



Free Joint Multi (FJM) Air Conditioning Systems

SAMSUNG



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More than a trusted Air Conditioning solution

At the heart of family living is the home, a place full of special moments and wonderful memories where families live and grow in their own unique way. At Samsung, we imagine all sorts of innovative ways to improve how your home functions and help it run smoothly – so you have more quality time for the joys of raising your family and looking after their well-being.

We are proud to say our Samsung brand is part of an intuitive and humanistic product design company, and one of the world's top electronics producers.

Samsung Air Conditioners have been designed with the same passion for innovation and quality that has helped make Samsung one of the Interbrand 2015 Best Global Brands*.

Samsung Air Conditioning systems are held in high esteem around the world and have been selected for a multitude of developments including apartments, housing, shopping centres, airports, stadiums and hotels. Samsung continues to invest heavily in R&D, performance testing and quality control to deliver quality Air Conditioning systems to market.

2015 Best Global Brands*

1	Apple
2	Google
3	Coca-Cola
4	Microsoft
7	Samsung Electronics
18	HP
19	Honda
20	Louis Vuitton

*Source: 2015 Best Global Brand, 2015. InterBrand



Free Joint Multi (FJM) Air Conditioning Systems

Experience ultimate comfort at home or work with reliable, efficient performance

The Samsung Free Joint Multi (FJM) system air conditioner combines efficiency and reliability to deliver outstanding performance in a space-saving design.

Connect up to 5 indoor units to a single outdoor unit

The flexibility with Samsung's FJM system is that you can have up to 5 indoor units connected to a single outdoor unit. This allows you to cool or heat multiple areas in your home from the one air conditioning system.

Control indoor unit temperatures individually

For FJM system you can set different temperatures on each indoor unit.*

Variation of indoor types and capacities to suit the application

An FJM system supports a variety of combinations of compatible indoor unit types and capacity sizes so you have the flexibility to choose the installation that best suits your application.

*The system must run in either cooling or heating mode but not both modes at the same time.

Free Joint Multi

Single outdoor unit
connecting up to 5
indoor units



Outdoor Unit Range

Drive high performance with stability

A key contributor to Samsung FJM's efficiency is its advanced compressor technology. With its smart compressor design and premium moving parts, the FJM air conditioning system delivers balanced performance with high reliability.

Smooth performance

Samsung Free Joint Multi (FJM) adopts the innovative Twin Brushless Direct Current (BLDC) rotary compressor for efficient performance. Its stable twin eccentric cams and two balance weights reduces torque variation by up to 70% compared to Samsung Single BLDC compressor, offering smooth stable operation.

Samsung Smart Inverter

Samsung's Smart Inverter technology helps to maintain the ideal programmed temperature without constantly shutting off and switching on the compressor. It automatically adjusts the capacity of the system to cope with temperature variances, helping to ensure that you experience minimal temperature fluctuation for optimal comfort.

Quiet Operation

Low operating noise with double-layered sound insulation material fully covers the compressor to absorb and minimize the noise for quiet operation.



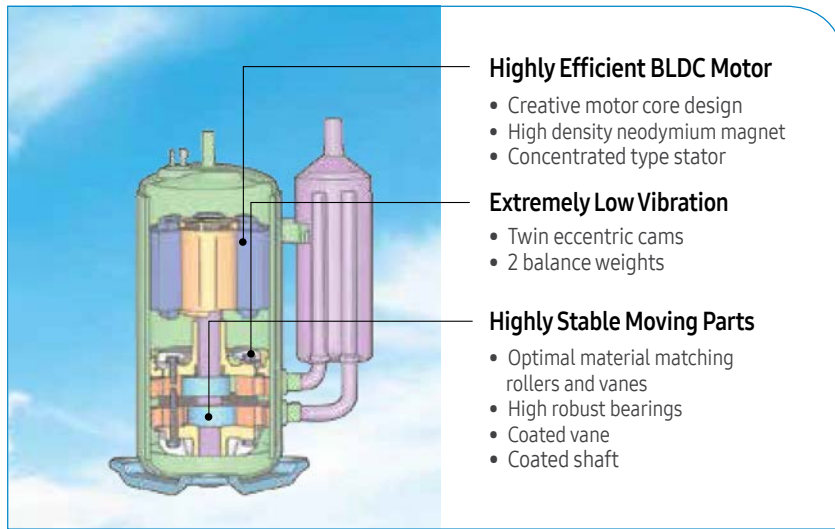
Model			RJ050F2HXEAXSA
Power Supply		Φ, V, Hz	
Capacity (Nominal)	Cooling ¹	kW	5.0
	Heating ²	kW	5.7
Max connectable FCUs		-	2
Energy Efficiency	EER, Cooling ¹	-	3.51
	COP, heating ²	-	4.19
Current Input (Nominal)	Cooling ¹	A	6.5
	Heating ²	A	6.2
Maximum input current	MCA	A	11.80
Fuse Amps	MFA	A	13.75
Sound	Sound Pressure ³		48
Piping Connections	Liquid Pipe	Φ, mm	6.35 x 2
		Φ, inch	1/4 x 2
	Gas Pipe	Φ, mm	9.52 x 1 + 12.7 x 1
		Φ, inch	3/8 x 1 + 1/2 x 1
Piping Length	Total Piping Length	(m)	30
	Max. Piping length (outdoor to indoor)	(m)	20
	Max Height (between indoor units)	(m)	
	Max Height (outdoor to indoor)	(m)	
Weight		kg	39
Dimensions (WxHxD)		mm	790 x 545 x 285
Operating Temperature Range	Cooling	°C	
	Heating	°C	

1) Nominal cooling capacities are based on; Indoor temperature: 27°C DB, 19°C WB / Outdoor temperature: 35°C DB, Equivalent refrigerant piping: 5m(5/10kW), 7.5m(6/7/8kW), Level differences: 0m.

