

CLIMATEMASTER®
A NIBE GROUP MEMBER

TRANQUILITY® (SE) PREMIER SERIES

COMMERCIAL | Sizes: 006-072 | 60 Hz – R-454B



AHRI CERTIFIED®
www.ahridirectory.org
Water Source HP
ANSI/AHRI/ASHRAE/ISO13256

The Tranquility® (SE) Premier Series showcases superb efficiency ratings, quiet operation, and application flexibility that is synonymous with the ClimateMaster Tranquility family. The Tranquility SE surpasses ASHRAE 90.1 efficiency standards and utilizes R-454B low Global Warming Potential (GWP) refrigerant, setting a high standard for eco-friendly performance. Due to its innovative and environmentally-conscious design, the Tranquility SE qualifies for LEED® (Leadership in Energy and Environmental Design) points while delivering reliable operation, lower operating cost, and compact installation.

The SE Series Advantage

STANDARD FEATURES

- Sizes 006 (½ ton, 1.8 kW) through 072 (6 tons, 21.1 kW)
- Refrigerant Detection System (RDS) (mandatory on size 060 and 072, optional for sizes 006-048)
- Communicating DXM2.5 controls for reduced startup, commissioning, and service time
- Part-load operation significantly lowers annual operating costs (size 024-072)
- Unique double-isolation compressor mounting for quiet operation
- Field-convertible discharge-air arrangement for horizontal units
- Intelligent Constant Volume (CV) EC motors for ultimate airflow control

CONFIGURABLE OPTIONS

- vFlow® unit-integrated modulating water valve for maximum water-flow control (replaces traditional motorized water valve and autoflow regulator)
- vFlow® unit-integrated variable-speed water pump for single-pipe systems (sizes 018-072)
- ClimaLink Edge communicating integration with BACnet and Modbus options for Building Management Systems (BMS)
- iGate® 2 thermostat for remote monitoring, adjustments, and diagnostics via MyUplink mobile app and website
- Extended-range insulation for geothermal applications
- Domestic Hot Water Generator (HWG)(Sizes 018-072)
- ClimaDry® II modulating reheat

