Samsung FJM Series, Console Unit

Job Name	Location			
Purchaser	Engineer			
Submitted to	Reference	Approval	Construction	
Unit Designation	Schedule #			

Specifications

		Specifications		
Model	US Code		JNH09JDT	
Model	Model Number		AJ009TNJDCH/AA	
Performance	Nominal Capacity	Cooling (Btu/h)	8,900	
		Heating (Btu/h)	9,900	
Power	Voltage (ø/V/Hz)		1 / 208-230 / 60	
	Nominal Running Current (A)		0.25	
Fan	Туре		Turbo (1)	
	Motor	Туре	BLDC (1)	
		FLA / Output	0.35A / 35 W	
Airflow	CFM	L/M/H	212 / 240 / 265	
Refrigerant	Туре		R410A	
	Control Method		Electronic Expansion Valve (at outdoor unit)	
Piping Connections	Liquid (flare)	Inches	1/4	
	Suction (flare)	Inches	3/8	
	Drain	Inches	ID 1	
Unit Dimensions	WXHXD	Inches	28 3/8 X 24 7/16 X 7 13/16	
	Weight	lbs.	34.60	
Sound Level	L/M/H	dB(A)	33 / 35 / 38	
Accessories	Wired Controllers	Advanced	MWR-WG00UN	
		Simple Touch	MWR-SH11UN	
	Wireless Remote Controller		AR-EH03U	
	Wi-Fi Adapter For Remote Control¹		MIM-H04UN	
	External Temperature Sensor		MRW-TA	
	External Contact Control Interface Module		MIM-B14	
	CN83 Pigtail		DB39-01263A	
	Line sets - insulated and flared, interconnect cables included		25' - ILS2506	
			50' - ILS5006	
Safety Certifications			ETL (UL 1995)	

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.



- High-voltage terminal block temperature sensor to disable unit in the event overheating of power connection.
- The unit shall discharge cool air from the upper outlet louver (motorized) while in cooling mode and warm air from the upper and lower (manual adjustment only) outlets while in heating mode.
- System energy consumption can be viewed using the Samsung SmartThings mobile app (not revenue grade, for reference only)
- The indoor unit shall be powerd by the outdoor unit
- Electro-static, washable, pleated filter as standard (included)
- Gravity drain as standard
- The front panel shall have LED indicator lights, touch controls, IR receiver, and 1 motorized louver.

Construction

Insulated, HIPS chassis certified to UL94 V0

Heat Exchanger

The heat exchanger shall be mechanically bonded fin to copper tube

Indoor Fan

Indoor fan is turbo type with a single fan motor

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

Dual set temperature support when connected to MWR-WG00UN Advanced Wired Controller.

The system shall integrate with the Samsung Controls Solution.

Compatibility

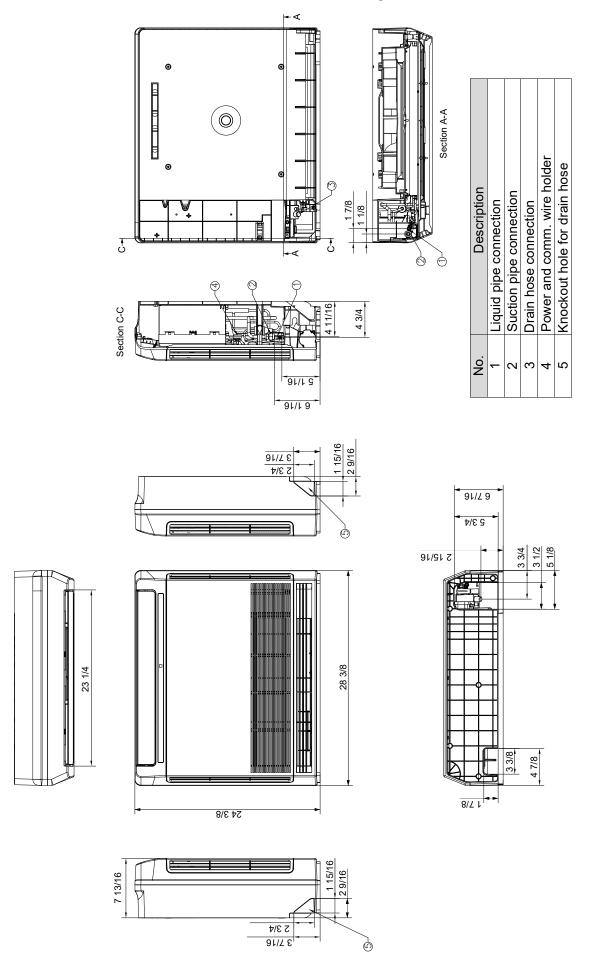
Will only operate with Samsung outdoor unit model numbers: AJ020TXJ2CH/AA (JXH20J2T), AJ024TXJ3CH/AA (JXH24J3T), AJ036TXJ4CH/AA (JXH36J4T), AJ048TXJ5CH/AA (JXH48J5T), AJ020TXS3CH/AA (JXH20S3T), AJ024TXS4CH/AA (JXH24S4T), AJ030TXS4CH/AA (JXH30S4T), AJ036TXS4CH/AA (JXH36S4T)



¹MIM-H04UN is only required for remote control of cassette, console, and duct indoor units. Only one per system is required.

SAMSUNG

SUBMITTAL AJ009TNJDCH/AA (JNH09JDT) Samsung FJM Series, Console Unit



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