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: 5m(5/10kW), 7.5m(6/7/8kW), Level differences: 0m.

3) Sound level was acquired in a anechoic room. Thus actual noise level may be different depending on the installation conditions.

Specifications may be subject to change without prior notice due to updates and product development.



RJ060F3HXEAXSA	RJ070F4HXEAXSA	RJ080F4HXEAXSA	RJ100F5HXEAXSA
1, 220-240, 50			
5.9	7.0	8.0	10.0
6.3	8.6	9.3	12.0
3	4	4	5
3.70	3.68	3.48	3.45
4.50	4.30	4.23	4.10
7.3	8.7	10.5	13.3
6.4	9.2	10.1	13.4
14.40	18.70	18.70	26.20
16.25	20.75	20.75	28.80
48	49	50	52
6.35 x 3	6.35 x 4	6.35 x 4	6.35 x 5
1/4 x 3	1/4 x 4	1/4 x 4	1/4 x 5
9.52 x 2 + 12.7 x 1	9.52 x 2 + 12.7 x 2	9.52 x 2 + 12.7 x 2	9.52 x 2 + 12.7 x 3
3/8 x 2 + 1/2 x 1	3/8 x 2 + 1/2 x 2	3/8 x 2 + 1/2 x 2	3/8 x 2 + 1/2 x 3
45	70	70	80
20	25	25	25
	7.5		
	15		
59	65	65	74.5
880 x 798 x 310	880 x 798 x 310	880 x 798 x 310	940 x 998 x 330
-5 to 46°C			-10 to 46°C
-15 to 24°C			

An indoor unit to suit the application

Samsung's FJM air conditioning system supports a variety of indoor units; ranging from Maldives wall mounted, ducted types, 1 way and 4 way cassettes, to console style indoor units.

Maldives wall mounted

- 24-hour timer
- Auto air direction (up/down)
- Adjustable air direction (left/right)
- Auto mode
- Fan mode
- Auto restart

Individual Controllers

Wireless controller included with fan coil unit



MR-DH00



Model			NJ020DHXEA/XSA
Power Supply		Φ, V, Hz	
Capacity (Nominal)	Cooling ¹	kW	2.0
	Heating ²	kW	2.2
Air Flow Rate	H/M/L	(L/s)	131/116/101
Sound	Sound Pressure ³	dBA	36/21
Dimension	WxHxD	(mm)	820 x 286 x 205
Unit Weight		kg	9
Piping Connections	Liquid Pipe	Φ, mm	6.35
		Φ, inch	1/4
	Gas Pipe	Φ, mm	9.52
		Φ, inch	3/8

1) Nominal cooling capacities are based on; Indoor temperature: 27°C DB, 19°C WB / Outdoor temperature: 35°C DB, Equivalent refrigerant piping: 5m, Level differences: 0m.

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: 5m, Level differences: 0m.

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Maldives key features



Good Sleep Mode

Automatically adjusts the temperature to create an ideal temperature which may help you fall asleep, maintain a comfortable sleep environment and awake refreshed.

Good Sleep operation in Cooling:

1. Falling Asleep Stage: Eases you into sleep by dropping the temperature.
2. Sound Sleep Stage: Relaxes your body and raises the temperature slightly.
3. Wake Up Stage: The temperature will automatically rise in order to increase your body temperature for a refreshing start to the day.



Turbo Cooling

Operates the unit at its maximum speed to quickly reach the set temperature.



Smart Mode

Enables the air conditioner's compressor to operate at a reduced intensity when the air conditioner is not required to be run at maximum cooling/heating capacity.



Quiet Mode

In Quiet Mode, the system will run at low fan speed to help minimise noise levels when that quiet time is needed.



Auto Clean Indoor Coil

Runs the fan for a certain amount of time after the air conditioner stops. This helps to dry off the moisture within the unit.

NJ025DHXEA/XSA	NJ035DHXEA/XSA	NJ050DHXEA/XSA	NJ068DHXEA/XSA
1, 220-240, 50			
2.5	3.5	5.0	6.8
3.3	4.0	6.0	7.8
156/145/131	168/150/131	236/205/186	296/238/176
36/21	38/21	40/30	41/30
820 x 286 x 205	820 x 286 x 205	1065 x 298 x 230	1065 x 298 x 230
9	9	13	13
6.35	6.35	6.35	6.35
1/4	1/4	1/4	1/4
9.52	9.52	12.7	15.88
3/8	3/8	1/2	5/8

Slim Ducted and MSP Ducted



Slim Ducted

- Compact and light weight unit
- Return air can be from the bottom or rear of unit
- Easy to maintain



MSP (Mid-Static) Ducted

- Powerful fan unit to service large coverage area
- Compact and light weight unit
- Easy to maintain



Model			MH026FEEA/XSA	MH035FEEA/XSA	MH052FUEA/XSA
Power Supply		Φ, V, Hz	1, 220-240, 50		
Capacity (Nominal)	Cooling ¹	kW	2.6	3.5	5.2
	Heating ²	kW	2.9	3.8	6.0
Air Flow Rate	H/M/L	(L/s)	143/-/-	163/-/-	271/-/-
Static Pressure	Min / Std / Max	Pa	0 / 19.6 / 39.2	0 / 19.6 / 39.2	0 / 19.6 / 78.5
Sound	Sound Pressure ³	dBA	30/25	32/27	37/33
Dimension	W x H x D	(mm)	900 x 199 x 600	900 x 199 x 600	900 x 260 x 480
Unit Weight		Kg	26	26	29
Piping Connections	Liquid Pipe	Φ, mm	6.35	6.35	6.35
		Φ, inch	1/4	1/4	1/4
	Gas Pipe	Φ, mm	9.52	9.52	12.7
		Φ, inch	3/8	3/8	1/2
Drain Pipe	Φ, mm	VP25 (OD 32, ID 25)			
Drain Pump (not included)	Model	-	MPD-E075SEE		MPD-E075SGU3
	Max. lifting Height	mm	750	750	750

