

TRANQUILITY OUTDOOR SPLIT (TTP)

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

The Tranquility Outdoor Split Series easily connect to new or existing fossil fuel and electric furnaces. Designed for the replacement market, quiet outdoor installations with weather and sound insulated cabinets make it the perfect fit. Includes built-in earth loop circulating pump, flushing valves, expansion tank and hose kit for easy ground loop connection.



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
- 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
- Indoor 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 matched with a ClimateMaster thermostat.

Features

- 1 Copeland™ Ultra-Tech™ Two-Stage Unloading Scroll Compressor
- 2 Oversized Water Coil
- 3 Fully Insulated Water and Refrigerant Lines
- 4 Large Easily Accessible Control Box
- 5 Backseating Brass Service Valves with Service Port
- 6 Stainless Steel Braided Hoses for Easy Connection to Loop Piping
- 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 Factory Built-In Loop Pump with Flushing Valves
- 10 Factory Built-In Expansion Tank for More Stable Loop Pressure



CLIMATEMASTER® GEOTHERMAL HEAT PUMP SYSTEMS

SMART | RESPONSIBLE | COMFORTABLE

Tranquility Outdoor (TTP) Split Series

Performance and Specifications

Tranquility TTP 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 Outdoor (TTP) Dimensional Data

Capacity		Cabinet		
		Width	Depth	Height
TTP026	in	26.3	37.4	29.1
	cm	66.8	95.0	73.9
TTP038	in	26.3	37.4	29.1
	cm	66.8	95.0	73.9
TTP049	in	26.3	37.4	29.1
	cm	66.8	95.0	73.9
TTP064	in	26.3	37.4	29.1
	cm	66.8	95.0	73.9

Options

	Factory Option	Dealer Option
Externally Mounted Hot Water Generator with Pump		•
Cupro-Nickel Coaxial Heat Exchanger	•	
Electronic Auto-Changeover Thermostat with 3-Stage Heat, 2-Stage Cool and Indicator LED's		•
Additional Extended 5-Year Limited Labor Allowance	•	



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The management system governing the manufacture of ClimateMaster's products is ISO 9001:2000 certified.



Intertek

