SAMSUNG

SUBMITTAL AJ009JNNDCH/AA

Samsung FJM Series, Mini 4-Way Cassette

Job Name _____ Location _____

Purchaser _____ Engineer _____

Submitted to _____ Reference ☐ Approval ☐ Construction ☐

Unit Designation _____ Schedule # _____

Specifications

Performance	Nominal Capacity	Cooling (Btu/h)	8,900
		Heating (Btu/h)	9,900
	Condensate	Pints/Hour	1.7
Power	Voltage (ø/V/Hz)		1 / 208-230 / 60
	Nominal Running Current (A)		0.51
Fan	Type		Turbo (1)
	Motor	Type	BLDC (1)
		FLA / Output	0.17A / 24 W
Airflow	CFM	L/M/H	245 / 290 / 350
Refrigerant	Type		R410A
	Control Method		Electronic Expansion Valve (at outdoor unit)
Piping Connections	Liquid (flare)	Inches	1/4
	Suction (flare)	Inches	3/8
	Drain	Inches	OD 1 1/4, ID 1
Unit Dimensions	W X H X D	Inches	22 5/8 X 10 X 22 5/8
	Weight	lbs.	24.25
Fascia Panel	Model Number		PC4SUSMB
	L X W X H	Inches	26 1/2 X 1 3/8 X 26 1/2
	Weight	lbs.	8
Sound Level	L / H	dB	27 / 33
Accessories	External Contact Control		☐ MIM-B14
	Motion Occupancy Sensor		☐ MCR-SMA
	Wireless Remote Controller		☐ MR-EH00U
	Premium Wired Controller W/Scheduling		☐ MWR-WE10
	Standard Wired Controller		☐ MWR-WH02
	Line sets - insulated and flared, interconnect cables included		☐ 25' - ILS2506
			☐ 50' - ILS5006
Safety Certifications			ETL & ETLc

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 and Quietside maintains a policy of ongoing development, specifications are subject to change without notice.

- Electro-static, washable, pleated filters as standard (included with fascia panel)
- The unit shall ship with a fascia panel (when ordered as a system)
- Built in condensate pump and check valve with maximum 29" lift
- Knock-out for outside air capability (with booster fan connection)
- Fascia panel shall have LED indicator lights, IR receiver, and 4 motorized louvers with independent control.
- High-voltage terminal block temperature sensor to disable unit in the event overheating of power connection.
- The indoor unit shall be powered by the outdoor unit

Construction
Galvanized steel frame with HIPS chassis 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
Control signal shall be a DDC type signal

Interconnect control wire between outdoor and indoor shall be 16AWG X 2 shielded

Controls shall integrate with a BMS system

The system shall integrate with the Samsung Controls Solution.

Compatibility
Will only operate with Samsung outdoor unit model numbers: AJ020JCJ2CH/AA, AJ024JCJ3CH/AA, AJ036JCJ5CH/AA.

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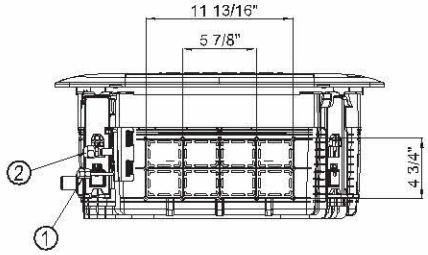
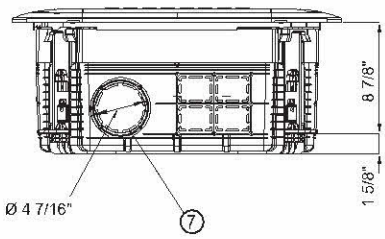
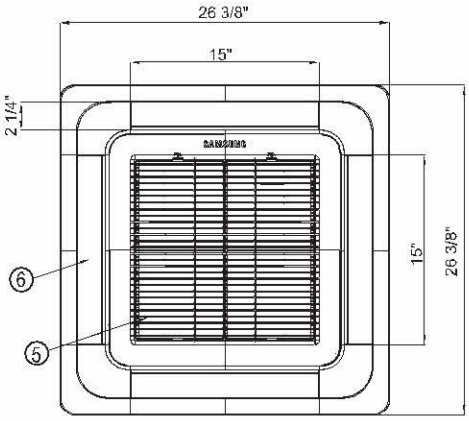
SUBMITTAL AJ009JNNDCH/AA

