Saving the Planet Two Warm Feet at a Time

Being environmentally conscious doesn't mean you have to sacrifice comfort.

For the most efficient source of hydronic heating and cooling, look no further than the TETCO water-to-water geothermal system. Employing the most environmentally safe, performance enhancing R410A refrigerant, TETCO geothermal systems maximize both efficiency and operation. In addition to heated floors, this system can also be used to provide domestic hot water, heat pools and spas, and in some areas, even melt snow from concrete surfaces including driveways and sidewalks.

Beyond the luxurious comfort provided by a TETCO system, it also greatly decreases your family's carbon footprint. The system captures the earth's free energy to operate at a fraction of the cost of other traditional heating and cooling systems. In fact, the U.S. Environmental Protection Agency and Natural Resources Canada both recognize 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.

You get warm feet, the planet gets a little greener: [tetcogeothermal](http://tetcogeothermal.com)



Unit Performance

Water-to-Water Models Single Compressor					
Model	Capacity	Heating		Cooling	
		Btu/hr	COP	Btu/hr	EER
TWT036	Full Load	36,100	3.4	24,900	16.1
	Part Load	28,300	3.8	18,300	22.1
TWT048	Full Load	28,400	3.7	38,000	16.5
	Part Load	22,600	4.2	28,900	23.9
TWT060	Full Load	35,900	3.8	48,600	18.7
	Part Load	27,900	4.2	39,400	26.4
Water-to-Water Models Dual Compressor					
TWT092	Full Load	90,000	2.9	96,600	14.4
	Part Load	72,600	3.0	74,400	18.0
TWT120	Nominal	99,700	2.8	108,300	14.7
TWT144	Nominal	109,400	2.7	124,500	13.5

Notes:

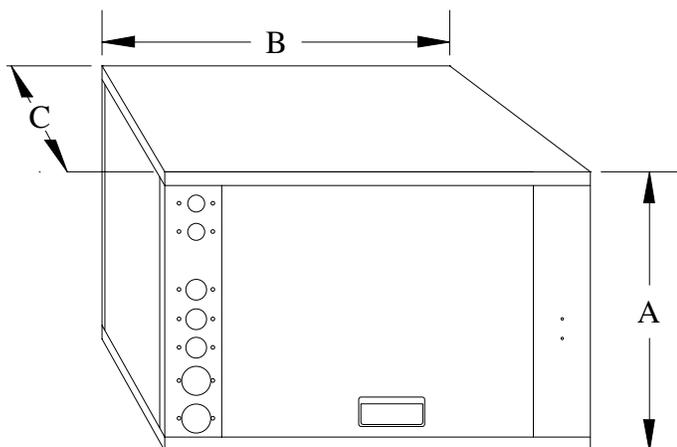
Rated in accordance with ISO Standard 13256-2 which includes Pump Penalties.
 Heating capacities based on 32°F EST & 104°F ELT.
 Cooling capacities based on 77°F EST & 53.6°F ELT.
 Entering load temperature over 120°F heating and under 45°F Cooling is not permissible.
 Floor heating is most generally designed for 85°F entering load temperature.

Notice:

Model 144 is outside the scope of the ENERGY STAR program
 Model 092 and 120 will not meet ENERGY STAR Tier 3 requirements on January 1, 2012

Unit Dimensional Data

Model	Size (tons)	All Dimensions in Inches		
		A	B	C
036 - 048	3 - 4	24	26	34
060	5	24	26	36
092 - 144	8 - 12	24	30	48



Unit Features

- 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%.
- Not only can TETCO systems heat water for radiant floors, but are reversible to provide chilled water for air conditioning if needed. TETCO also offers a selection of hydronic fan coils that are a perfect match for each unit size and application.
- TWT models 036 - 060 meet the stringent ENERGY STAR Tier 3 ratings which go into effect on January 1, 2012.
- TETCO has you covered with warranty options to protect your investment. Contact your dealer to learn more.



Enertech is continually working to improve its products. As a result, the design and specifications of each product may change without notice and may not be as described herein.



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