

# TRANQUILITY CASED COIL (TAC)



The Tranquility Cased Coil has the highest efficiency ratings of any geothermal split system in the industry when matched with ClimateMaster Tranquility indoor or outdoor units. Tranquility indoor Cased Coils are specifically designed and matched for use with Tranquility indoor and outdoor geothermal split units.

Tranquility Cased Coils are available in vertical upflow or downflow, and horizontal left or horizontal right airflow. Designed for retrofit geothermal installations, the ClimateMaster indoor Cased Coil is ideal for dual fuel geothermal add-on applications.



## Features

- 1 Fully convertible vertical upflow or downflow, and horizontal left or horizontal right airflow
- 2 Thermoset plastic drain pan
- 3 Large easily removable access panel provides an open service-friendly cabinet
- 4 Heavy gauge galvanized steel construction with attractive grey powder coat finish

## Application Flexibility

- Four Capacities: 026, 038, 049, 064
- AHRI matched and rated with TTP and TTS products
- EarthPure® HFC-410A refrigerant
- Easily connects to new or existing fossil fuel furnaces
- Large low RPM blowers with variable speed fan motors provide quiet, efficient air movement with high static capability
- Exceeds federal requirements for 30% tax credit on installation costs\*
- Exceeds ASHRAE 90.1 and Energy Star 3.0 efficiencies\*
- Standard 10-year limited warranty on all parts with 5-year labor allowance; Optional extended 5-year limited labor allowance available for a total of 10-year labor allowance

\*When matched with ClimateMaster Tranquility Split compressor section

CLIMATEMASTER® GEOTHERMAL HEAT PUMP SYSTEMS

SMART | RESPONSIBLE | COMFORTABLE

# Tranquility Cased Coil (TAC)

## Performance and Specifications

### Tranquility® TES/P with Tranquility® Cased Coil 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 Full Load 77°F Part Load 68°F		Heating Full Load 32°F Part Load 41°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
TES/P026	Full	25,000	16.2	28,500	5.2	27,900	24.4	24,400	4.7	25,700	18.2	18,600	3.8
	Part	19,200	17.9	22,500	6.0	21,700	29.9	18,400	5.0	20,700	24.5	15,800	4.3
TES/P038	Full	37,900	16.9	41,200	5.4	41,800	24.6	35,000	4.6	38,600	18.7	27,500	4.1
	Part	27,200	18.4	30,500	5.9	30,000	30.5	25,400	5.0	28,600	24.9	22,200	4.4
TES/P049	Full	48,000	16.1	54,500	5.2	52,700	23.4	47,200	4.7	48,800	17.7	36,700	4.0
	Part	35,600	17.1	42,800	6.0	40,000	28.1	35,300	5.1	38,600	23.5	30,400	4.4
TES/P064	Full	56,900	15.0	66,900	4.7	62,200	21.8	57,300	4.3	58,500	16.8	45,600	3.7
	Part	42,600	16.0	52,200	5.5	47,800	26.6	42,800	4.6	45,800	21.9	37,700	4.1

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 ratings based upon 208V operation

### Dimensional Data

Capacity - Size		Case		
		Width	Depth	Height
TAC026 - A	in	17.5	17.9	20.0
	cm	44.4	45.5	50.8
TAC026 - B	in	21.0	17.5	20.0
	cm	53.3	44.4	50.8
TAC038 - B	in	21.0	17.5	28.0
	cm	53.3	44.4	71.1
TAC038 - C	in	24.5	30.3	32.0
	cm	62.2	77.0	81.3
TAC049 - B	in	21.0	25.9	28.0
	cm	53.3	65.8	71.1
TAC049 - C	in	24.5	30.3	32.0
	cm	62.2	77.0	81.3
TAC064 - C	in	24.5	30.3	32.0
	cm	62.2	77.0	81.3

### Options

	Standard	Factory Option	Dealer Option
EarthPure® HFC-410A Refrigerant	●		
Thermal Expansion Valve	●		
4-Way Convertible	●		
Powder Coat Paint	●		
Extended Labor Allowance and Service Warranty		●	
Digital Multi-Stage Thermostat			●
Digital Programmable Thermostat			●
10-Year Limited Warranty	●		



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