

Job Name _____
Purchaser _____
Submitted to _____
Unit Designation _____

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

Specifications

Performance	Nominal Capacity ¹	Cooling (Btu/h)	48,000
		Heating (Btu/h)	54,000
Power	Voltage (ø/V/Hz)		1 / 208 - 230 / 60
	Current Input	Cooling/Heating (A)	1.45 / 1.45
	MCA		1.4
	MOP		15
Fan	Type		Sirocco X 4
	Motor	Type	BLDC
		Output (W)	355 X 1
Airflow	CFM (UL)	L/M/H	918/ 1,088 / 1,286
Refrigerant	Type		R410A
	Control Method		Electronic Expansion Valve
Piping Connections	Liquid (flare)	Inches	3/8
	Suction (flare)	Inches	5/8
	Drain	Inches	VP25 (OD 1 1/4, ID 1)
Unit Dimensions	W X H X D	Inches	64 15/16 X 9 1/4 X 26 9/16
	Weight	lbs.	93.7
Sound Level	L/M/H	dB	38 / 43 / 46
Accessories	External Temperature Sensor		☐ MRW-TA
	External Contact Control		☐ MIM-B14
	Wireless Controller		☐ AR-EH03U
	Condensate Pump	Aspen Maxi Orange	☐ ASP-MAXO-UNIV
		Blue Diamond	☐ BD-BLUE230
	CN83 Pigtail (for external float switch connection)		☐ DB39-01263A
Safety Certifications			ETL (UL 1995)



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

• Washable electro-static filter as standard (included with unit)

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

• Power and pipe connections are easily accessible from one side of the unit for simple installation and service.

• Powerful air throw for large areas

• Fresh air inlet to allow simple introduction of outside air.

Construction

HIPS chassis certified to UL94 V0 with a galvanized steel base.

Heat Exchanger

The heat exchanger shall be mechanically bonded fin to copper tube

Indoor Fan

Indoor fan shall be sirocco type (4)

Three fan speed settings and auto setting

Controls

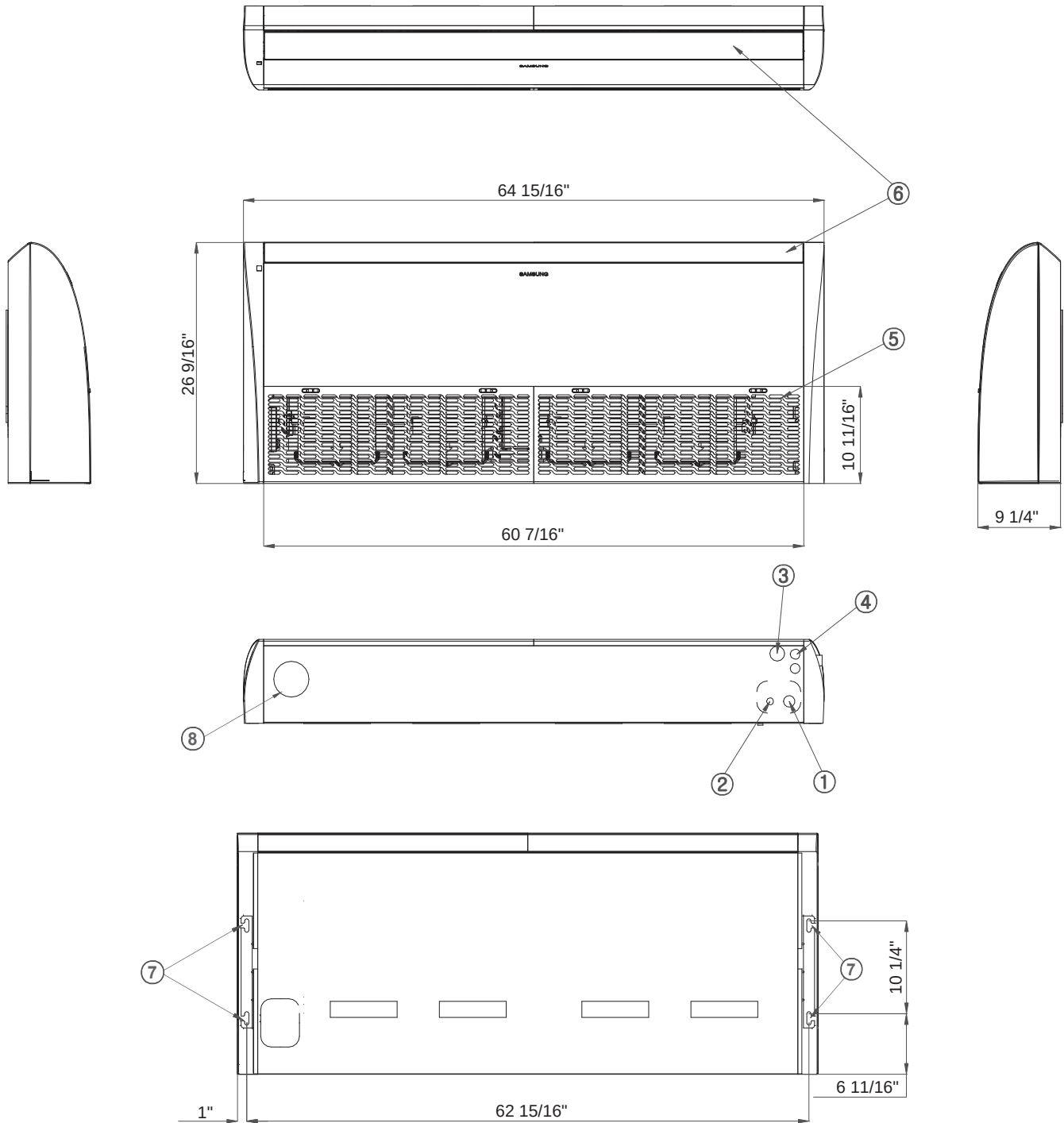
The unit shall be operated via a wireless or wired remote control with DDC type signal

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	No.	Name
1	Gas Pipe Opening	5	Air Inlet
2	Liquid Pipe Opening	6	Discharge Air
3	Drain Pipe Opening	7	Suspension Hook
4	Conduit Opening	8	Fresh Air Inlet (4")