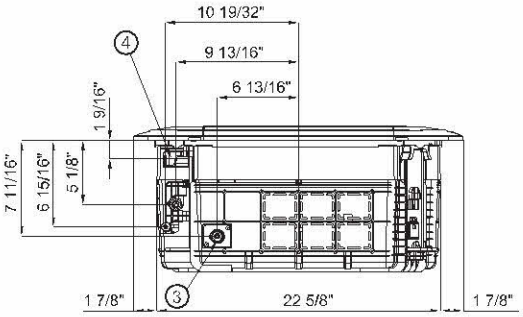
Samsung FJM Series, Mini 4-Way Cassette

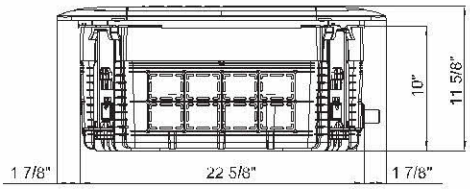


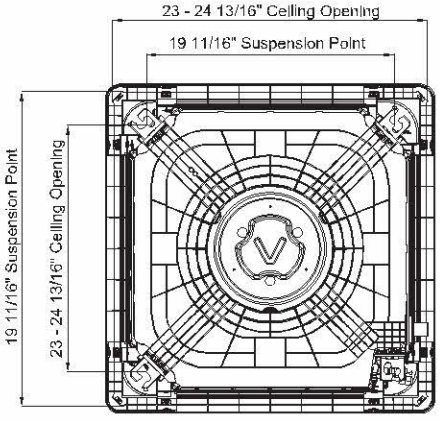


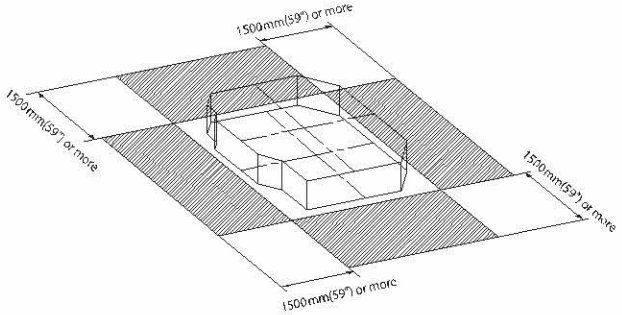


PC4SUSMEN Panel









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 3/8" Flare
③	Drain Pipe Connection	OD 1 1/4", ID 1"
④	Condult for Power & Communication Wiring	-
⑤	Air Inlet Grille	-
⑥	Air Outlet Louver	-
⑦	Fresh Air Intake	Ø 4 7/16"

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SUBMITTAL AJ012JNNDCH/AA

Samsung FJM Series, Mini 4-Way Cassette

Job Name _____ Location _____

Purchaser _____ Engineer _____

Submitted to _____ Reference ☐ Approval ☐ Construction ☐

Unit Designation _____ Schedule # _____

Specifications

Performance	Nominal Capacity	Cooling (Btu/h)	11,900
		Heating (Btu/h)	13,000
	Condensate	Pints/Hour	2.8
Power	Voltage (ø/V/Hz)		1 / 208-230 / 60
	Nominal Running Current (A)		0.52
Fan	Type		Turbo (1)
	Motor	Type	BLDC (1)
		FLA / Output	0.17A / 24 W
Airflow	CFM	L/M/H	260 / 320 / 380
Refrigerant	Type		R410A
	Control Method		Electronic Expansion Valve (at outdoor unit)
Piping Connections	Liquid (flare)	Inches	1/4
	Suction (flare)	Inches	3/8
	Drain	Inches	OD 1 1/4, ID 1
Unit Dimensions	W X H X D	Inches	22 5/8 X 10 X 22 5/8
	Weight	lbs.	24.25
Fascia Panel	Model Number		PC4SUSMB
	L X W X H	Inches	26 1/2 X 1 3/8 X 26 1/2
	Weight	lbs.	8
Sound Level	L / H	dB	27 / 35
Accessories	External Contact Control		☐ MIM-B14
	Motion Occupancy Sensor		☐ MCR-SMA
	Wireless Remote Controller		☐ MR-EH00U
	Premium Wired Controller W/Scheduling		☐ MWR-WE10
	Standard Wired Controller		☐ MWR-WH02
	Line sets - insulated and flared, interconnect cables included		☐ 25' - ILS2506
			☐ 50' - ILS5006
Safety Certifications			ETL & ETLc

