ESIII-X Series

tetcogeothermal

2-Stage Split System

Think Outside of the Box

The TETCO split system is an ideal choice for both new and existing homes. If you are not completely satisfied with your existing conventional furnace, you have options. Upgrade with a TETCO geothermal split system. This unit is paired with a new or existing air handler to provide improved efficiency, comfort, and savings.

All TETCO systems utilize R410A, the most environmentally safe, performance enhancing refrigerant available. Geothermal systems do not burn fossil fuels which create pollution and green house gas emissions. Instead, they capture 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.

Replacing a fossil fuel system with a geothermal system is equivalent to taking two vehicles off of the road or planting an acre of trees in terms of environmental impact over the lifetime of the system.

You get reduced heating and cooling costs and we all get a breath of fresh air: tetcogeothermal

TETCO®
Thermal Energy Transfer Company
geothermal
www.tetco-geo.com

Unit Performance (Two-Stage)*

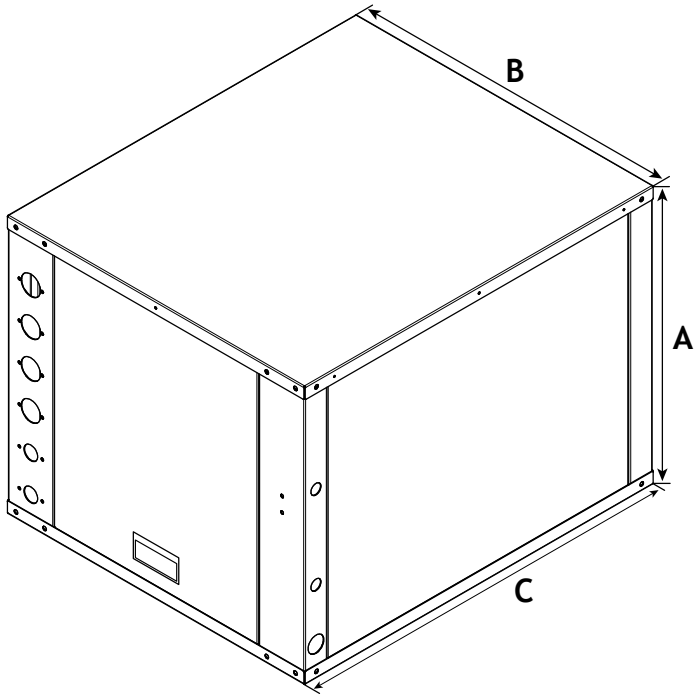
Model	Capacity	Heating		Cooling	
		Btu/hr	COP	Btu/hr	EER
TST028	Full Load	21,000	3.5	27,500	15.1
	Part Load	15,500	4.0	20,300	19.1
TST040	Full Load	29,800	3.4	37,400	17.1
	Part Load	19,800	4.3	24,900	22.8
TST054	Full Load	43,300	3.3	54,300	16.7
	Part Load	28,700	4.1	36,000	22.6
TST066	Full Load	49,500	3.3	62,100	16.5
	Part Load	34,600	4.1	43,400	22.4

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.

* With company matched air handlers and ECM motor.
Does not apply to "A" coil matches.

Unit Dimensional Data

Model	Dimensional Data			Refrigeration Connection	
	A	B	C	Liquid	Suction
TST028	18.8	22.0	25.5	1/2"	5/8"
TST040	21.8	26.0	30.5	1/2"	3/4"
TST054	22.8	26.0	30.5	1/2"	3/4"
TST066	22.8	28.0	30.5	5/8"	7/8"



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%.
- TETCO split systems have AHRI (Air-Conditioning, Heating, and Refrigeration Institute) certified air handler and a-coil matches for every model. That means better performance and guarantees the operating efficiency of the system, which is a requirement for many rebate and incentive programs.
- For optimum noise reduction, recycled, sound deadening blue jean material is used in the compressor section cabinet insulation, as opposed to the industry standard of potentially harmful fiberglass insulation. This makes TETCO systems even more quiet and environmentally friendly.

Enertech Manufacturing 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.

TETCO
Thermal Energy Transfer Company
geothermal
www.tetco-geo.com
2506 South Elm Street
Greenville, IL 62246

 © Enertech Manufacturing, LLC