

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	Pints/Hour	2.4
Power	Voltage (øV/Hz)		1 / 208-230 / 60
	Nominal Running Current (A)		0.25
Fan	Type		Crossflow
	Motor	Type	Feedback SSR (1)
		Output (W)	23
Airflow	CFM (UL)	H/M/L	275 / 240 / 205
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	32 1/2 X 11 1/4 X 7 1/2
	Weight	lbs.	19
Sound Level	H / L	dB	31 / 27
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 & ETLc



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

• Electro-static, washable, pleated filters as standard (included with unit)

• Supplemental, replaceable, anti-allergy and deodorizing filters included as standard

• 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

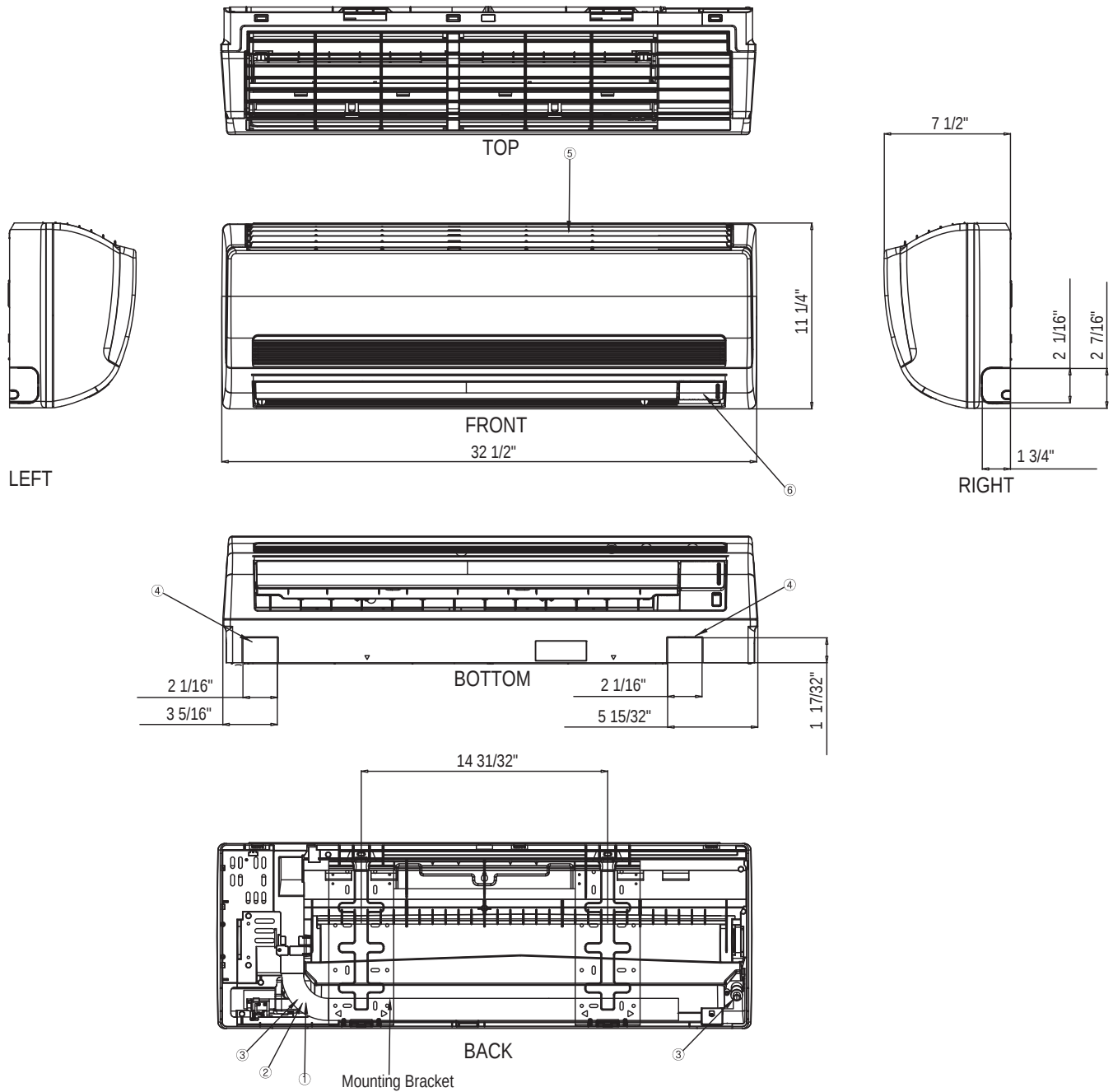
Controls shall integrate with a BMS system

Control wiring shall be 2 X 16 AWG shielded wire

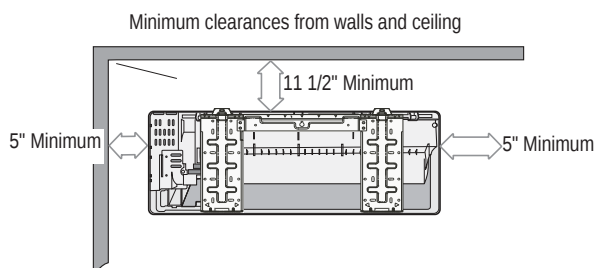
¹ Nominal cooling capacities are based on: Indoor temperature: 80 °F DB, 67°F WB. Outdoor temperature: 95°F DB, 75°F WB.

Nominal heating capacities are based on: Indoor temperature: 70 °F DB, 60°F WB. Outdoor temperature: 47°F DB, 43°F WB.

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



No.	Name	Description
①	Liquid Pipe Connection	Ø 1/4" Flare
②	Gas Pipe Connection	Ø 1/2" Flare
③	Drain Pipe Connection	ID 11/16" Hose
④	Optional Cabinet Penetration Opening	-
⑤	Air Inlet Grille	-
⑥	Air Outlet Louver	-



Pipe hole locations for straight-through wall penetrations

