

# 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 TEP, TES, 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 TEP/TES/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® TES/P with Tranquility® Air Handler 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	25,100	16.8	28,200	5.2	28,000	25.1	24,300	4.7	25,600	18.5	18,800	3.9
	Part	19,500	18.8	22,400	6.2	21,900	31.5	18,200	5.1	20,700	25.5	15,800	4.4
TES/P038	Full	38,200	17.3	40,500	5.3	42,100	25.2	34,500	4.8	38,800	18.8	27,900	4.1
	Part	27,200	19.0	30,200	6.0	30,300	32.5	25,000	5.1	29,100	26.1	22,200	4.5
TES/P049	Full	48,100	16.4	53,200	5.1	52,900	23.9	46,800	4.7	49,200	17.5	37,100	3.9
	Part	36,000	17.9	41,800	5.9	40,200	29.6	34,800	5.1	38,300	23.5	30,300	4.3
TES/P064	Full	57,200	15.0	67,500	4.8	63,200	22.1	58,100	4.3	59,200	16.9	46,400	3.7
	Part	43,000	16.6	52,500	5.6	47,800	27.3	43,200	4.7	46,200	22.7	37,600	4.2

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  
 Ground Loop Heat Pump ratings based on 15% methanol antifreeze solution  
 All ratings based upon operation at lower voltage of dual voltage rated models

### Dimensional Data

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

### 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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The management system governing the manufacture of ClimateMaster's products is ISO 9001:2008 certified.



Intertek

