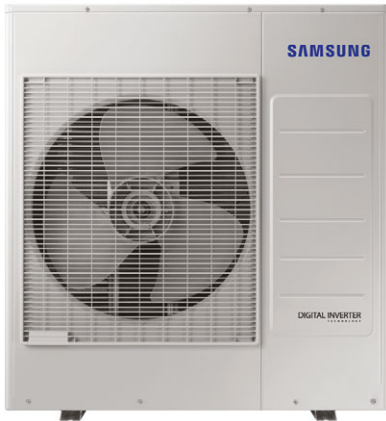


Outdoor unit range

The Samsung Free Joint Multi (FJM) air conditioning system combines efficiency and reliability to deliver outstanding performance in a space-saving design. Supporting up to five indoor units, the FJM is a perfectly optimized cooling system for residences and smaller buildings with limited installation space.



Model			AJ050TXJ2KH/EA	AJ068TXJ3KH/EA	AJ080TXJ4KH/EA	AJ100TXJ5KH/EA	AJ125TXJ5KH/EA
Refrigerant			R410A				
Power Supply		(ØV, Hz)	1,220-240, 50				
Rated Capacity	Cooling	(kW)	5.0	6.8	8.0	10.0	12.5
	Heating	(kW)	5.7	8.0	9.0	12.0	13.5
Connectable number of indoor units		Maximum	2	3	4	5	5
Efficiency ratio	EER - Cooling		3.79	3.40	3.36	3.45	3.16
	COP - Heating		4.22	4.19	4.23	4.10	3.90
Current	MCA	(A)	11.9	15.2	18.2	25.0	34.0
	MFA	(A)	13.8	17.5	20.8	28.8	40.0
Sound Pressure	Cooling	dB(A)	46	48	48	54	52
	Heating	dB(A)	48	50	70	55	54
Sound Power		dB(A)	61	64	64	70	70
Piping, connections	Liquid Pipe	Φ, mm x EA	6.35 x 2	6.35 x 3	6.35 x 4	6.35 x 5	6.35 x 5
		Φ, inch x EA	1/4 x 2	1/4 x 3	1/4 x 4	1/4 x 5	1/4 x 5
	Gas Pipe	Φ, mm x EA	9.52 x 2	9.52 + 12.7x2	9.52x2 + 12.7x2	9.52x2 + 12.7x3	9.52x2 + 12.7x3
		Φ, inch x EA	3/8 x 2	3/8 + 1/2x2	3/8x2 + 1/2x2	3/8x2 + 1/2x3	3/8x2 + 1/2x3
	Total Piping Length	(m)	30	50	50	70	70
	Max. Piping length (OD to ID)	(m)	25	25	25	25	25
Max Height (ID to OD)	(m)	15	15	15	15	15	
Max Height (ID to ID)	(m)	7.5	7.5	7.5	7.5	7.5	
Weight		(kg)	36	53.5	57.5	76.5	87.5
Dimension	WxHxD	(mm)	790 x 548 x 285	880 x 798 x 310	880 x 798 x 310	940 x 998 x 330	940 x 1210 x 330
Operating temperature range	Cooling	°C	-10 to 46				
	Heating	°C	-15 to 24				

Images are for illustration purposes. Product images may be different to actual product, product sizes vary depending on model. Specifications may be subject to change without prior notice.

- Capacities are based on (Equivalent refrigerant piping: 5m, Level differences: 0m).
 - Cooling: Indoor temperature: 27°C DB, 19°C WB / Outdoor temperature: 35°C DB, 24°C WB.
 - Heating: Indoor temperature: 20°C DB, 15°C WB / Outdoor temperature: 7°C DB, 6°C WB.
- Select wire size based on the value of MCA.
- Sound pressure level is obtained in an anechoic room.
 - Sound pressure level is a relative value, depending on the distance and acoustic environment.
 - Sound pressure level may differ depending on operation condition.
 - dB(A) = A-weighted sound pressure level.
 - Reference acoustic pressure 0 dB = 20µPa.
- Sound power level is an absolute value that a sound source generates.
 - dB(A) = A-weighted sound power level.
 - Reference power: 1pW.
 - Measured according to ISO 3741.
- These products contain R410A (GWP=2,088) which is fluorinated greenhouse gas.