



Multi Split Systems

PRODUCT FLYER

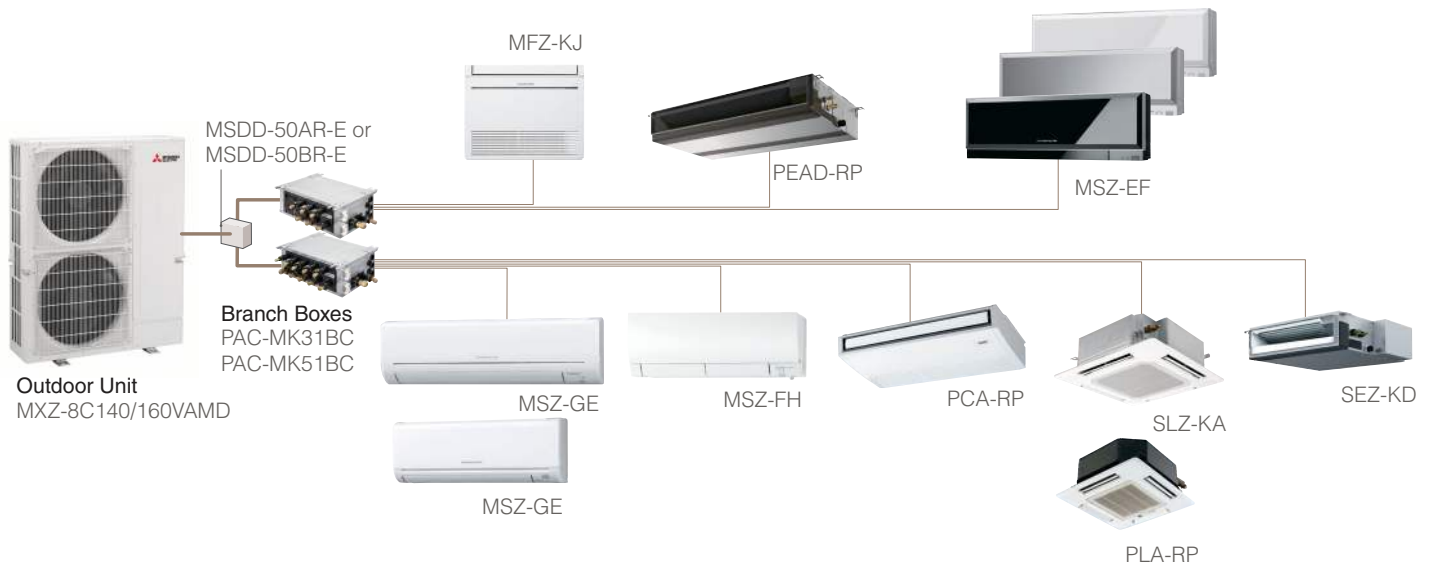


Multi Split Series

MULTIPLE INDOOR UNITS CAN BE CONNECTED TO A SINGLE OUTDOOR UNIT

Select from a Wide Range of Stylish Indoor Units

For an attractive installation and optimum use of indoor space, choose the system that best matches your needs from 9 types including wall-mounted, floor-standing, ceiling-concealed, ceiling-cassette and ceiling-suspended units.



MODEL	Wall Mounted								Floor Standing		Ceiling Concealed						Ceiling Cassette					Ceiling Suspended			
	MSZ-FH		MSZ-EF	MSZ-GE			MFZ		SEZ			PEAD		SLZ		PLA			PCA						
	25/35	50	22/25/35/42/50	22/25/35/42/50	60	71	80	25/35	50	25/35	50	60	71	71	100	25/35	50	60	71	100	50	60	71	100	
MXZ-2D52VA	•		•	•				•		•					•										
MXZ-2E52VAD	•		•	•				•		•					•										
MXZ-3E54VAD	•	•	•	•				•	•	•	•				•	•					•				
MXZ-4E71VAD	•	•	•	•	•			•	•	•	•	•			•	•	•				•	•			
MXZ-4E80VAD	•	•	•	•	•	•		•	•	•	•	•	•		•	•	•	•			•	•	•		
MXZ-5E100VAD	•	•	•	•	•	•		•	•	•	•	•	•		•	•	•	•			•	•	•		
MXZ-6E120VAD	•	•	•	•	•	•		•	•	•	•	•	•		•	•	•	•			•	•	•		
MXZ-8C140VAMD	•	•	•	•	•	•		•	•	•	•	•	•	•	•	•	•	•	•		•	•	•	•	•
MXZ-8C160VAMD	•	•	•	•	•	•		•	•	•	•	•	•	•	•	•	•	•	•		•	•	•	•	•



Demand Response Capable[~]

Based on connection of a demand response enabling device (DRED), Demand Response Mode is activated in response to signals sent from the electric power company at times when it is necessary to reduce peak demand.

