

Job Name \_\_\_\_\_  
 Purchaser \_\_\_\_\_  
 Submitted to \_\_\_\_\_  
 Unit Designation \_\_\_\_\_

Location \_\_\_\_\_  
 Engineer \_\_\_\_\_  
 Reference \_\_\_\_\_ Approval \_\_\_\_\_ Construction \_\_\_\_\_  
 Schedule # \_\_\_\_\_

**Specifications**

Performance	Nominal Capacity <sup>1</sup>	Cooling (Btu/h)	18,000 (12,200 SH)
		Heating (Btu/h)	20,000
	Condensate	Pints/Hour	6.1
Power	Voltage (ø/V/Hz)		1 / 208-230 / 60
	Nominal Running Current (A)		0.36
Fan	Type		Crossflow
	Motor	Type	Feedback SSR (1)
		Output (W)	40
Airflow	CFM (UL)	H/M/L	424 / 371 / 318
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	41 7/8 X 11 3/4 X 8 5/8
	Weight	lbs.	28
Sound Level	H / L	dB	44 / 38
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

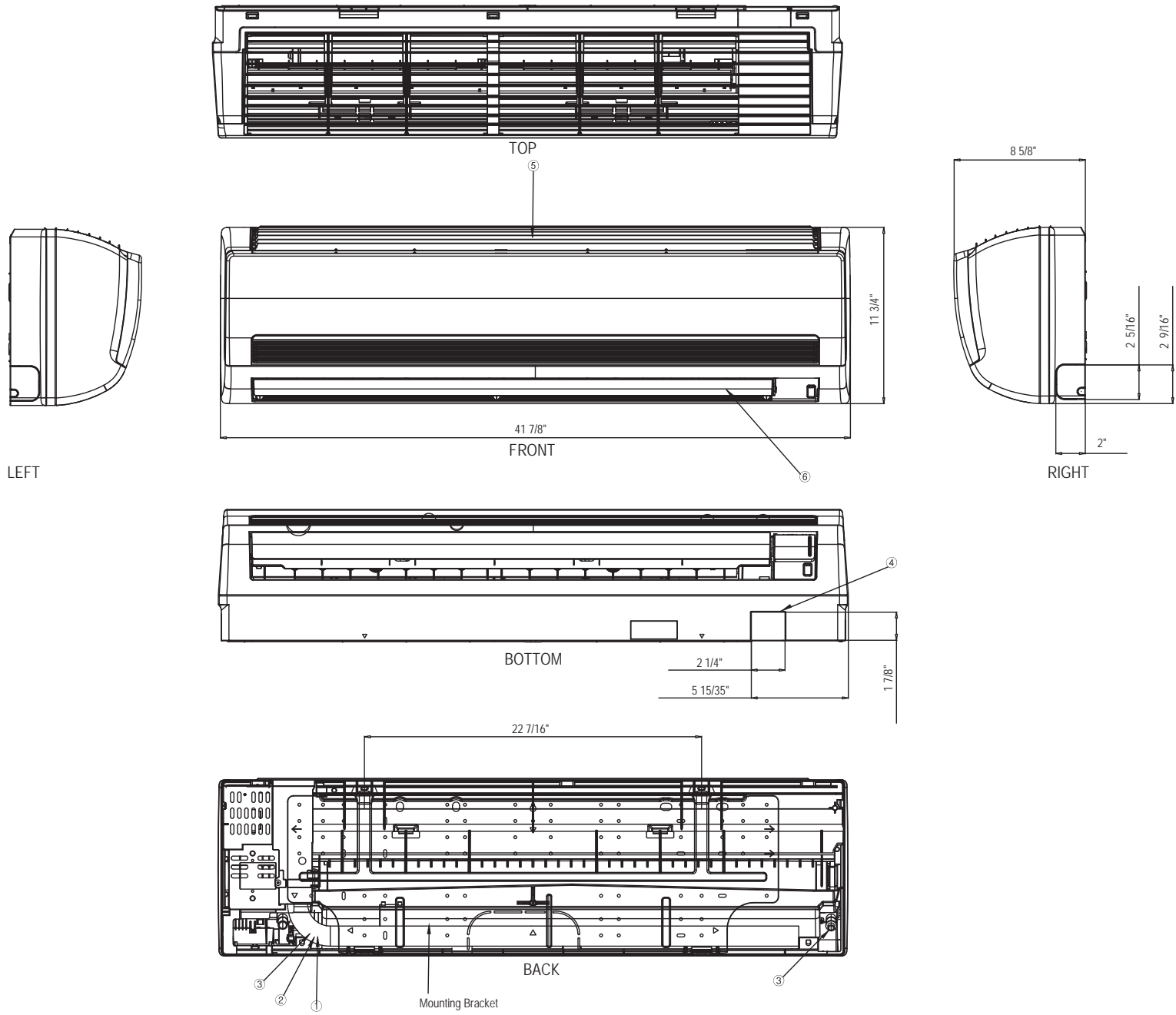
The unit shall integrate with the Samsung NASA Controls Network Solution

Controls shall integrate with a BMS system

Control wiring shall be 2 X 16 AWG shielded wire

<sup>1</sup> 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	-

