

SAMSUNG FJM

Central Air Conditioning Heat Pump (HP)

Multizone All Non-Ducted

AHRI Cert #+: 207349915

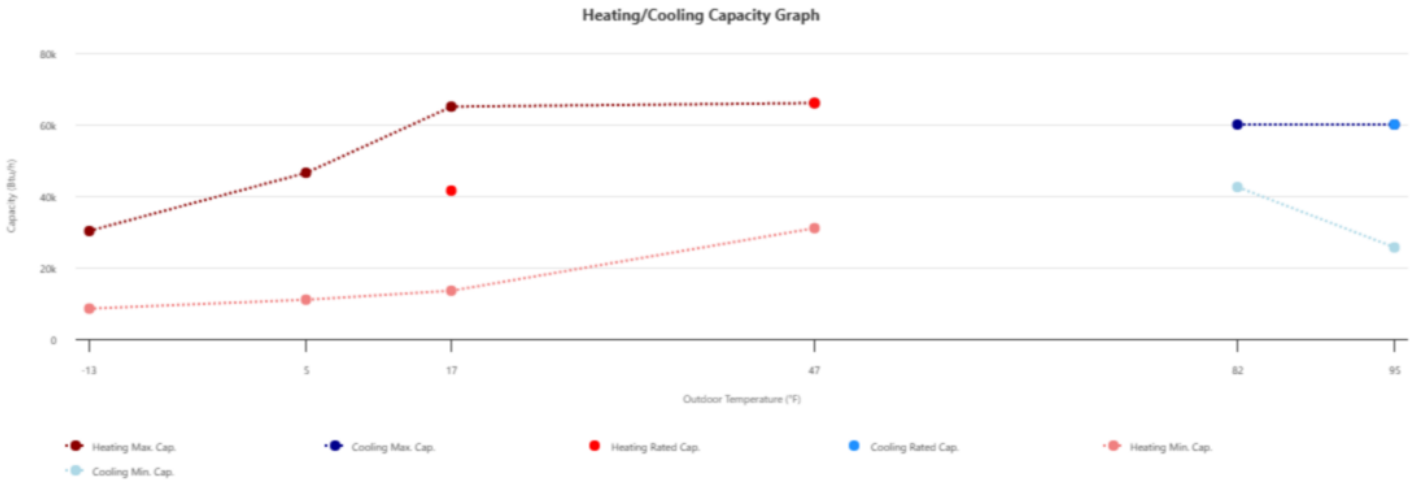
Outdoor Unit Model #+: AJ024BXJ3CH

Indoor Model #+:

🔥 Maximum Heating Capacity (Btu/h) @5°F: 17,500

🔥 Rated Heating Capacity (Btu/h) @47°F: 25,000

❄️ Rated Cooling Capacity (Btu/h) @95°F: 22,000



Information Tables

Brand	SAMSUNG
Series	FJM
Ducting Configuration	Multizone All Non-Ducted
AHRI Certificate #⁺	207349915
Outdoor Unit Model #⁺	AJ024BXJ3CH
Indoor Model #⁺	
Indoor Unit Type⁺	Non-Ducted Indoor Units
Furnace Model #	
EER⁺	12.7
SEER⁺	19
HSPF (Region IV)⁺	10
EER2⁺	12.7
SEER2⁺	19.5
HSPF2 (Region IV)⁺	8.8
HSPF2 (Region V)	7.7
ENERGY STAR V6.1	✔
ENERGY STAR V6.1 Cold Climate	✘
ENERGY STAR V5.0	✘
Federal Tax Credit Eligibility North	
Federal Tax Credit Eligibility South	
CEE Tier 1 Path A (2025)	✘
CEE Tier 1 Path B (2025)	✘
Capacity Maintenance (Rated 17°F/ Rated 47°F)	58%
Capacity Maintenance (Rated 5°F/ Rated 47°F)	%
Capacity Maintenance (Max 5°F/ Rated 47°F)	70%
Variable Capacity	✔
Integration	Connection to 24VAC thermostats is possible using an accessory adapter. Connection to BAS/BMS is also possible using optional central control accessories.

Performance Specs

Heating / Cooling	Outdoor Dry Bulb	Indoor Dry Bulb	Unit	Min	Rated ⁺	Max
Cooling	95°F	80°F	Btu/h ⁺	7,500	22,000	22,000
			kW	0.55	1.73	1.82
			COP	4	3.73	3.54
Cooling	82°F	80°F	Btu/h ⁺	8,000	-	23,000
			kW	0.37	-	1.52
			COP	6.34	-	4.43
Heating	47°F	70°F	Btu/h ⁺	4,300	25,000	29,200
			kW	0.39	1.78	2.85
			COP	3.23	4.12	3
Heating	17°F	70°F	Btu/h ⁺	4,300	14,600	19,500
			kW	0.67	1.58	2.85
			COP	1.88	2.71	2.01
Heating	5°F	70°F	Btu/h ⁺	4,300	-	17,500
			kW	0.77	-	2.8
			COP	1.64	-	1.83