SAMSUNG

SUBMITTAL AC012BNJDCH/AA (CNH12JDB) Samsung FJM Series, Console Unit

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

C---ifi--ti---

		Specifications		
Manlal	US Code		CNH12JDB	
Model	Model Number		AC012BNJDCH/AA	
Performance	Nominal	Cooling (Btu/h)	10,200	
	Capacity	Heating (Btu/h)	13,000	
Power	Voltage (ø/V/Hz)		1 / 208-230 / 60	
	Nominal Running Current (A)		0.49	
Fan	Туре		Turbo (1)	
	Motor	Туре	BLDC (1)	
	MOTOL	FLA / Output	35 W	
Airflow	CFM	L/M/H	220 / 254 / 300	
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	
	24VAC Thermostat Adapter		MIM-A60UN	
	Wi-Fi Adapter For Remote Control ¹		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.

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



- High-voltage terminal block temperature sensor to disable unit in the event overheating of power connection.
- System energy consumption can be viewed using the Samsung SmartThings mobile app (not revenue grade, for reference only)

Indoor Fan

- Indoor fan is turbo type with a single fan motor
- Three fan speed settings and auto setting
- · Washable filter as standard (included)
- The front panel shall have LED indicator lights, touch controls, IR receiver, and 1 motorized louver.
- The unit shall discharge cool air from the upper outlet louver (motorized upper and lower) (manual adjustment only) outlets while in heating mode.

Construction

Insulated, HIPS chassis certified to UL94 V0

Controls

- Control wiring shall be 2 X 16 AWG
- The unit shall be operated via a wireless or wired remote control with DDC type signal
- Dual set temperature support when connected to MWR-WG00UN Advanced Wired Controller or central control options.
- Wired controllers must be purchased separately
- The unit shall ship with a wireless controller, holder, and batteres.

Refrigerant System

• Refrigerant flow shall be controlled by an electronic expansion valve at outdoor unit

Warranty

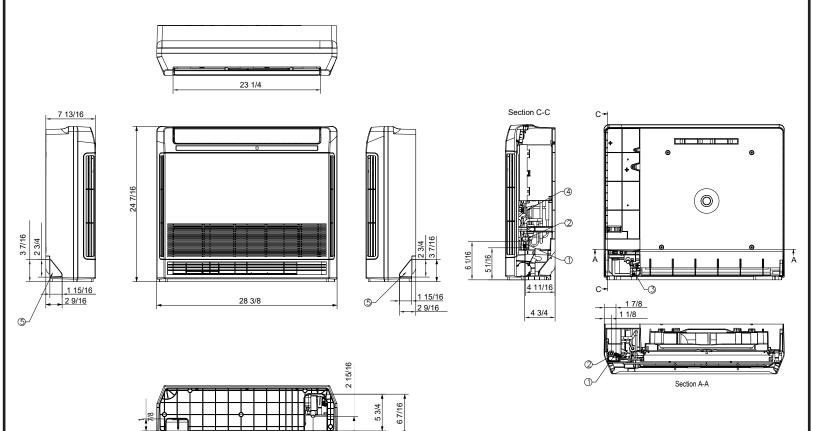
10 Years compressor, 10 years parts, 1 year limited labor when registered

Will only operate with Samsung outdoor unit model numbers: AC012BXADCH/AA (CXH12ADB), AJ020BXJ2CH/AA (JXH20J2B), AJ024BXJ3CH/AA (JXH24J3B), AJ036BXJ4CH/AA (JXH36J4B), AJ048BXJ5CH/AA (JXH48J5B), AJ020BXS3CH/AA (JXH20S3B), AJ024BXS4CH/AA (JXH24S4B), AJ030BXS4CH/AA (JXH30S4B), AJ036BXJ4CH/AA (JXH36J4B), AJ036BXS4CH/AA (JXH36S4B), AJ048BXJ5CH/AA (JXH48J5B)



SAMSUNG

SUBMITTAL AC012BNJDCH/AA (CNH12BDT) Samsung FJM Series, Console Unit AC012BNJDCH/AA Dimensional Drawing



No.	Description
1	Liquid pipe connection
2	Suction pipe connection
3	Drain connection
4	Power and comm.wire conduit
5	Drain Knockout

3 3/4

3 1/2 5 1/8

4 7/8