[~]Based on AS/NZS 4755.3.1:2014 (Excludes MXZ-2D52VA)



Advanced Remote Controller

The optional wired remote controller (PAR-32MAA[^]) with a weekly timer function enables eight separate pattern settings in a single day.

[^]Requires optional interface (MAC-333IF-E) if indoor type is wall-mounted and floor-standing.



Quiet Operation (Quiet Mode)

We recognise that noise affects comfort, so we constantly work to make our air conditioners as quiet as possible. With improvements to our fan blades combined with a new grille shape to our outdoor unit it's even quieter when in low noise mode. We want you to feel the warmth, not hear it.

Space Saving

The Mitsubishi Electric Inverter Multi split System is designed to allow several indoor units to be connected to a single outdoor unit. This enhances exterior aesthetics by reducing the number of outdoor units necessary, while also providing you with an easy and economical way of adding indoor units at any time.

Economical Operation

Efficient operation is achieved through heating/cooling only the desired space, and cutting waste by preventing air conditioning of areas where it is not needed. The style of using an individual air conditioner for each room allows more economical performance and thus larger energy savings than ever before.

Wi-Fi Control[^]

Unlock the door to smarter cooling and heating for total home comfort. You can control and monitor your air conditioner from anywhere anytime via your smart-phone, tablet or Online account.

[^]Additional adapter MAC-558IF-E required per unit.

PROVIDING A QUIET, HIGHLY EFFICIENT AND FLEXIBLE AIR CONDITIONING SYSTEM

2-port	2 / 3 / 4-port	8-port
 <p>MXZ-2D52VA</p>	<p>NEW PRODUCT</p>  <p>MXZ-2E52VAD MXZ-3E54VAD MXZ-4E71VAD</p>	<p>NEW PRODUCT</p>  <p>Outdoor Unit MXZ-8C140VAMD MXZ-8C160VAMD</p>
4 / 5-port	6-port	
<p>NEW PRODUCT</p>  <p>MXZ-4E80VAD MXZ-5E100VAD</p>	<p>NEW PRODUCT</p>  <p>MXZ-6E120VAD</p>	<p>NEW PRODUCT</p>  <p>Branch Boxes PAC-MK51BC PAC-MK31BC</p>