Scan for Product Catalog

TRANQUILITY (SE) PREMIER SERIES

ASHRAE/AHRI/ISO 13256-1 English (I-P) Units

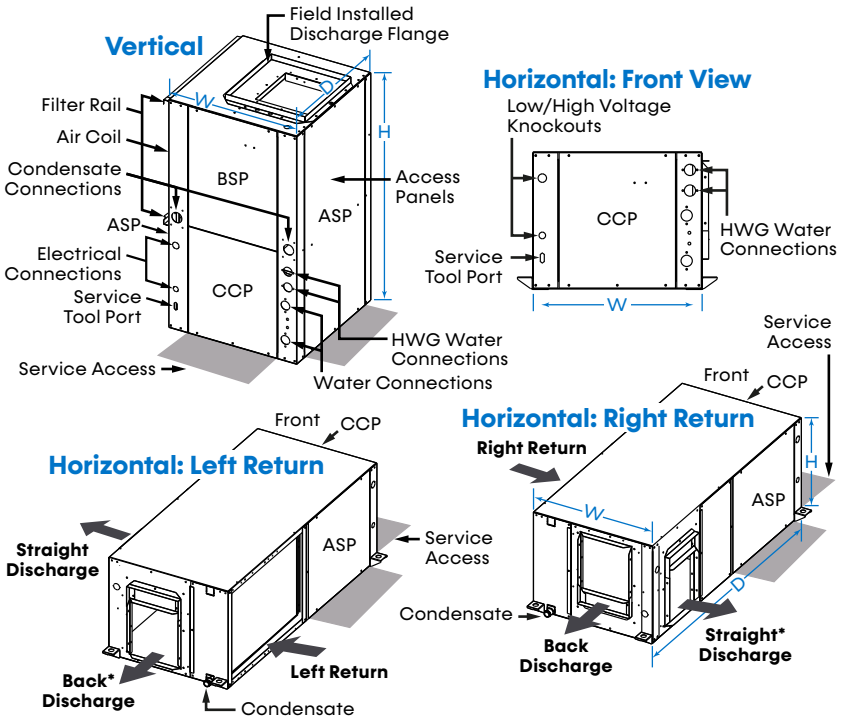
Model	Motor Type	Load	Water-Loop Heat Pump				Ground-Water Heat Pump				Ground-Loop Heat Pump			
			Cooling 86°F		Heating 68°F		Cooling 59°F		Heating 50°F		Cooling 68°F		Heating 41°F	
			Capacity Btuh	EER Btuh/W	Capacity Btuh	COP	Capacity Btuh	EER Btuh/W	Capacity Btuh	COP	Capacity Btuh	EER Btuh/W	Capacity Btuh	COP
SE006	EC	F	6,300	17.0	7,600	5.5	7,600	30.0	6,200	4.8	6,700	20.0	4,600	3.6
SE009	EC	F	9,000	15.8	11,500	5.3	10,500	28.0	9,000	4.6	9,700	19.0	7,000	3.7
SE012	EC	F	11,700	16.0	15,200	5.2	13,600	26.2	12,200	4.3	12,400	18.9	9,200	3.6
SE018	EC	F	19,100	16.3	23,400	5.7	22,000	28.1	18,900	4.9	20,100	19.5	14,500	4.1
SE024	EC	P	18,000	18.6	20,800	6.6	21,300	33.0	16,800	5.4	20,300	27.9	14,400	4.6
	EC	F	25,300	17.0	29,000	5.7	28,600	26.1	23,700	5.0	26,300	19.9	17,800	4.1
SE036	EC	P	28,000	19.5	31,000	6.1	31,500	32.0	25,900	5.1	30,000	26.0	22,600	4.6
	EC	F	38,000	17.5	43,100	5.5	42,000	25.0	36,000	4.9	39,200	19.5	28,400	4.2
SE048	EC	P	37,500	19.8	42,400	6.6	42,000	34.0	34,000	5.3	40,500	28.0	29,900	4.6
	EC	F	51,000	18.0	58,700	5.6	56,000	27.0	47,300	4.9	52,000	20.2	37,600	4.1
SE060	EC	P	44,000	18.6	45,300	5.9	49,000	30.8	36,000	4.4	47,000	25.1	31,000	4.1
	EC	F	61,800	16.9	67,300	5.3	66,800	24.7	55,700	4.7	62,600	18.7	44,300	3.9
SE072	EC	P	54,900	17.3	60,000	5.4	61,300	25.3	49,000	4.6	59,000	24.3	43,000	4.1
	EC	F	72,000	16.1	81,400	4.9	78,000	22.4	67,400	4.4	74,700	18.4	54,000	3.8

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% antifreeze solution.

Dimensional Data

Model	Cabinet Configuration	Overall Cabinet (in)		
		Depth	Width	Height
		D	W	H
SE006-SE012	Horizontal	43.1	22.4	17.3
	Vertical	21.6	22.4	34.5
SE018	Horizontal	62.2	22.4	19.3
	Vertical	25.6	22.4	44.6
SE024	Horizontal	62.2	22.4	19.3
	Vertical	25.6	22.4	48.5
SE036	Horizontal	71.2	25.4	21.3
	Vertical	30.6	25.4	50.5
SE048	Horizontal	76.2	25.4	21.3
	Vertical	30.6	25.4	54.5
SE060-SE072	Horizontal	81.2	25.4	21.3
	Vertical	30.6	25.4	58.5

Note: For Vertical Downflow cabinet configurations, please refer to the Product Catalog for dimensional data.



LEGEND
ASP = ADDITIONAL SERVICE PANEL (OPTIONAL ACCESS)
BSP = BLOWER SERVICE PANEL
CCP = CONTROL/COMPRESSOR ACCESS PANEL

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Part#: LC3042 | Revised: June 05, 2026

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