- Electro-static, washable, pleated filters as standard (included with fascia panel)
- The unit shall ship with a fascia panel (when ordered as a system)
- Built in condensate pump and check valve with maximum 29" lift
- Knock-out for outside air capability (with booster fan connection)
- Fascia panel shall have LED indicator lights, IR receiver, and 4 motorized louvers with independent control.
- High-voltage terminal block temperature sensor to disable unit in the event overheating of power connection.
- The indoor unit shall be powered by the outdoor unit

Construction
Galvanized steel frame with HIPS chassis 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
Control signal shall be a DDC type signal

Interconnect control wire between outdoor and indoor shall be 16AWG X 2 shielded

Controls shall integrate with a BMS system

The system shall integrate with the Samsung Controls Solution.

Compatibility
Will only operate with Samsung outdoor unit model numbers: AJ020JCJ2CH/AA, AJ024JCJ3CH/AA, AJ036JCJ5CH/AA.

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.
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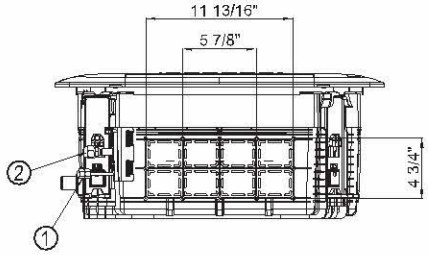
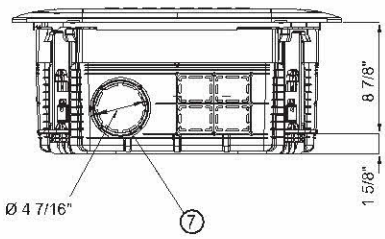
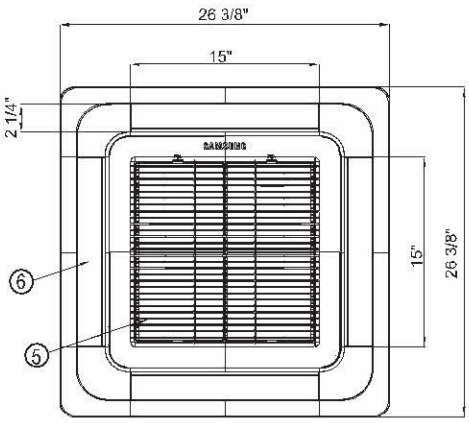
SUBMITTAL AJ012JNNDCH/AA

