

Job Name

Purchaser

Submitted to

Unit Designation

Location

Engineer

Reference

☐

Approval

☐

Construction

☐

Schedule #

Specifications

Performance¹	Nominal Capacity	Cooling (Btu/h)	6,300
		Heating (Btu/h)	7,100
Power	Voltage (ø/V/Hz)		1 / 208-230 / 60
	Nominal Running Current (A)		0.17
	MCA		0.40
	MOP		15
Fan	Type		Turbo (1)
	Motor	Type	BLDC
		Output (W)	65
Airflow	CFM (UL)	L / M / H	353 / 459 / 547
Refrigerant	Type		R410A
	Control Method		Electronic Expansion Valve
Piping Connections	Liquid (flare)	Inches	1/4
	Suction (flare)	Inches	1/2
	Drain	Inches	VP25 (OD 1 1/4, ID 1)
Unit Dimensions	W X H X D	Inches	33 1/16 X 9 11/16 X 33 1/16
	Weight	lbs.	39.7
Fascia Panel (required)²	Model Number (WindFree™)		PC4NUFMUN
	L X W X H	Inches	37 3/8 X 37 3/8 X 2 1/2
	Weight	lbs.	13.89
Sound Level	L / M / H	dB(A)	26 / 28 / 30
Accessories	Fascia Panel (WindFree™)		☒ PC4NUFMUN
	External Contact Control		☐ MIM-B14U
	Motion Occupancy Sensor		☐ MCR-SMCU
	External Temperature Sensor		☐ MRW-TAU
	Wireless Remote Controller		☐ AR-EH04U
	CN83 Pigtail (for 12VDC VENT output)		☐ DB39-01263A
	MTFC - Multi-Tenant Function Controller		☐ MCM-C210N
	MERV 13 Filter		☐ MF-C6A0
Safety Certifications		ETL (UL 1995)	



- Compatible with Samsung DVM S, DVM S2, DVM S Water, and DVM S Eco systems (AM*****AA).
- Electro-static, washable, pleated filters as standard (included with fascia panel)
- Built in condensate pump with maximum 29" lift from the bottom of the unit, check valve, and float switch that disables indoor unit during overflow detection
- Knock-out for outside air capability
- Fascia panel shall have LED indicator lights and 4 motorized louvers with independent control (32° - 65° louver control range)
- High-voltage terminal block temperature sensor to disable unit in the event overheating of power connection.
- WindFree™ function will close the supply air outlet louver while in cooling mode to gently disperse cool air into the space without blowing directly onto occupants. The WindFree™ feature is optional and can be enabled using central or local control options (MWR-SH11UN, MWR-WE13N, MWR-WE13UN, MWR-WG00*N, and AR-EH03U only).
- The WindFree™ 4-way cassette can be configured for 2-stage operation, cooling the space with the louver open (fixed or swing) until the room temperature nears set temperature. Once room temperature is near set temperature, WindFree™ operation will start automatically, closing the louver and using the face of the fascia panel to gently cool the space with still air*.
- The WindFree™ panel (PC4NUFMUN) has an integral humidity sensor that will open the louvers for standard cool mode when space conditions could potentially cause condensation formation on the panel surface.

Construction
Insulated, HIPS chassis with a galvanized steel frame and fascia panel certified to UL94 V0.

Heat Exchanger
The heat exchanger shall be mechanically bonded fin to copper tube

Indoor Fan
Indoor fan is a single turbo 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