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, Level differences: 0m.
 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, Level differences: 0m.
 3) Sound level was acquired in a dead room. Thus actual noise level may be different depending on the installation conditions.
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Wired controller included with fan coil unit

Individual Controllers



MWR-WH00

Compact 4 Way Cassette

- Compact size: can be installed within one standard ceiling tile (600 x 600)
- Knock out for outside air duct connection
- Fan speed adjustable for high ceiling application
- Built-in drain pump



Model			AJN020NDEHA/EU	AJN026NDEHA/EU	AJN035NDEHA/EU	AJN052NDEHA/EU
Power Supply		(Ø,V, Hz)	1, 220-240, 50			
Capacity	Cooling ¹	kW	2	2.6	3.5	5.2
	Heating ²	kW	2.2	2.9	3.8	5.6
Air Flow Rate	H/M/L	L/s	165/136/115	165/136/115	178/150/128	206/178/150
Sound	Sound Pressure ³	dBA	34/29/27	34/29/27	36/32/28	40/36/33
Unit Dimension	WxHxD	mm	575 x 250 x 575	575 x 250 x 575	575 x 250 x 575	575 x 250 x 575
Unit Weight		kg	11	11	11	11.7
Panel (Sold separately)	Model		PC4SUSMA	PC4SUSMA	PC4SUSMA	PC4SUSMA
	Net Dimensions (W×H×D)	mm	670 x 45 x 670	671 x 45 x 670	672 x 45 x 670	673 x 45 x 670
	Panel Net Weight	kg	2.7	2.7	2.7	2.7
Piping Connections	Liquid Pipe	Ø, mm	6.35	6.35	6.35	6.35
		Ø, inch	1/4	1/4	1/4	1/4
	Gas Pipe	Ø, mm	9.52	9.52	9.52	12.7
		Ø, inch	3/8	3/8	3/8	1/2
Drain Pipe	Ø,mm	VP25 (OD 32,ID 25)	VP25 (OD 32,ID 25)	VP25 (OD 32,ID 25)	VP25 (OD 32,ID 25)	
Drain Pump	Model	-	Built-in	Built-in	Built-in	Built-in
	Max. lifting Height	mm	750	750	750	750

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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, Level differences: 0m.

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Optional accessories (sold separately)

Individual Controllers



MWR-WE10



MR-EH00

Panel



PC4SUSMA

1 Way Cassette

- Low profile unit: 135mm depth
- Light weight body unit: 11kg
- Low operating noise
- Built-in drain pump



Model			NJ0261HXEA/XSA	NJ0351HXEA/XSA
Power Supply		(Ø,V, Hz)	1, 220-240, 50	
Capacity	Cooling ¹	kW	2.6	3.5
	Heating ²	kW	2.9	3.8
Air Flow Rate	H/M/L	L/s	103/-/-	126/-/-
Sound	Sound Pressure ³	dBA	30/25	32/27
Unit Dimension	WxHxD	mm	970 x 135 x 410	970 x 135 x 410
Unit Weight		kg	11	11
Panel (Sold Separately)	Model		PSSMA	PSSMA
	Net Dimensions (W×H×D)	mm	1,180 x 25 x 460	1,180 x 25 x 460
	Panel Net Weight	kg	3	3
Piping Connections	Liquid Pipe	Ø, mm	6.35	6.35
		Ø, inch	1/4	1/4
	Gas Pipe	Ø, mm	9.52	9.52
		Ø, inch	3/8	3/8
Drain Pipe	Ø, mm	VP20 (OD 26, ID 20)	VP20 (OD 26, ID 20)	
Drain Pump	Model	-	Built-in	Built-in
	Max. Lifting Height	mm	750	750

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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, Level differences: 0m.

3) Sound level was acquired in a anechoic room. Thus actual noise level may be different depending on the installation conditions.

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Optional Accessories (Sold Separately)

Individual Controllers

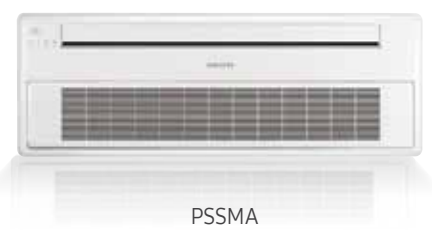


MWR-WE10



MR-EH00

Panel



PSSMA

Console

- Two way air flow outlet: bottom air flow outlet for heating operation, and top air flow outlet for cooling operation
- Slim, low profile design: 199mm depth
- Low operating noise



Model			MH026FJEA/XSA	MH035FJEA/XSA
Power Supply		(Ø,V, Hz)	1, 220-240, 50	
Capacity	Cooling ¹	kW	2.6	3.5
	Heating ²	kW	2.9	3.8
Air Flow Rate	H/M/L	L/s	150/-/-	175/-/-
Sound Pressure ³	H/L	dB(A)	28 / 23	39 / 24
Unit Dimension	WxHxD	mm	720 x 620 x 199	720 x 620 x 199
Unit Weight		kg	15	15
Piping Connections	Liquid Pipe	Ø, mm	6.35	6.35
		Ø, inch	1/4	1/4
	Gas Pipe	Ø, mm	9.52	9.52
		Ø, inch	3/8	3/8
	Drain Pipe	Ø,mm	ID 16	ID 16

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 , Level differences: 0m.
 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, Level differences: 0m.
 3) Sound level was acquired in a anechoic room. Thus actual noise level may be different depending on the installation conditions.
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Wireless controller included with fan coil unit

