CLIMATEMASTER®

A NIBE GROUP MEMBER

TRANQUILITY®
(SD) CONSOLE SERIES

COMMERCIAL | Model: SD09 | 60 Hz – R-454B

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

The Tranquility® (SD) Console Series unit provides a high efficiency WSHP "ductless" solution for spaces where individual, quiet control of the heating and cooling system is important. The Tranquility SD is especially ideal where ceiling height and space are limited. Not only does the Tranquility SD exceed ASHRAE 90.1 efficiency standards, but it also uses R-454B low Global Warming Potential (GWP) refrigerant, making it an extremely environmentally friendly space conditioning product solution.

The SD Series Advantage

STANDARD FEATURES

- All sizes 09 (¾ ton, 2.64 kW) through 18 (1 ½ ton, 5.3 kW) exceed ASHRAE 90.1 efficiencies

- High efficiency rotary compressors

- Galvanized steel cabinet with durable Polar Ice or Bright White powder coat finish

- Slope top/aluminum rigid bar supply air grille

- TXV metering device

- Microprocessor controls with 8 standard safeties

- Right or left-hand piping arrangement

- Front or bottom return air configuration

- Unit Performance Sentinel ™ performance monitoring system

- Communicating CXM2 controls for reduced start-up, commissioning, and service time including remote access and diagnosis

CONFIGURABLE OPTIONS

- Unit sub-base with black or Bright White matte finish - Available with or without fresh air motorized damper

- UltraQuiet sound attenuation package

- Refrigerant Detection System (RDS) (optional for all sizes)

- BACnet, Modbus, and Johnson Controls N2 compatibility options for Building Management Systems (BMS)

- Unit integrated power disconnect

- High efficiency Constant Torque (CT) EC motors (standard on size 18)

- Extended range insulation for geothermal applications

- vFlow® unit-integrated modulating water valve for maximum water-flow control

- 115/60/1 voltage - With or without 20 AMP plug and cord

TRANQUILITY (SD) CONSOLE SERIES

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

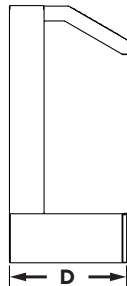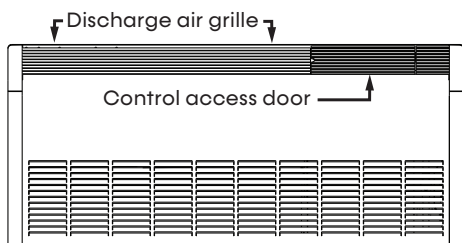| Model	Motor Type	Water Loop Heat Pump				Ground Water Heat Pump				Ground Loop Heat Pump			
		Cooling 86°F		Heating 68°F		Cooling 59°F		Heating 50°F		Full Cooling 77°F		Full Heating 32°F	
		Capacity Btuh	EER Btuh/W	Capacity Btuh	COP	Capacity Btuh	EER Btuh/W	Capacity Btuh	COP	Capacity Btuh	EER Btuh/W	Capacity Btuh	COP
SD09	PSC	8,500	13.3	11,400	4.5	9,500	21.5	9,500	3.8	8,800	15.0	7,300	3.2
	EC	8,600	14.0	11,300	4.6	9,600	23.0	9,400	4.0	8,900	16.5	7,200	3.3
SD12	PSC	11,300	13.0	14,300	4.5	13,000	19.0	11,800	3.9	11,800	15.0	9,200	3.3
	EC	11,600	13.5	14,500	4.5	13,100	20.0	11,900	3.9	12,200	15.5	9,200	3.3
SD15	PSC	13,700	12.9	17,500	4.7	15,700	18.9	14,600	4.0	14,500	14.8	11,400	3.3
	EC	13,800	13.2	18,000	4.8	16,000	19.4	14,700	4.0	14,700	15.0	11,500	3.3
SD18	EC	17,000	13.0	23,000	4.2	20,000	20.0	19,000	3.8	18,000	15.0	15,000	3.3

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.
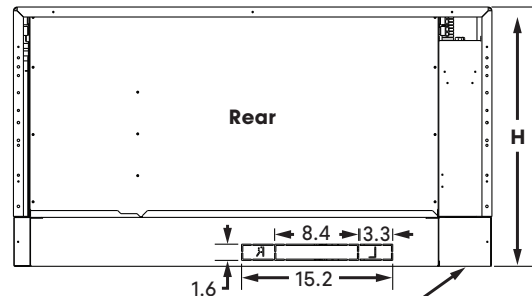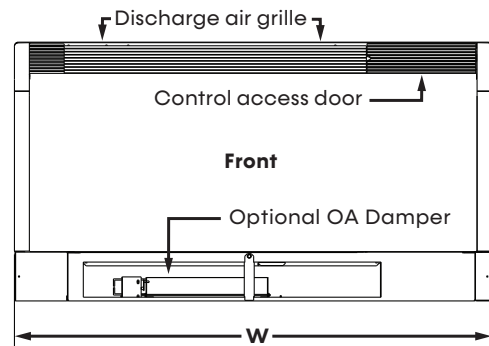
Dimensional Data

Size	Model	Overall Cabinet (inches)		
		Depth	Width	Height
		D	W	H
SD009-SD015	No Subbase	12	48	21
	3" Subbase	12	48	24
	5" Subbase	12	48	26
	Extended Cabinet/No Subbase	12	54	21
	Extended Cabinet/3" Subbase	12	54	24
	Extended Cabinet/5" Subbase	12	54	26
SD018	No Subbase	12	54	21
	5" Subbase	12	54	26
	Extended Cabinet/No Subbase	12	60	21
	Extended Cabinet/5" Subbase	12	60	26

Note: All dimensions shown in inches

Bottom Return
(Left-Hand Piping)

Discharge air grille
Control access door
Front
Optional OA Damper
W

Front Return
(Right-Hand Piping)

Discharge air grille
Control access door
D

Rear
H
8.4
3.3
1.6
15.2

Bottom access for piping and electric (note 2)

Notes:
1. All dimensions are in inches. See the dimensional tables for measurements in cm.
2. Access is reduced if the optional disconnect box is selected.
3. The optional autoflow regulator, motorized water valve, and disconnect box are not shown.
4. Filter is 1-inch (25 mm) thick fiberglass throwaway.
5. See Product Catalog or Revit files for more dimensional details.

Part#: LC3051 | Created: June 18, 2025