



Samsung FREE JOINT MULTI airconditioner

Smart Inverter single Outdoor unit for multiple indoor units



- One Outdoor unit, multiple indoor units
- Twin BLDC Compressor
- Universal Indoor units
- Sound-insulated Compressor
- Inverter economy, eco-friendly R410A gas
- Supported nationwide by Fourways Airconditioning South Africa



49m



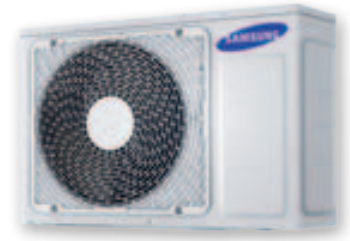
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AIRCONDITIONING

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Samsung FREE JOINT MULTI airconditioner

Smart Inverter single Outdoor unit for multiple indoor units

A choice of Outdoor units allows varying numbers of universal indoor units to be connected, both heating and cooling, while Samsung's Smart Inverter technology ensures maximum economy of operation. Extra sound insulation results in low noise levels. Sold and supported nationwide by Fourways Airconditioning South Africa with branches in all major metropolitan areas.



Samsung Free Joint Multi						
Model Name Outdoor Unit			RJ060F3HXEB	RJ070F4HXEA	RJ080F4HXEA	RJ100F5HXEA
Max. number of connectable indoor units			3	4	4	5
Power Supply		pH/V/Hz	1, 220~240, 50	1, 220~240, 50	1, 220~240, 50	1, 220~240, 50
Mode			HEAT PUMP	HEAT PUMP	HEAT PUMP	HEAT PUMP
Performance		HP	2	2.5	3	3.5
Capacity (Nominal)	Cooling	kW	5.9	7	8	10
		Btu/h	20100	23900	27300	34100
	Heating	kW	6.3	8.6	9.3	12
		Btu/h	21500	29300	31700	40900
Power Input (Nominal)	Cooling	kW	1.6	1.9	2.3	2.9
	Heating	kW	1.4	2.0	2.2	2.93
Current Input (Nominal)	Cooling	A	7.3	8.7	10.5	13.3
	Heating	A	6.4/14.4 (Max)	9.2/15.68 (Max)	10.1/16.60 (Max)	13.4 /26.12 (Max)
Energy Efficiency (Nominal)	Cooling	EER	3.69	3.68	3.48	3.45
	Heating	COP	4.5	4.3	4.23	4.1
Compressor	Type	Type	BLDC	BLDC	BLDC	BLDC
Fan Air Flow Rate		CMM	41	45	45	71
		ℓ/S	683.33	746.67	756.67	1176.67
Liquid Pipe		Ø mm	6.35 x 3	6.35 x 4	6.35 x 4	6.35 x 5
		Ø inch	1/4 x 3	1/4 x 4	1/4 x 4	1/4 x 5
Gas Pipe		Ø mm	9.52 x 2 +12.70	9.52 x 2 +12.70 x 2	9.52 x 2 +12.70 x 2	9.52 x 2 +12.70 x 3
		Ø inch	3/8 x 2 + 1/2	3/8 x 2 + 1/2 x 2	3/8 x 2 + 1/2 x 2	3/8 x 2 + 1/2 x 3
Total piping length		m	50	70	70	80
Max. pipe length	Outdoor to Indoor	m	20	25	25	25
Max. pipe height	Between indoors	m	7.5	7.5	7.5	7.5
Max. pipe height	Between ID/OD	m	15	15	15	15
Refrigerant	Type	Type	R410A	R410A	R410A	R410A
	Factory charging	kg	2.2	2.8	2.8	3.3
Sound Pressure		dBA	48	49	50	52
Net Weight		kg	56	65	65	74.5
Shipping weight		kg	60	70	70	80
Net dimensions (WxHxD)		mm	880x798x310	880x798x310	880x798x310	940x996x330
Shipping dimensions (WxHxD)		mm	1023x889x413	1023x889x413	1023x889x413	995x1096x426
Operating Temp. Range	Cooling	°C	-5~46.0	-5~46.0	-5~46.0	-5~46.0
	Heating	°C	-15~24	-15~24	-15~24	-15~24

INDOOR UNIT OPTIONS AVAILABLE:

- Mini 4-Way Cassette: AJN035NDEHA, AJN052NDEHA
- Maldives Units: AQV09PSBN, AQV12PSBN, AQV18PSBN, AQV24PSBN (only for RJ100 outdoor unit)
- Slim 1-Way Cassette: NS0261DXEA, NS0351DXEA
- Slim Duct: NS052LDXEA, NS035LDXEA, NS071LDXEA
- MSP Duct: NS024SHREA, NS036SHREA, NS036SHREA, NS048SHREA, NS060SHREA
- Console Split: AC026FBJDEH/EU, AC035FBJDEH/EU, AC052FBJDEH/EU

Due to Samsung's policy of constant improvement, specifications are subject to change without notice. E&OE

1. Nominal cooling capacities are based on: Indoor temperature: 27°C DB, 19°C WB / Outdoor temperature: 35°C DB, Equivalent refrigerant piping: 7.5m (horizontal)
2. Nominal heating capacities are based on: Indoor temperature: 20°C DB, 15°C WB / outdoor temperature: 7°C DB, 6°C WB, Equivalent refrigerant piping: 7.5m (horizontal)
3. Sound pressure was acquired in an anechoic room. Thus actual noise level may be different depending on the installation conditions.

Distributed & supported nationwide by Fourways Airconditioning:



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