

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 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.

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



Unit Performance

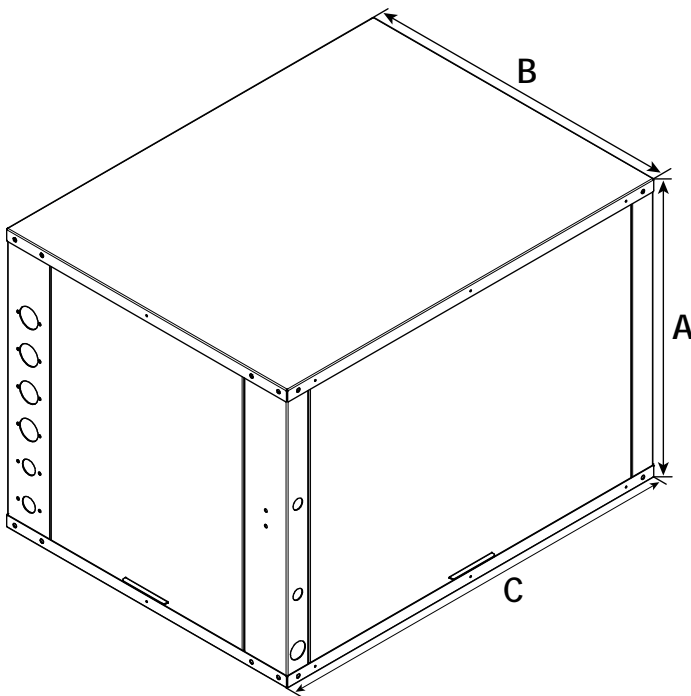
Water-to-Water Models Single Compressor					
Model	Capacity	Heating		Cooling	
		Btu/hr	COP	Btu/hr	EER
TWS036	Nominal	35,000	3.0	36,400	17.2
TWS060	Nominal	50,000	3.0	54,100	17.0
Water-to-Water Models Dual Compressor					
TWT120	High	100,000	3.0	108,200	17.0
	Low	50,000	3.0	54,100	17.0

Notes:

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

Unit Dimensional Data

Single Compressor Units			
Model	Dimensional Data		
	A	B	C
TWS036	24	26	34
TWS060	24	26	36
Dual Compressor Units			
Model	Dimensional Data		
	A	B	C
TWT120	24	30	48



Unit Features

- All TETCO units feature a heavy gauge, Galvalume® cabinet, ensuring solid structure that lasts a lifetime.
- 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%.
- For optimum noise reduction, recycled, sound deadening blue jean material is used in the cabinet insulation, as opposed to the industry standard of potentially harmful fiberglass insulation. This makes TETCO systems even more quiet and environmentally friendly.
- 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.



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