Individual
Controllers



RJ050F2HXEAXSA

COOLING	Outdoor Unit	Indoor Unit Combination					Cooling Capacity (W)					Capacity			
		A	B	C	D	%	Total	A	B	C	D	Total	W		
													MIN	NOM	MAX
1 Unit	2000					40%	2000	2400				2400	1250	2400	2880
	2500					50%	2500	2500				2500	1250	2500	3120
	3500					70%	3500	3500				3500	1250	3500	4200
	5000					100%	5000	5000				5000	1250	5000	5200
2 Unit	2000	2000				80%	4000	2000	2000			4000	1300	4000	4800
	2000	2500				90%	4500	2040	2560			4600	1300	4600	5200
	2000	3500				110%	5500	1820	3180			5000	1400	5000	5400
	2000	5000				140%	7000	1430	3570			5000	1400	5000	5400
	2500	2500				100%	5000	2500	2500			5000	1400	5000	5400
	2500	3500				120%	6000	2080	2920			5000	1400	5000	5400
	2500	5000				150%	7500	1670	3330			5000	1400	5000	5400
	3500	3500				140%	7000	2500	2500			5000	1400	5000	5400
	3500	5000				170%	8500	2060	2940			5000	1400	5000	5400

RJ060F3HXEAXSA

COOLING	Outdoor Unit	Indoor Unit Combination					Cooling Capacity (W)					Capacity			
		A	B	C	D	%	Total	A	B	C	D	Total	W		
													MIN	NOM	MAX
1 Unit	2000					34%	2000	2000				2000	1280	2000	2880
	2500					42%	2500	2500				2500	1280	2500	3120
	3500					59%	3500	3500				3500	1280	3500	4200
	5000					85%	5000	5000				5000	1300	5000	5800
2 Unit	2000	2000				68%	4000	2000	2000			4000	1300	4000	4800
	2000	2500				76%	4500	2040	2560			4600	1300	4600	5520
	2000	3500				93%	5500	1910	3340			5250	1300	5250	6290
	2000	5000				119%	7000	1570	3930			5500	1380	5500	6600
	2500	2500				85%	5000	2600	2600			5200	1300	5200	5800
	2500	3500				102%	6000	2210	3090			5300	1300	5300	6400
	2500	5000				127%	7500	1970	3930			5900	1380	5900	6800
	3500	3500				119%	7000	2725	2725			5450	1300	5450	6560
	3500	5000				144%	8500	2430	3470			5900	1380	5900	6800
3 Unit	2000	2000	2000			102%	6000	1760	1760	1760		5280	1500	5280	6380
	2000	2000	2500			110%	6500	1660	1660	2080		5400	1500	5400	6490
	2000	2000	3500			127%	7500	1580	1580	2740		5900	1500	5900	6800
	2000	2500	2500			119%	7000	1580	1960	1960		5500	1500	5500	6600
	2000	2500	3500			136%	8000	1480	1840	2580		5900	1500	5900	6800
	2000	3500	3500			153%	9000	1320	2290	2290		5900	1500	5900	6800
	2500	2500	2500			127%	7500	1960	1970	1970		5900	1500	5900	6800
	2500	2500	3500			144%	8500	1740	1740	2420		5900	1500	5900	6800

RJ070F4HXEAXSA

COOLING	Outdoor Unit	Indoor Unit Combination					Cooling Capacity (W)					Capacity			
		A	B	C	D	%	Total	A	B	C	D	Total	W		
													MIN	NOM	MAX
1 Unit	2000					29%	2000	2200				2200	1350	2200	3000
	2500					36%	2500	2500				2500	1350	2500	3480
	3500					50%	3500	3500				3500	1350	3500	4200
	5000					71%	5000	4900				4900	1400	4900	6240
2 Unit	2000	2000				57%	4000	2000	2000			4000	1500	4000	4800
	2000	2500				64%	4500	2040	2560			4600	1690	4600	5520
	2000	3500				79%	5500	2000	3500			5500	1770	5500	6600
	2000	5000				100%	7000	2000	5000			7000	1900	7000	8400
	2500	2500				71%	5000	2600	2600			5200	1750	5200	6240
	2500	3500				86%	6000	2540	3560			6100	1820	6100	7320
	2500	5000				107%	7500	2330	4670			7000	1900	7000	8400
	3500	3500				100%	7000	3500	3500			7000	1900	7000	8000
	3500	5000				121%	8500	2880	4120			7000	1900	7000	8900
3 Unit	5000	5000				143%	10000	3500	3500			7000	1900	7000	8900
	2000	2000	2000			86%	6000	2000	2000	2000		6000	1810	6000	7200
	2000	2000	2500			93%	6500	2030	2030	2540		6600	1870	6600	7920
	2000	2000	3500			107%	7500	1780	1780	3120		6680	1900	6680	8020
	2000	2000	5000			129%	9000	1560	1560	3880		7000	1900	7000	8900
	2000	2500	2500			100%	7000	1910	2370	2370		6650	1900	6650	7980
	2000	2500	3500			114%	8000	1690	2110	2940		6740	1900	6740	8080
	2000	2500	5000			136%	9500	1480	1840	3680		7400	1900	7000	8900
	2000	3500	3500			129%	9000	1520	2650	2650		6820	1900	6820	8180
	2000	3500	5000			150%	10500	1340	2330	3330		7000	1900	7000	8900
	2500	2500	2500			107%	7500	2240	2240	2240		6720	1900	6720	8050
	2500	2500	3500			121%	8500	2000	2000	2790		6790	1900	6790	8150
	2500	2500	5000			143%	10000	1750	1750	3500		7000	1900	7000	8900
	2500	3500	3500			136%	9500	1840	2580	2580		7000	1900	7000	8900
	3500	3500	3500			150%	10500	2330	2330	2330		6990	1900	6990	8900
4 Unit	2000	2000	2000	2000		114%	8000	1680	1680	1680	1680	6720	1900	6720	8070
	2000	2000	2000	2500		121%	8500	1600	1600	1600	1980	6780	1900	6780	8140
	2000	2000	2000	3500		136%	9500	1470	1470	1470	2590	7000	1900	7000	8900
	2000	2000	2500	2500		129%	9000	1560	1560	1940	1940	7000	1900	7000	8900
	2000	2000	2500	3500		143%	10000	1400	1400	1750	2450	7000	1900	7000	8900
	2000	2500	2500	2500		136%	9500	1480	1840	1840	1840	7000	1900	7000	8900
	2000	2500	2500	3500		150%	10500	1330	1670	1670	2330	7000	1900	7000	8900
	2500	2500	2500	2500		143%	10000	1750	1750	1750	1750	7000	1900	7000	8900

1. Nominal cooling capacities are based on; Indoor temperature: 27°C DB, 19°C WB / Outdoor temperature: 35°C DB, Equivalent refrigerant piping: 5 m, Level differences: 0m.

