

Job Name _____
Purchaser _____
Submitted to _____
Unit Designation _____

Location _____
Engineer _____
Reference ☐ Approval ☐ Construction ☐
Schedule # _____

Specifications

Performance	Nominal Capacity ¹	Cooling (Btu/h)	7,500
		Heating (Btu/h)	8,500
	Condensate ²	Pints/Hour	1.1
Power	Voltage (øV/Hz)		1 / 208-230 / 60
	Nominal Current (A): Cooling / Heating		0.13 / 0.15
Fan	Type		Crossflow
	Motor	Type	BLDC Motor (1)
		Output (W)	27
Airflow	CFM (UL)	L/M/H	141 / 166 / 191
Refrigerant	Type		R410A
	Control Method		Electronic Expansion Valve
Piping Connections	Liquid (flare)	Inches	1/4
	Suction (flare)	Inches	1/2
	Drain	Inches	ID 11/16 Hose
Unit Dimensions	W X H X D	Inches	29 1/2 X 9 13/16 X 9 11/16
	Weight	lbs.	17.9
Sound Level	L / M / H	dB	25 / 29 / 33
Accessories	External Contact Control		☐ MIM-B14
	Condensate Pump	Aspen Mini Orange	☐ ASP-MO-UNIV 110-250
		Blue Diamond	☐ BD-BLUE230
	External Temperature Sensor		☐ MRW-TA
Safety Certifications			ETL



• Compatible with Samsung DVM S, DVM S Water, and DVM Eco systems (AM*****/AA).

• Electro-static, washable, main filter as standard accessible from the front/top of unit

• Access to wire, pipe, and drain connections via removeable bottom panel for easier installation and service.

• The unit shall have LED indicator lights, IR receiver, and 1 motorized louver

• High-voltage terminal block temperature sensor to disable unit in the event overheating of power connection.

Construction

HIPS chassis certified to UL94 V0 with galvanized steel mounting bracket

Heat Exchanger

The heat exchanger shall be mechanically bonded fin to copper tube

Indoor Fan

Indoor fan is a single, antibacterial, crossflow type

Three fan speed settings and auto setting

Controls

The unit shall be operated via a wireless or wired remote control with DDC type signal

The unit shall integrate with the Samsung NASA Controls Network Solution

Controls shall integrate with a BMS system

Control wiring shall be 2 X 16 AWG shielded wire

¹ Nominal cooling capacities are based on: Indoor temperature: 80 °F DB, 67°F WB. Outdoor temperature: 95°F DB, 75°F WB.
Nominal heating capacities are based on: Indoor temperature: 70 °F DB, 60°F WB. Outdoor temperature: 47°F DB, 43°F WB.

² Condensate amount based on: Indoor temperature 80°F DB, 67°F WB. Outdoor temperature: 95°F DB, 75°F WB

Samsung HVAC maintains a policy of ongoing development, specifications are subject to change without notice.