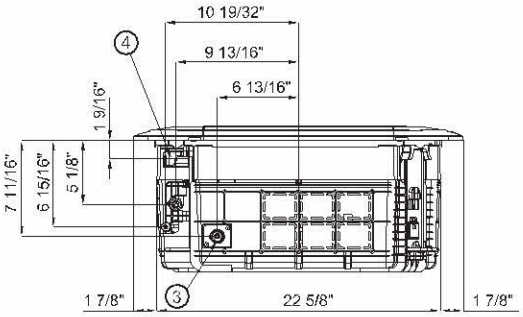
Samsung FJM Series, Mini 4-Way Cassette

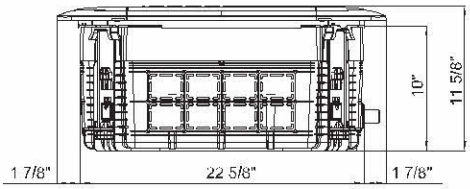


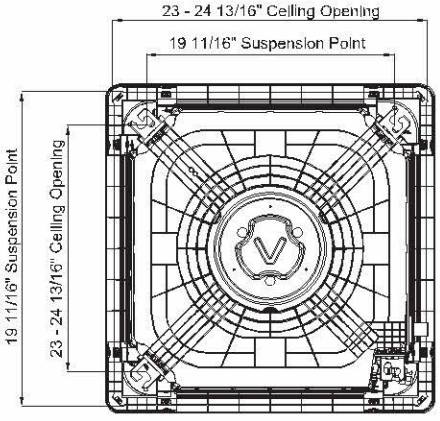


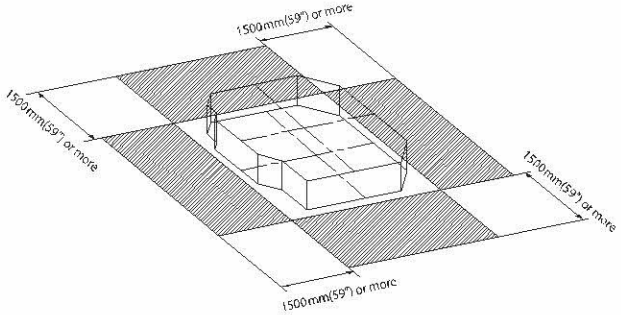


PC4SUSMEN Panel









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 3/8" Flare
③	Drain Pipe Connection	OD 1 1/4", ID 1"
④	Condult for Power & Communication Wiring	-
⑤	Air Inlet Grille	-
⑥	Air Outlet Louver	-
⑦	Fresh Air Intake	Ø 4 7/16"

SAMSUNG

SUBMITTAL AJ018JNNDCH/AA

Samsung FJM Series, Mini 4-Way Cassette

Job Name _____ Location _____

Purchaser _____ Engineer _____

Submitted to _____ Reference ☐ Approval ☐ Construction ☐

Unit Designation _____ Schedule # _____

Specifications

Performance	Nominal Capacity	Cooling (Btu/h)	17,700
		Heating (Btu/h)	19,100
	Condensate	Pints/Hour	4.1
Power	Voltage (ø/V/Hz)		1 / 208-230 / 60
	Nominal Running Current (A)		0.53
Fan	Type		Turbo (1)
	Motor	Type	BLDC (1)
		FLA / Output	0.17A / 24 W
Airflow	CFM	L/M/H	260 / 320 / 380
Refrigerant	Type		R410A
	Control Method		Electronic Expansion Valve (at outdoor unit)
Piping Connections	Liquid (flare)	Inches	1/4
	Suction (flare)	Inches	1/2
	Drain	Inches	OD 1 1/4, ID 1
Unit Dimensions	W X H X D	Inches	22 5/8 X 10 X 22 5/8
	Weight	lbs.	25.79
Fascia Panel	Model Number		PC4SUSMB
	L X W X H	Inches	26 1/2 X 1 3/8 X 26 1/2
	Weight	lbs.	8
Sound Level	L / H	dB	32 / 39
Accessories	External Contact Control		☐ MIM-B14
	Motion Occupancy Sensor		☐ MCR-SMA
	Wireless Remote Controller		☐ MR-EH00U
	Premium Wired Controller W/Scheduling		☐ MWR-WE10
	Standard Wired Controller		☐ MWR-WH02
	Line sets - insulated and flared, interconnect cables included		☐ 25' - ILS2507
			☐ 50' - ILS5007
Safety Certifications			ETL & ETLc

Nominal cooling capacities are based on Indoor temperature of 80 °F DB, 67°F WB. Outdoor temperature: 95°F DB, 75°F WB.
Nominal heating capacities are based on Indoor temperature of 70 °F DB, 60°F WB. Outdoor temperature of 47°F DB, 43°F WB.
Samsung and Quietside maintains a policy of ongoing development, specifications are subject to change without notice.

- Electro-static, washable, pleated filters as standard (included with fascia panel)
- The unit shall ship with a fascia panel (when ordered as a system)
- Built in condensate pump and check valve with maximum 29" lift
- Knock-out for outside air capability (with booster fan connection)
- Fascia panel shall have LED indicator lights, IR receiver, and 4 motorized louvers with independent control.
- High-voltage terminal block temperature sensor to disable unit in the event overheating of power connection.
- The indoor unit shall be powered by the outdoor unit

Construction
Galvanized steel frame with HIPS chassis 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
Control signal shall be a DDC type signal

Interconnect control wire between outdoor and indoor shall be 16AWG X 2 shielded

Controls shall integrate with a BMS system

The system shall integrate with the Samsung Controls Solution.