2. Capacity value shown based on wall mounted Maldive range connection.

3. For FJM multi split systems, minimum two indoor units should be connected to outdoor unit for system operation.

Specifications may be subject to change without prior notice due to updates and product development.

COOLING	Outdoor Unit	Indoor Unit Combination					Cooling Capacity (W)					Capacity			
		A	B	C	D	%	Total	A	B	C	D	Total	W		
													MIN	NOM	MAX
1 Unit	2000					25%	2000	2200				2200	1470	2200	3000
	2500					31%	2500	2500				2500	1520	2500	3480
	3500					44%	3500	3500				3500	1600	3500	4200
	5000					63%	5000	4900				4900	1750	4900	6240
	6800					85%	6800	6000				6000	1900	6000	8000
2 Unit	2000	2000				50%	4000	2000	2000			4000	1640	4000	4800
	2000	2500				56%	4500	2040	2560			4600	1690	4600	5520
	2000	3500				69%	5500	2000	3500			5500	1770	5500	6600
	2000	5000				88%	7000	2060	5140			7200	1900	7200	8640
	2000	6800				110%	8800	1690	5760			7450	1900	7450	8640
	2500	2500				63%	5000	2600	2600			5200	1750	5200	6240
	2500	3500				75%	6000	2540	3560			6100	1820	6100	7320
	2500	5000				94%	7500	2400	4800			7200	1900	7200	8640
	2500	6800				116%	9300	2030	5520			7550	1900	7550	8760
	3500	3500				88%	7000	3500	3500			7000	1900	7000	8000
	3500	5000				106%	8500	3030	4320			7350	1900	7350	8820
	3500	6800				129%	10300	2620	5080			7700	1900	7700	8930
	5000	5000				125%	10000	3830	3830			7660	1900	7660	9180
	5000	6800				148%	11800	3310	4490			7800	1900	7800	8970
	2 Unit	2000	2000	2000			75%	6000	2000	2000	2000		6000	1810	6000
2000		2000	2500			81%	6500	2030	2030	2540		6600	1870	6600	7920
2000		2000	3500			94%	7500	2000	2000	3500		7500	1900	7500	9000
2000		2000	5000			113%	9000	1700	1700	4250		7650	1900	7650	9180
2000		2000	6800			135%	10800	1480	1480	5040		8000	1900	8000	9300
2000		2500	2500			88%	7000	2060	2570	2570		7200	1900	7200	8640
2000		2500	3500			100%	8000	1890	2360	3300		7550	1900	7550	9060
2000		2500	5000			119%	9500	1620	2030	4060		7710	1900	7710	9250
2000		2500	6800			141%	11300	1420	1770	4810		8000	1900	8000	9300
2000		3500	3500			113%	9000	1700	2970	2970		7640	1900	7640	9160
2000		3500	5000			131%	10500	1520	2670	3810		8000	1900	8000	9300
2000		5000	5000			150%	12000	1340	3330	3330		8000	1900	8000	9300
2500		2500	2500			94%	7500	2510	2510	2510		7530	1900	7530	9030
2500		2500	3500			106%	8500	2240	2240	3130		7610	1900	7610	9130
2500		2500	5000			125%	10000	1940	1940	3880		7760	1900	7760	9300
2500		2500	6800			148%	11800	1690	1690	4620		8000	1900	8000	9300
2500		3500	3500			119%	9500	2030	2830	2830		7690	1900	7690	9230
2500		3500	5000			138%	11000	1820	2550	3630		8000	1900	8000	9300
3500		3500	3500			131%	10500	2670	2670	2660		8000	1900	8000	9300
3500		3500	5000			150%	12000	2340	2340	3320		8000	1900	8000	9300
4 Unit	2000	2000	2000	2000		100%	8000	1890	1890	1890	1890	7560	1900	7560	9050
	2000	2000	2000	2500		106%	8500	1790	1790	1790	2230	7600	1900	7600	9120
	2000	2000	2000	3500		119%	9500	1620	1620	1620	2820	7680	1900	7680	9220
	2000	2000	2000	5000		138%	11000	1450	1450	1450	3650	8000	1900	8000	9300
	2000	2000	2500	2500		113%	9000	1700	1700	2130	2130	7660	1900	7660	9180
	2000	2000	2500	3500		125%	10000	1550	1550	1930	2700	7730	1900	7730	9280
	2000	2000	2500	5000		144%	11500	1390	1390	1740	3480	8000	1900	8000	9300
	2000	2000	3500	3500		138%	11000	1450	1450	2550	2550	8000	1900	8000	9300
	2000	2500	2500	2500		119%	9500	1620	2030	2030	2030	7710	1900	7710	9250
	2000	2500	2500	3500		131%	10500	1530	1900	1900	2670	8000	1900	8000	9300
	2000	2500	2500	5000		150%	12000	1330	1670	1670	3330	8000	1900	8000	9300
	2000	2500	3500	3500		144%	11500	1400	1740	2430	2430	8000	1900	8000	9300
	2500	2500	2500	2500		125%	10000	1940	1940	1940	1940	7760	1900	7760	9300
	2500	2500	2500	3500		138%	11000	1820	1820	1820	2540	8000	1900	8000	9300
	2500	2500	3500	3500		150%	12000	1670	1670	2330	2330	8000	1900	8000	9300

1. Nominal cooling capacities are based on; Indoor temperature: 27°C DB, 19°C WB / Outdoor temperature: 35°C DB, Equivalent refrigerant piping: 5m , Level differences: 0m.
 2. Capacity value shown based on wall mounted Maldive range connection.
 3. For FJM multi split systems, minimum two indoor units should be connected to outdoor unit for system operation.
 Specifications may be subject to change without prior notice due to updates and product development.

