

# TRANQUILITY AIR HANDLER (TAH)



The Tranquility Air Handler Series has among the highest efficiency ratings of any geothermal split system in the industry when matched with ClimateMaster Tranquility Indoor and Outdoor units. Tranquility Air Handlers are specifically designed and matched for use with Tranquility Indoor and Outdoor geothermal split units.

Tranquility Air Handlers are available in vertical upflow or downflow, and horizontal left or horizontal right airflow. Designed for new or retrofit geothermal installations/applications, ideal for remote applications like a 2nd floor, crawl spaces, and attics.



## Application Flexibility

- AHRI matched and rated with TTP and TTS products
- Dehumidification mode for high latent cooling (when matched with ATP32UO4 thermostat)
- Three cabinet foot prints: 026 - 18.5" wide, 026-049 - 22.5" wide, & 038-064 - 25.5" wide
- Ideal for remote applications like a 2nd floor, crawl spaces, and attics
- Internal electric heat for easy field installation
- 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\*
- Highest efficiencies in AHRI/ISO/ASHRAE/ANSI 13256-1 ratings for heating COP's, cooling EER's with low water flow rates when matched with TTP/TTS models
- 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

## Features

- 1 Four Capacities: 026, 038, 049 & 064
- 2 Variable speed ECM fan motor adapts to various duct systems
- 3 Condensate over-flow protection
- 4 230v and 115v field convertible
- 5 Fully field-convertible for vertical upflow, downflow, horizontal left and horizontal right airflow
- 6 Less than 2% air leakage
- 7 FP2 - air coil temperature sensor factory mounted
- 8 EarthPure® HFC-410A zero ozone depletion refrigerant

CLIMATEMASTER® GEOTHERMAL HEAT PUMP SYSTEMS

SMART | RESPONSIBLE | COMFORTABLE

# Tranquility Air Handler (TAH)

## Performance and Specifications

### Tranquility TTS/P with Tranquility Air Handler ISO Ratings

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

Model	Capacity Modulation	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	
		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

### Dimensional Data

Capacity - Size		Air Handler		
		Width	Depth	Height
TAH026 - A	in	18.5	22.0	44.0
	cm	47.0	55.9	111.8
TAH026 - B	in	22.5	22.0	55.0
	cm	55.9	55.9	111.8
TAH038 - B	in	22.5	22.0	55.0
	cm	55.9	55.9	111.8
TAH038 - C	in	25.5	22.0	59.0
	cm	55.9	55.9	111.8
TAH049 - B	in	22.5	22.0	55.0
	cm	55.9	55.9	111.8
TAH049 - C	in	25.5	22.0	59.0
	cm	64.8	55.9	111.8
TAH064 - C	in	25.5	22.0	59.0
	cm	64.8	55.9	111.8

### Options

	Standard	Factory Option	Dealer Option
EarthPure® HFC-410A Refrigerant	<input checked="" type="radio"/>		
Thermal Expansion Valve	<input checked="" type="radio"/>		
4-Way Convertible	<input checked="" type="radio"/>		
Internal Electric Heat for Easy Field Installation			<input checked="" type="radio"/>
Powder Coat Paint	<input checked="" type="radio"/>		
Extended 5-Year Labor Allowance		<input checked="" type="radio"/>	
Digital Multi-Stage Thermostat			<input checked="" type="radio"/>
Digital Programmable Thermostat			<input checked="" type="radio"/>



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