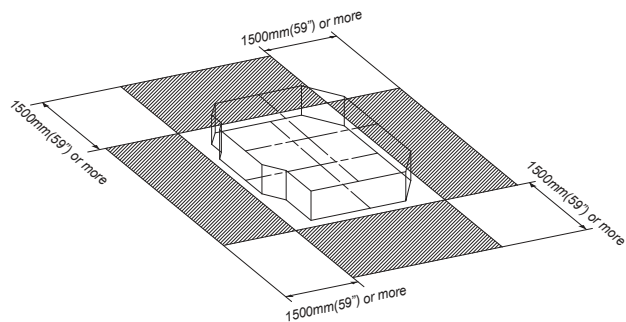
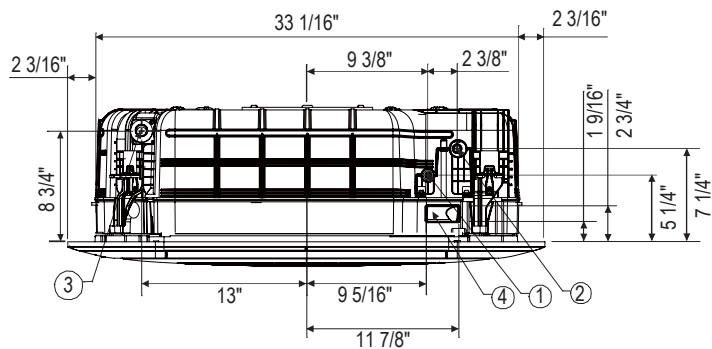
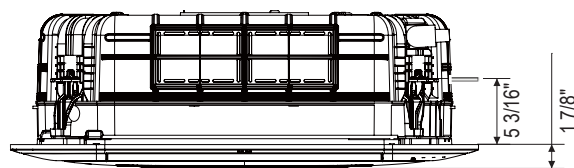
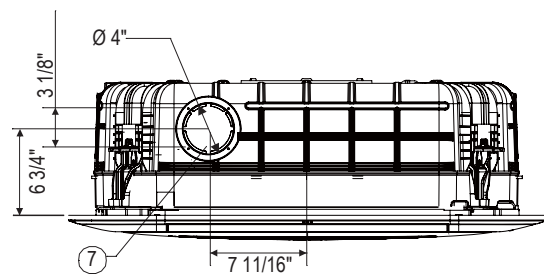
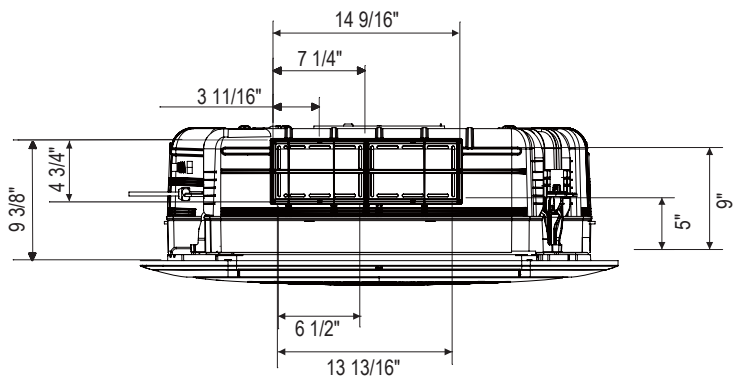
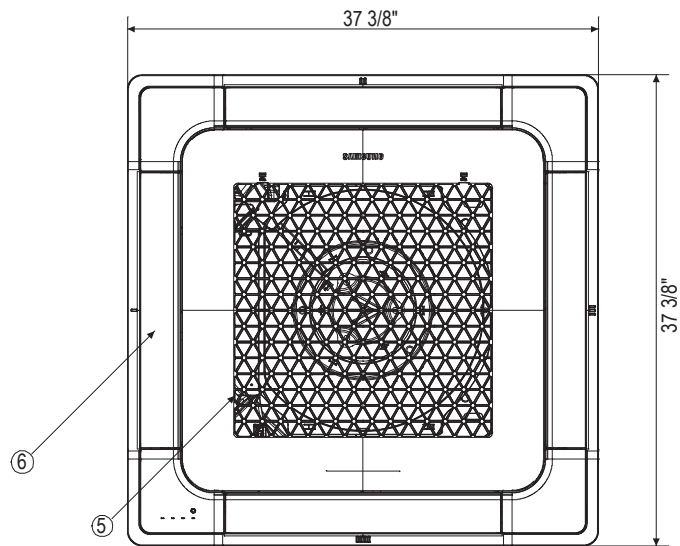
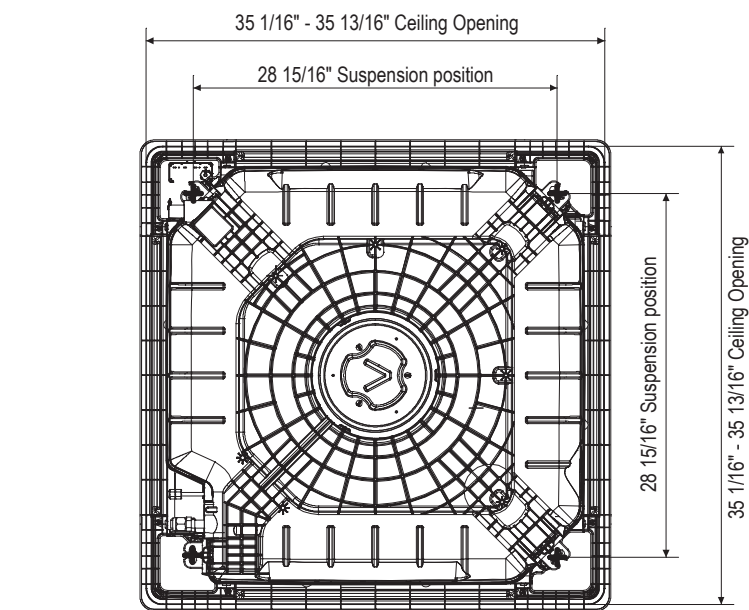
Control wiring shall be 2 X 16 AWG shielded wire

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

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 A fascia panel is required for unit operation and is sold separately.

*The WindFree™ unit delivers an air current that is under 0.15 m/s while in WindFree™ mode. Air velocity that is below 0.15 m/s is considered "still air" as defined by ASHRAE (American Society of Heating, Refrigerating, and Air-Conditioning Engineers).



Proper clearance must be maintained around unit for proper operation.

No.	Name	Description
①	Liquid Pipe Connection	Ø 1/4" Flare
②	Gas Pipe Connection	Ø 1/2" Flare
③	Drain Pipe Connection	OD 1 1/4", ID 1"
④	Conduit for Power & Communication Wiring	-
⑤	Air Inlet Grille	-
⑥	Air Outlet Louver	-
⑦	Fresh Air Intake	Ø 4 "