RJ100F5HXEAXSA

COOLING	Outdoor Unit	Indoor Unit Combination						Cooling Capacity (W)						Capacity				
		A	B	C	D	E	%	Total	A	B	C	D	E	Total	W			
																MIN	NOM	MAX
Unit 1	2000						20%	2000	2000						2000	1600	2000	3000
	2500						25%	2500	2500						2500	1600	2500	3630
	3500						35%	3500	3500						3500	1620	3500	4740
	5000						50%	5000	5000						5000	1650	5000	6480
	6800						68%	6800	6800						6800	1710	6800	8690
Unit 2	2000	2000					40%	4000	2000	2000					4000	1680	4000	4900
	2000	2500					45%	4500	2000	2500					4500	1680	4500	5530
	2000	3500					55%	5500	2000	3500					5500	1710	5500	6950
	2000	5000					70%	7000	2000	5000					7000	2210	7000	8690
	2000	6800					88%	8800	1830	6240					8070	2280	8070	10110
	2500	2500					50%	5000	2500	2500					5000	1680	5000	6320
	2500	3500					60%	6000	2500	3500					6000	1710	6000	7270
	2500	5000					75%	7500	2500	5000					7500	2210	7500	9320
	2500	6800					93%	9300	2190	5960					8150	2280	8150	10110
	3500	3500					70%	7000	3500	3500					7000	2170	7000	8530
	3500	5000					85%	8500	3300	4720					8020	2240	8020	9950
	3500	6800					103%	10300	2920	5670					8590	2480	8590	10740
	5000	5000					100%	10000	4280	4280					8560	2440	8560	10430
	5000	6800					118%	11800	3740	5080					8820	2510	8820	10900
	6800	6800					136%	13600	4550	4550					9100	3110	9100	11000
Unit 3	2000	2000	2000				60%	6000	2000	2000	2000				6000	1760	6000	7270
	2000	2000	2500				65%	6500	2000	2000	2500				6500	1760	6500	7900
	2000	2000	3500				75%	7500	2000	2000	3500				7500	2280	7500	8850
	2000	2000	5000				90%	9000	1930	1930	4830				8690	2310	8690	10270
	2000	2000	6800				108%	10800	1660	1660	5650				8970	2550	8970	10430
	2000	2500	2500				70%	7000	2000	2500	2500				7000	2240	7000	8370
	2000	2500	3500				80%	8000	2000	2500	3500				8000	2280	8000	9320
	2000	2500	5000				95%	9500	1850	2310	4620				8780	2310	8780	10270
	2000	2500	6800				113%	11300	1550	1940	5270				8760	2550	8760	10430
	2000	3500	3500				90%	9000	1930	3380	3380				8690	2280	8690	10270
	2000	3500	5000				105%	10500	1700	2980	4250				8930	2510	8930	10430
	2000	3500	6800				123%	12300	1460	2550	4950				8960	2760	8960	10740
	2000	5000	5000				120%	12000	1480	3710	3710				8900	2720	8900	10740
	2000	5000	6800				138%	13800	1340	3360	4560				9260	3150	9260	11000
	2000	6800	6800				156%	15600	1260	4270	4270				9800	3240	9800	11000
	2500	2500	2500				75%	7500	2500	2500	2500				7500	2240	7500	8850
	2500	2500	3500				85%	8500	2500	2500	3500				8500	2280	8500	9950
	2500	2500	5000				100%	10000	2210	2210	4430				8850	2480	8850	10270
	2500	2500	6800				118%	11800	1880	1880	5110				8870	2550	8870	10740
	2500	3500	3500				95%	9500	2310	3230	3230				8770	2280	8770	10270
	2500	3500	5000				110%	11000	1980	2770	3950				8700	2510	8700	10430
	2500	3500	6800				128%	12800	1770	2480	4810				9060	2760	9060	10900
	2500	5000	5000				125%	12500	1800	3600	3600				9000	2720	9000	10900
	2500	5000	6800				143%	14300	1640	3270	4450				9360	3150	9360	11000
	2500	6800	6800				161%	16100	1520	4140	4140				9800	3240	9800	11000
	3500	3500	3500				105%	10500	2980	2980	2980				8940	2480	8940	10430
	3500	3500	5000				120%	12000	2600	2600	3710				8910	2680	8910	10740
	3500	3500	6800				138%	13800	2350	2350	4560				9260	3110	9260	11000
	3500	5000	5000				135%	13500	2390	3410	3410				9210	3110	9210	11000
	3500	5000	6800				153%	15300	2240	3200	4360				9800	3200	9800	11000
3500	6800	6800				171%	17100	2000	3900	3900				9800	3290	9800	11000	
5000	5000	5000				150%	15000	3260	3270	3270				9800	3150	9800	11000	
5000	5000	6800				168%	16800	2920	2920	3960				9800	3240	9800	11000	
Unit 4	2000	2000	2000	2000			80%	8000	2000	2000	2000	2000			8000	2350	8000	9320
	2000	2000	2000	2500			85%	8500	2000	2000	2000	2500			8500	2350	8500	9950
	2000	2000	2000	3500			95%	9500	1850	1850	1850	3230			8780	2380	8780	10270
	2000	2000	2000	5000			110%	11000	1580	1580	1580	3950			8690	2590	8690	10430
	2000	2000	2000	6800			128%	12800	1420	1420	1420	4820			9080	2840	9080	10900
	2000	2000	2500	2500			90%	9000	1930	1930	2420	2420			8700	2350	8700	10270
	2000	2000	2500	3500			100%	10000	1770	1770	2210	3100			8850	2550	8850	10270
	2000	2000	2500	5000			115%	11500	1530	1530	1910	3830			8800	2590	8800	10740
	2000	2000	2500	6800			133%	13300	1380	1380	1720	4680			9160	3200	9160	10900
	2000	2000	3500	3500			110%	11000	1580	1580	2770	2770			8700	2550	8700	10430
	2000	2000	3500	5000			125%	12500	1440	1440	2520	3600			9000	2800	9000	10900
	2000	2000	3500	6800			143%	14300	1310	1310	2290	4450			9360	3240	9360	11000
	2000	2000	5000	5000			140%	14000	1330	1330	3320	3320			9300	3200	9300	11000
	2000	2000	5000	6800			158%	15800	1240	1240	3100	4220			9800	3290	9800	11000
	2000	2500	2500	2500			95%	9500	1850	2310	2310	2310			8780	2350	8780	10270
	2000	2500	2500	3500			105%	10500	1700	2130	2130	2980			8940	2550	8940	10430
	2000	2500	2500	5000			120%	12000	1480	1850	1850	3700			8880	2760	8880	10740
	2000	2500	2500	6800			138%	13800	1340	1680	1680	4560			9260	3200	9260	11000
	2000	2500	3500	3500			115%	11500	1530	1910	2680	2680			8800	2550	8800	10740
	2000	2500	3500	5000			130%	13000	1400	1750	2450	3500			9100	3150	9100	10900