Compatibility
Will only operate with Samsung outdoor unit model numbers: AJ024JCJ3CH/AA, AJ036JCJ5CH/AA.

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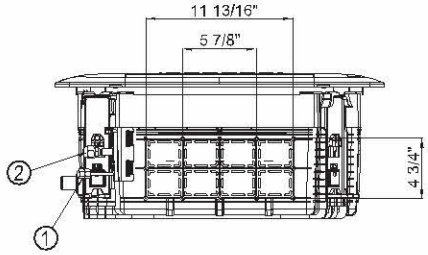
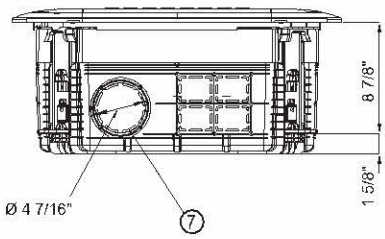
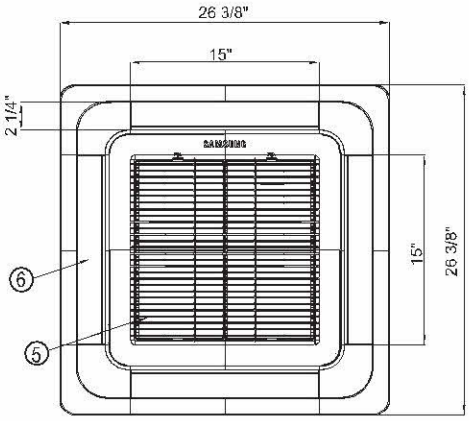
SUBMITTAL AJ018JNNDCH/AA

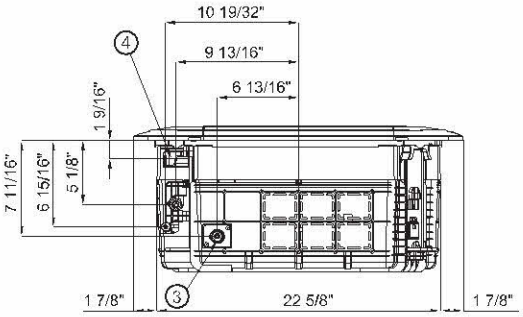
Samsung FJM Series, Mini 4-Way Cassette

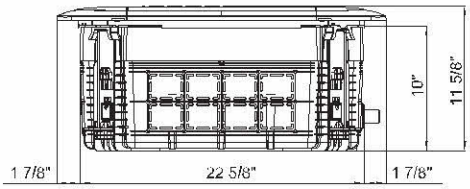


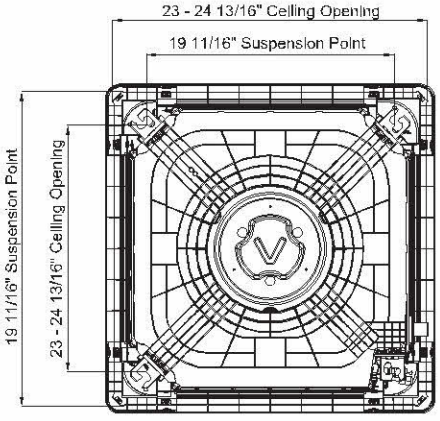


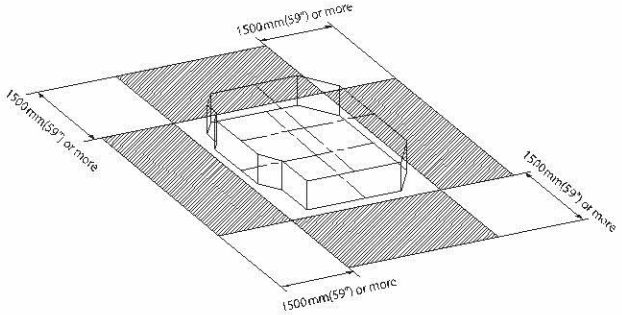


PC4SUSMEN Panel









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	Condult for Power & Communication Wiring	-
⑤	Air Inlet Grille	-
⑥	Air Outlet Louver	-
⑦	Fresh Air Intake	Ø 4 7/16"