

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 TES and TEP 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 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 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 iGate® communicating controls continuously monitors and controls the system for reliability and long life
- 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 EarthPure® HFC-410A zero ozone depletion refrigerant
- 8 Four Capacities: 026, 038, 049 & 064
- 9 Corrosive resistant aluminum air coil

CLIMATEMASTER® GEOTHERMAL HEATING AND COOLING

DECLARE YOUR PERSONAL ENERGY INDEPENDENCE

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	Water Loop Heat Pump				Ground Water Heat Pump				Ground Loop Heat Pump			
	Cooling		Heating		Cooling		Heating		Cooling		Heating	
	Capacity	EER	Capacity	COP	Capacity	EER	Capacity	COP	Capacity	EER	Capacity	COP
*TES/P026 Part	18,000	16.4	23,200	5.7	20,400	27.8	18,700	4.8	20,300	24.0	15,300	4.0
*TES/P026 Full	23,200	14.9	29,200	4.9	25,600	22.4	24,900	4.5	24,700	17.7	18,800	3.6
**TES/P*026 Part	19,200	18.3	20,700	5.6	21,500	30.9	17,700	4.9	20,700	25.6	15,500	4.3
**TES/P026 Full	25,000	16.1	25,300	4.7	27,300	24.0	22,800	4.4	25,800	18.3	18,700	3.8
TES/P038 Part	26,000	17.3	28,300	5.7	28,800	29.7	23,700	4.8	27,900	24.7	21,000	4.3
TES/P038 Full	37,000	16.1	37,800	4.9	40,500	23.4	32,700	4.5	37,700	17.8	26,200	3.8
TES/P049 Part	35,800	16.5	42,000	5.4	40,700	29.4	34,300	4.6	39,100	23.8	29,600	4.0
TES/P049 Full	46,900	15.0	56,000	4.7	52,800	23.0	45,900	4.2	48,700	16.9	35,900	3.5
TES/P064 Part	43,400	15.8	52,000	5.2	48,100	26.0	41,700	4.3	45,500	21.7	35,900	3.8
TES/P064Full	56,800	14.0	67,300	4.4	62,400	20.3	56,600	4.0	57,300	15.5	44,300	3.4

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

*w/17" wide coil

**w/21" wide coil

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	●		
Thermal Expansion Valve	●		
4-Way Convertible	●		
Internal Electric Heat for Easy Field Installation			●
Powder Coat Paint	●		
Extended 5-Year Labor Allowance		●	
Digital Multi-Stage Thermostat			●
Digital Programmable Thermostat			●



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Engineered and Assembled in the USA