1. Nominal cooling capacities are based on; Indoor temperature: 27°C DB, 19°C WB / Outdoor temperature: 35°C DB, Equivalent refrigerant piping: 5m , Level differences: 0m.
 2. Capacity value shown based on wall mounted Maldive range connection.
 3. For FJM multi split systems, minimum two indoor units should be connected to outdoor unit for system operation.
 Specifications may be subject to change without prior notice due to updates and product development.

COOLING	Outdoor Unit	Indoor Unit Combination							Cooling Capacity (W)						Capacity			
		A	B	C	D	E	%	Total	A	B	C	D	E	Total	W			
									MIN			NOM			MAX			
Unit 4		2000	2500	3500	6800		148%	14800	1280	1600	2240	4350		9470	3240	9470	11000	
		2000	2500	5000	5000		145%	14500	1300	1620	3240	3240		9400	3200	9400	11000	
		2000	2500	5000	6800		163%	16300	1200	1500	3010	4090		9800	3290	9800	11000	
		2000	3500	3500	3500		125%	12500	1440	2520	2520	2520		9000	2760	9000	10900	
		2000	3500	3500	5000		140%	14000	1330	2330	2330	3330		9320	3150	9320	11000	
		2000	3500	3500	6800		158%	15800	1240	2170	2170	4220		9800	3240	9800	11000	
		2000	3500	5000	5000		155%	15500	1270	2210	3160	3160		9800	3240	9800	11000	
		2000	3500	5000	6800		173%	17300	1140	1980	2830	3850		9800	3330	9800	11000	
		2000	5000	5000	5000		170%	17000	1160	2880	2880	2880		9800	3290	9800	11000	
		2500	2500	2500	2500		100%	10000	2210	2210	2210	2210		8840	2510	8840	10270	
		2500	2500	2500	3500		110%	11000	1980	1980	1980	2770		8710	2550	8710	10430	
		2500	2500	2500	5000		125%	12500	1800	1800	1800	3600		9000	2760	9000	10900	
		2500	2500	2500	6800		143%	14300	1640	1640	1640	4460		9380	3200	9380	11000	
		2500	2500	3500	3500		120%	12000	1850	1850	2600	2600		8900	2720	8900	10740	
		2500	2500	3500	5000		135%	13500	1700	1700	2390	3410		9200	3150	9200	11000	
		2500	2500	3500	6800		153%	15300	1600	1600	2240	4360		9800	3240	9800	11000	
		2500	2500	5000	5000		150%	15000	1630	1630	3270	3270		9800	3200	9800	11000	
		2500	2500	5000	6800		168%	16800	1460	1460	2920	3960		9800	3290	9800	11000	
		2500	3500	3500	3500		130%	13000	1750	2450	2450	2450		9100	3110	9100	10900	
		2500	3500	3500	5000		145%	14500	1620	2270	2270	3240		9400	3150	9400	11000	
		2500	3500	3500	6800		163%	16300	1510	2100	2100	4090		9800	3240	9800	11000	
		2500	3500	5000	5000		160%	16000	1540	2140	3060	3060		9800	3240	9800	11000	
		3500	3500	3500	3500		140%	14000	2330	2330	2330	2330		9320	3110	9320	11000	
		3500	3500	3500	5000		155%	15500	2210	2210	2210	3170		9800	3200	9800	11000	
		3500	3500	3500	6800		173%	17300	1980	1980	1980	3860		9800	3290	9800	11000	
		3500	3500	5000	5000		170%	17000	2020	2020	2880	2880		9800	3240	9800	11000	
	Unit 5		2000	2000	2000	2000	2000	100%	10000	1900	1900	1900	1900	1900	9500	2630	9500	10270
			2000	2000	2000	2000	2500	105%	10500	1820	1820	1820	1820	2270	9500	2630	9500	10430
			2000	2000	2000	2000	3500	115%	11500	1680	1680	1680	1680	2940	9660	2660	9660	10740
			2000	2000	2000	2000	5000	130%	13000	1540	1540	1540	1540	3840	10000	3240	10000	10900
			2000	2000	2000	2000	6800	148%	14800	1350	1350	1350	1350	4600	10000	3330	10000	11000
			2000	2000	2000	2500	2500	110%	11000	1750	1750	1750	2180	2180	9610	2630	9610	10430
			2000	2000	2000	2500	3500	120%	12000	1620	1620	1620	2020	2830	9710	2840	9710	10740
			2000	2000	2000	2500	5000	135%	13500	1480	1480	1480	1860	3700	10000	3240	10000	11000
			2000	2000	2000	2500	6800	153%	15300	1310	1310	1310	1630	4440	10000	3330	10000	11000
		2000	2000	2000	3500	3500	130%	13000	1540	1540	1540	2690	2690	10000	3200	10000	10900	
		2000	2000	2000	3500	5000	145%	14500	1380	1380	1380	2410	3450	10000	3290	10000	11000	
		2000	2000	2000	3500	6800	163%	16300	1230	1230	1230	2150	4160	10000	3380	10000	11000	
		2000	2000	2000	5000	5000	160%	16000	1240	1240	1240	3140	3140	10000	3330	10000	11000	
		2000	2000	2500	2500	2500	115%	11500	1680	1680	2100	2100	2100	9660	2630	9660	10740	
		2000	2000	2500	2500	3500	125%	12500	1600	1600	2000	2000	2800	10000	2840	10000	10900	
		2000	2000	2500	2500	5000	140%	14000	1430	1430	1790	1790	3560	10000	3240	10000	11000	
