

TRANQUILITY® INDOOR SPLIT (TTS)



The Tranquility® Indoor Split Series has among the highest efficiency ratings of any geothermal split system in the industry when matched with ClimateMaster Tranquility® Air Handlers or Cased Coils.

The Tranquility® Indoor Split Series easily connect to new or existing fossil fuel and electric furnaces. Ideal for remote applications with a 2nd floor or crawl spaces.



Features

- 1 Copeland™ Ultra-Tech™ Two-Stage Unloading Scroll Compressor
- 2 Oversized Water Coil
- 3 Fully Insulated Water and Refrigerant Lines
- 4 Factory Installed Hot Water Generator with Internal Pump
- 5 Backseating Brass Service Valves with Service Port Brass
- 6 Brass Swivel Water Connections
- 7 Unit Performance Sentinel: Automatic Alert System Lets You Know if the System is Not Running at Peak Performance**
- 8 Dual Level Compressor Isolation for Ultra Quiet Operation
- 9 Three Easy Lift-out Service Access Panels with Stainless Steel Front Panels

Application Flexibility

- Four Capacities 026, 038, 049, and 064
- Two-stage operation for ultra high efficiencies and unsurpassed comfort
- Extended range operation (20-120°F EWT) and flow rates as low as 1.5 gpm per ton
- Field selectable low-temperature protection setting for GWHP or GLHP
- Among the highest efficiencies in AHRI/ISO/ASHRAE/ANSI 13256-1 ratings for heating COP's, cooling EER's with low water flow rates
- Exceeds Federal requirements for 30% tax credit on installation costs*
- Exceeds ASHRAE 90.1 and Energy Star 3.0 efficiencies*
- AHRI matched and rated with TAC and TAH products
- Can be used as a total electric heat pump or add on heat pump with fossil fuel backup
- Outdoor models available
- Standard 10-year limited warranty on all parts with 5-year labor allowance; Optional additional extended 5-year limited labor allowance available

*When matched with ClimateMaster Tranquility® Air Handlers and Cased Coils.

**When installed with a ClimateMaster thermostat.



CLIMATEMASTER® GEOTHERMAL HEAT PUMP SYSTEMS

SMART | RESPONSIBLE | COMFORTABLE

Tranquility® Indoor (TTS) Split Series

Performance and Specifications

Tranquility® TTS ISO Ratings

AHRI/ISO/ASHRAE 13256-1 Data (English (IP) Units)

Model	Capacity	Water Loop Heat Pump				Ground Water Heat Pump				Ground Loop Heat Pump			
		Cooling 86°F		Heating 68°F		Cooling 59°F		Heating 50°F		Cooling 77°F		Heating 32°F	
	Modulation	Capacity Btuh	EER Btuh/W	Capacity Btuh	COP	Capacity Btuh	EER Btuh/W	Capacity Btuh	COP	Capacity Btuh	EER Btuh/W	Capacity Btuh	COP
TTS/P026	Full	25,800	15.60	28,100	5.00	29,200	23.40	25,100	4.70	26,600	17.70	20,000	4.00
	Part	19,800	18.80	22,200	6.20	22,700	31.70	18,900	5.40	21,400	26.20	16,600	4.70
TTS/P038	Full	37,300	15.40	44,500	5.30	41,500	22.40	36,900	4.80	37,600	17.00	28,400	4.00
	Part	27,000	17.80	31,700	6.10	30,300	29.80	26,200	5.10	28,600	24.80	22,700	4.50
TTS/P049	Full	47,600	14.80	59,500	5.20	52,300	21.50	48,600	4.80	48,100	16.50	37,600	4.00
	Part	35,700	16.20	44,500	6.20	40,100	26.70	36,100	5.30	37,800	22.30	31,400	4.70
TTS/P064	Full	58,900	14.00	71,700	4.70	64,100	20.30	60,100	4.20	60,400	16.00	45,800	3.50
	Part	45,000	16.10	53,900	5.40	51,200	27.10	42,800	4.40	48,100	22.40	37,200	3.90

Cooling capacities based upon 80.6°F DB, 66.2°F WB entering air temperature
 Heating capacities based upon 68°F DB, 59°F WB entering air temperature
 All TT ratings based upon 208V operation

Tranquility® Indoor (TTS) Dimensional Data

Capacity		Cabinet		
		Width	Depth	Height
TTS026	in	22.4	25.3	19.3
	cm	56.9	65.0	49.0
TTS038	in	25.4	30.6	21.3
	cm	64.5	77.7	54.1
TTS049	in	25.4	30.6	21.3
	cm	64.5	77.7	54.1
TTS064	in	25.4	30.6	21.3
	cm	64.5	77.7	54.1

Options

	Standard	Factory Option	Dealer Option
Hot Water Generator with Internally Mounted Pump	●		
Cupro-Nickel Coaxial Heat Exchanger		●	
Electronic Auto-Changeover Thermostat with 3-Stage Heat, 2-Stage Cool and Indicator LEDs			●
Additional Extended 5-Year Limited Labor Allowance		●	



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Intertek

