

TRANQUILITY® (SA) PREMIER AIR HANDLER

RESIDENTIAL | Sizes: 024-060 | 60 Hz – R-454B



The Tranquility (SA) Premier Air Handler showcases superb efficiency ratings, quiet operation, and application flexibility that is synonymous with the ClimateMaster Tranquility 30 Premier Split Systems. The Tranquility SA surpasses ASHRAE 90.1 efficiency standards when matched exclusively with ClimateMaster Tranquility Indoor (SJ) or Outdoor (SP) Split units. Designed for new or retrofit geothermal installations, the Tranquility SA provides an all-electric geothermal solution and is ideal for remote applications such as second floor, crawl spaces, and attics.

The SA Series Advantage

STANDARD FEATURES

- Sizes 024 (2 ton, 7 kW) through 060 (5 tons, 17.6 kW)
- Environmentally-friendly R-454B low-GWP refrigerant
- Factory installed Refrigerant Detection System (RDS) on all sizes
- Intelligent variable speed Constant Volume (CV) EC blower motors for precise airflow control with integrated soft start
- iGate® 2 Communicating Controls Powered by DXM2.5 and AXM
- Field-convertible supply and return configurations for application flexibility
- Exceeds ASHRAE 90.1 and Energy Star 3.0 efficiency requirements*

APPLICATION FLEXIBILITY

- AHRI matched and rated with SJ and SP products
- Ideal for remote applications like a 2nd floor, crawl spaces, and attics
- Internal electric heat for easy field installation
- iGate® 2 – Remotely monitor, control and diagnose digitally from the phone app or website
- Large low RPM blowers with variable speed fan motors provide quiet, efficient air movement with high static capability
- Standard 10-year limited warranty on all parts with 5-year labor allowance; Optional extended 5-year limited labor allowance available for a total labor allowance of 10 years



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Product Catalog

*When matched with ClimateMaster Tranquility® Split compressor section

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ASHRAE/AHRI/ISO 13256-1 English (I-P) Units – with Tranquility SJ/SP

Model Size	Load	Motor Type	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 68°F		Heating 41°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
SJ/SP 024	Part	EC	16,700	17.2	19,800	6.1	18,400	30.1	16,300	5.0	18,000	24.7	14,500	4.4
	Full	EC	23,200	16.5	27,200	5.5	24,700	25.2	22,500	4.8	23,900	19.0	17,900	4.0
SJ/SP 036	Part	EC	27,200	17.7	28,800	5.5	30,200	31.2	24,000	4.7	28,700	23.1	21,000	4.3
	Full	EC	36,400	17.3	39,400	5.3	41,800	25.0	33,700	4.7	38,300	18.4	26,900	4.0
SJ/SP 048	Part	EC	32,200	17.0	39,000	5.6	38,500	31.3	31,500	4.6	36,800	25.0	27,500	4.1
	Full	EC	48,000	16.6	56,100	5.0	51,900	22.2	46,000	4.4	49,000	18.1	35,500	3.7
SJ/SP 060	Part	EC	41,300	17.1	45,900	5.3	47,400	28.7	38,200	4.5	45,200	23.8	33,900	4.1
	Full	EC	59,700	16.0	63,900	5.0	65,000	22.9	55,100	4.3	60,200	17.6	45,000	3.7

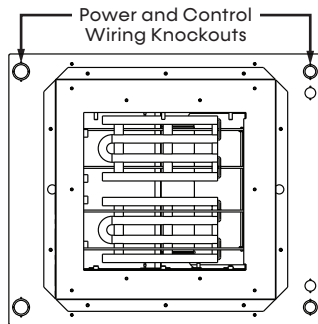
Notes:

- Where dual voltages are available, ratings are based on the lower voltage setting.
- 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.

Dimensional Data

Model Size	Overall Cabinet (inches)		
	Depth	Width	Height
	D	W	H
026-038	22.0	18.5	44.0
049	22.0	22.0	55.0
064	22.0	25.5	59.0

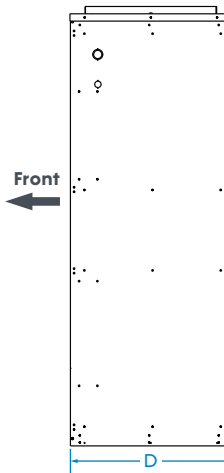
Top View



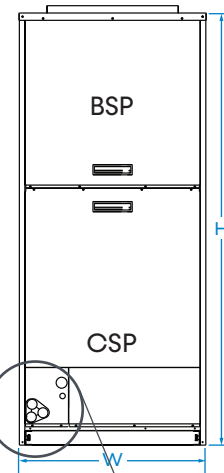
LEGEND

BSP = BLOWER SERVICE PANEL
CSP = COIL SERVICE PANEL

Left Side View



Front View



Detail A

Secondary Drain
(Horizontal Configuration)

Primary Drain
(Vertical, Horizontal, and Downflow Configuration)

Secondary Drain
(Vertical and Downflow Configuration)



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