		2000	2000	2500	2500	6800	158%	15800	1270	1270	1580	1580	4300	10000	3330	10000	11000	
		2000	2000	2500	3500	3500	135%	13500	1480	1480	1860	2590	2590	10000	3200	10000	11000	
		2000	2000	2500	3500	5000	150%	15000	1330	1330	1680	2330	3330	10000	3290	10000	11000	
		2000	2000	2500	3500	6800	168%	16800	1190	1190	1490	2080	4050	10000	3380	10000	11000	
		2000	2000	2500	5000	5000	165%	16500	1210	1210	1520	3030	3030	10000	3330	10000	11000	
		2000	2000	3500	3500	3500	145%	14500	1370	1370	2420	2420	2420	10000	3240	10000	11000	
		2000	2000	3500	3500	5000	160%	16000	1250	1250	2190	2190	3120	10000	3290	10000	11000	
		2000	2500	2500	2500	2500	120%	12000	1620	2020	2020	2020	2020	9700	2800	9700	10740	
		2000	2500	2500	2500	3500	130%	13000	1550	1920	1920	1920	2690	10000	3200	10000	10900	
		2000	2500	2500	2500	5000	145%	14500	1390	1720	1720	1720	3450	10000	3240	10000	11000	
		2000	2500	2500	2500	6800	163%	16300	1240	1530	1530	1530	4170	10000	3330	10000	11000	
		2000	2500	2500	3500	3500	140%	14000	1440	1790	1790	2490	2490	10000	3200	10000	11000	
		2000	2500	2500	3500	5000	155%	15500	1290	1610	1610	2260	3230	10000	3290	10000	11000	
		2000	2500	2500	3500	6800	173%	17300	1160	1450	1450	2020	3920	10000	3380	10000	11000	
		2000	2500	2500	5000	5000	170%	17000	1180	1470	1470	2940	2940	10000	3330	10000	11000	
		2500	2500	3500	3500	3500	150%	15000	1340	1670	2330	2330	2330	10000	3240	10000	11000	
		2500	2500	3500	3500	5000	165%	16500	1210	1520	2120	2120	3030	10000	3290	10000	11000	
		2500	3500	3500	3500	3500	160%	16000	1240	2190	2190	2190	2190	10000	3240	10000	11000	
		2500	2500	2500	2500	2500	125%	12500	2000	2000	2000	2000	2000	10000	3000	10000	11000	
	2500	2500	2500	2500	3500	135%	13500	1850	1850	1850	1850	2600	10000	3200	10000	11000		
	2500	2500	2500	2500	5000	150%	15000	1670	1670	1670	1670	3320	10000	3240	10000	11000		
	2500	2500	2500	2500	6800	168%	16800	1490	1490	1490	4040	10000	3330	10000	11000			
	2500	2500	2500	3500	3500	145%	14500	1720	1720	2420	2420	2420	10000	3200	10000	11000		
	2500	2500	2500	3500	5000	160%	16000	1560	1560	1560	2190	3130	10000	3290	10000	11000		
	2500	2500	3500	3500	3500	155%	15500	1610	1610	2260	2260	2260	10000	3240	10000	11000		
	2500	2500	3500	3500	5000	170%	17000	1470	1470	2060	2060	2940	10000	3290	10000	11000		
	2500	3500	3500	3500	3500	165%	16500	1520	2120	2120	2120	2120	10000	3240	10000	11000		

1. Nominal cooling capacities are based on; Indoor temperature: 27°C DB, 19°C WB / Outdoor temperature: 35°C DB, Equivalent refrigerant piping: 5m , Level differences: 0m.
 2. Capacity value shown based on wall mounted Maldive range connection.
 3. For FJM multi split systems, minimum two indoor units should be connected to outdoor unit for system operation.
 Specifications may be subject to change without prior notice due to updates and product development.

Samsung Air Conditioning Committed to After Sales and Warranty Support providing you peace of mind



5 Year Warranty on Parts and Labour

Rest assured that you are buying a quality Air Conditioner with Samsung's 5 year parts and labour warranty on products featured in this brochure. Refer to the warranty card included with your product for full details.*



National Samsung Service Network

Our national network of Authorised Service Centres are on hand to support your product.



MEPS Compliant

Air Conditioners sold in Australia are required to meet Minimum Energy Performance Standards (MEPS) set by the government.



Product Support Line

If you have any concerns about your product simply call 1300 362 603 and our friendly staff will assist with your enquiry and book a service call if required.

* This is in addition to the rights of consumers under consumer guarantees pursuant to the Australian Consumer Law.

To learn more about
Samsung AIR CONDITIONERS
visit www.samsung.com/au/consumer/home-appliances/air-conditioners
or drop us an email at airsolutions.samsung@samsung.com

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