

Job Name _____
 Purchaser _____
 Submitted to _____
 Unit Designation _____

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

Specifications

| | | | |
|-------------------------|--------------------------------------|-----------------|----------------------------|
| Performance | Nominal Capacity | Cooling (Btu/h) | 18,000 (13,600 SH) |
| | | Heating (Btu/h) | 20,000 |
| | Condensate | Pints/Hour | 4.7 |
| Power | Voltage (ø/V/Hz) | | 1 / 208-230 / 60 |
| | Nominal Running Current (A) | | 0.27 |
| Fan | Type | | Turbo (1) |
| | Motor | Type | Non Feedback SSR |
| | | Output (W) | 65 |
| Airflow | CFM (UL) | H/M/L | 459 / 388 / 336 |
| Refrigerant | Type | | R410A |
| | Control Method | | Electronic Expansion Valve |
| Piping Connections | Liquid (flare) | Inches | 1/4 |
| | Suction (flare) | Inches | 1/2 |
| | Drain | Inches | VP20 (OD 1, ID 3/4) |
| Unit Dimensions | W X H X D | Inches | 22 5/8 X 9 7/8 X 22 5/8 |
| | Weight | lbs. | 26.5 |
| Fascia Panel (required) | Model Number | | PC4SUSMFN |
| | L X W X H | Inches | 24 3/8 X 24 3/8 X 2 3/16 |
| | Weight | lbs. | 5.07 |
| Sound Level | H / M / L | dB(A) | 39 / 36 / 32 |
| Accessories | Fascia Panel | | PC4SUSMFN |
| | External Contact Control | | MIM-B14 |
| | Motion Occupancy Sensor | | MCR-SMA |
| | External Temperature Sensor | | MRW-TA |
| | Wireless Remote Controller | | MR-EH00U |
| | CN83 Pigtail (for 12VDC VENT output) | | DB39-01263A |
| Safety Certifications | | ETL (UL 1995) | |

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.



- Compatible with Samsung DVM S, DVM S Water, and DVM Eco systems (AM*****/AA).
- Electro-static, washable, pleated filters as standard (included with fascia panel)
- Built in condensate pump with maximum 29" lift, check valve, and float switch that disables the 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.

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

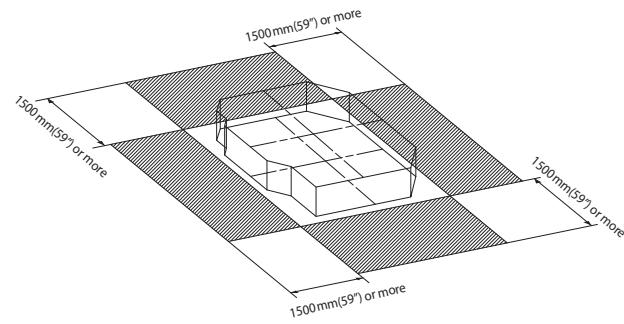
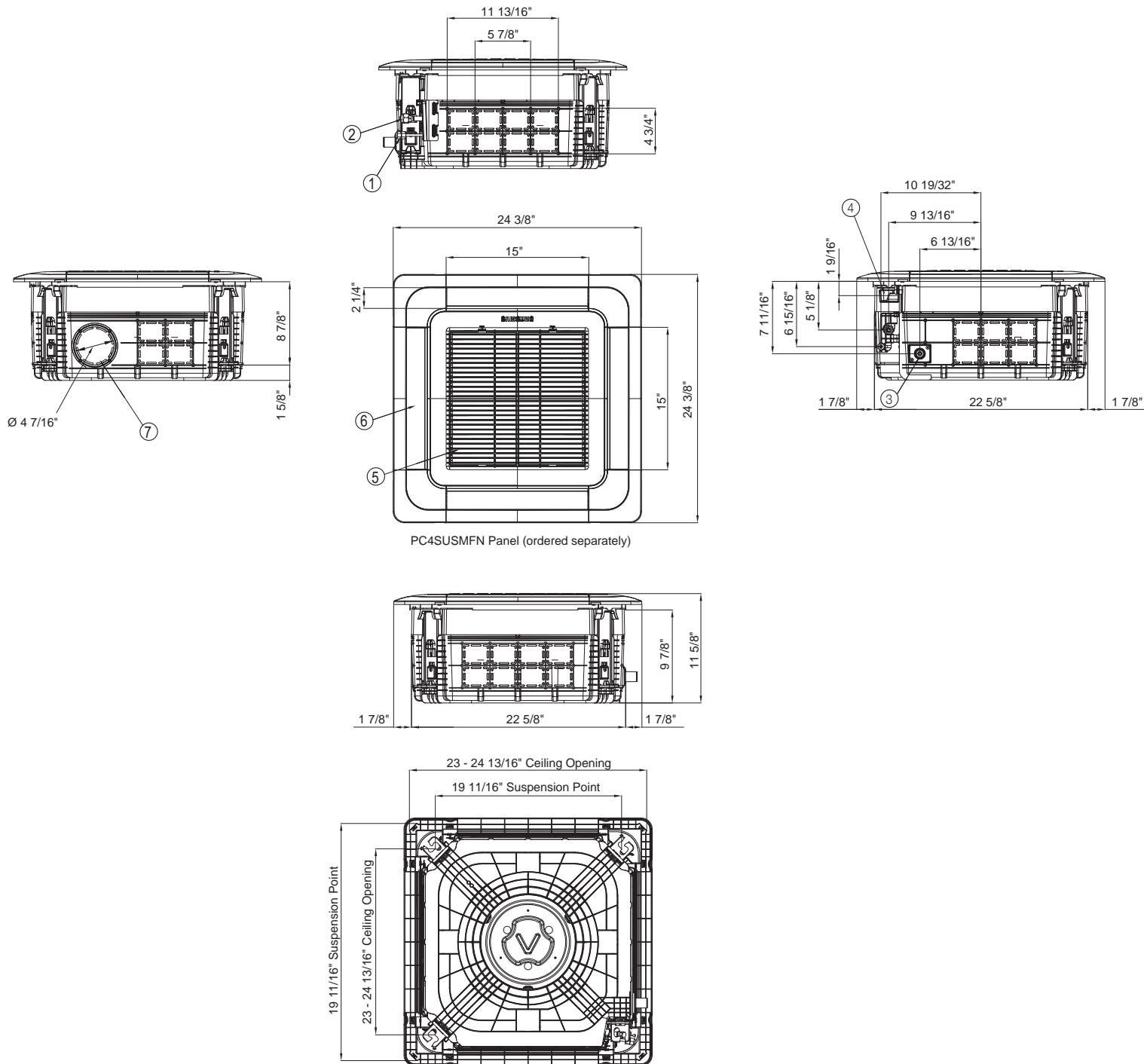
Controls

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

Controls shall integrate with a BMS system

Control wiring shall be 2 X 16 AWG shielded wire



| No. | Name | Description |
|-----|--|------------------------------|
| ① | Liquid Pipe Connection | Ø 1/4" Flare |
| ② | Gas Pipe Connection | Ø 1/2" Flare |
| ③ | Drain Pipe Connection | Quick Lock, 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 7/16" |

Proper clearance must be maintained around unit for proper operation.