SPECIFICATIONS

MXZ				Up to 2 Indoor Units		Up to 3 Indoor Units		Up to 4 Indoor Units		Up to 5 Indoor Units		Up to 6 Indoor Units			
Model Name				MXZ-2D52VA		MXZ-2E52VAD		MXZ-3E54VAD-A1		MXZ-4E71VAD-A1		MXZ-5E100VAD-A1		MXZ-6E120VAD-A1	
Power Supply (V, Phase, Hz, Source)				230V, Single, 50Hz, Outdoor unit power supply											
Cooling	Capacity	Rated	kW	5.2	5.2	5.4	7.1	8.0	10.0	12.0					
		Min-Max	kW	1.1 - 6.0	2.0 - 6.0	2.9 - 6.8	3.7 - 8.8	3.7 - 9.2	3.9 - 11.0	3.5 - 13.5					
	Power Input [Indoor+Outdoor]			kW	1.40	1.40	1.25	1.88	2.07	2.95	3.53				
	AEER/EER [Indoor+Outdoor]				3.67 / 3.71	3.37 / 3.71	3.88 / 4.32	3.51 / 3.78	3.61 / 3.86	3.22 / 3.39	3.26 / 3.40				
	Running Current [Indoor+Outdoor]			A	6.3	6.1	5.5	8.3	9.1	13.0	15.5				
	Sound Pressure Level [Outdoor]		Silent - High	dB(A)	45 - 49	47 - 50	45 - 50	45 - 50	48 - 51	49 - 52	52 - 55				
	Air Volume [Outdoor]			ℓ/s	548	633	633	633	958	1085	1050				
Heating	Capacity	Rated	kW	6.1	6.1	7.0	8.0	8.8	10.0	13.2					
		Min-Max	kW	1.0 - 7.0	1.8 - 7.2	2.6 - 9.2	3.4 - 10.7	3.4 - 11.8	4.1 - 14.0	3.5 - 16.5					
	Power Input [Indoor+Outdoor]			kW	1.59	1.59	1.61	1.84	1.91	2.30	3.49				
	ACOP/COP [Indoor+Outdoor]				3.80 / 3.84	3.54 / 3.84	4.01 / 4.35	4.06 / 4.37	4.28 / 4.60	4.09 / 4.35	3.62 / 3.78				
	Running Current [Indoor+Outdoor]			A	7.1	7.0	7.1	8.1	8.4	10.1	15.3				
	Sound Pressure Level [Outdoor]		Silent - High	dB(A)	48 - 50	50 - 53	48 - 53	48 - 54	48 - 51	54 - 57	54 - 57				
	Air Volume [Outdoor]			ℓ/s	555	735	735	757	927	1133	1283				
Number of Connectable Indoor Units			Min. - Max.	2	2	2 - 3	2 - 4	2 - 4	2 - 5	2 - 6					
Breaker Size			A	15	15	25	25	25	25	32					
Outdoor	Dimensions	Height	mm	550	710	710	710	796	796	1048					
		Width	mm	800	840	840	840	950	950	950					
		Depth	mm	285	330	330	330	330	330	330					
	Weight			kg	37	58	58	59	63	64	88				
Ext. Piping	Diameter	Liquid (ø)	mm	6.35 x 2	6.35 x 2	6.35 x 3	6.35 x 4	6.35 x 4	6.35 x 5	6.35 x 6					
		Gas (ø)	mm	9.52 x 2	9.52 x 2	9.52 x 3	9.52x3+12.7x1	9.52x3+12.7x1	9.52x4+12.7x1	9.52x5+12.7x1					
	Max. Length		Total / Each	m	30 / 20	40 / 20	50 / 25	60 / 25	70 / 25	80 / 25	80 / 25				
	Max. Height			m	15 / 10 **	15 / 10 **	15 / 10 **	15 / 10 **	15 / 10 **	15 / 10 **	15 / 10 **				
Refrigerant Chargeless Piping Length				m	20	40	40	30	5	30					
Guaranteed Operating Range [Outdoor]	Cooling		°C	-10 ~ -46	-10 ~ -46	-10 ~ -46	-10 ~ -46	-10 ~ -46	-10 ~ -46	-10 ~ -46					
	Heating		°C	-15 ~ -24	-15 ~ -24	-15 ~ -24	-15 ~ -24	-15 ~ -24	-15 ~ -24	-15 ~ -24					

MXZ-8C140/160VAMD				Up to 8 indoor units				
Model Name				MXZ-8C140VAMD		MXZ-8C160VAMD		
Power Supply (V, Phase, Hz, Source)				230V, Single, 50Hz, Outdoor unit power supply *4				
Cooling	Capacity	Rated	kW	14.0	15.5			
			kW	3.46	4.52			
	Power Input [Outdoor]			kW	3.88	3.32		
	EER *2 [Indoor+Outdoor]				15.3	20.0		
	Running Current *3 [Outdoor]			A	16.5	19.7		
	Sound Pressure Level [Outdoor]		Silent - Rated	dB(A)	47 - 50	48 - 51		
	Air Volume [Outdoor]			ℓ/s	1,833	1,833		
Heating	Capacity	Rated	kW	16.0	18.0			
			kW	3.74	4.47			
	Power Input [Outdoor]			kW	4.12	3.90		
	COP *2 [Indoor+Outdoor]				16.5	19.7		
	Running Current *3 [Outdoor]			A	52	54		
	Sound Pressure Level [Outdoor]		Rated	dB(A)	52	54		
	Air Volume [Outdoor]			ℓ/s	1,833	1,833		
Number of Connectable Indoor Units			Min. - Max.	2 - 8	2 - 8			
Breaker Size			A	40 (32 *4)	40 (32 *4)			
Outdoor	Dimensions	Height	mm	1,338	1,338			
		Width	mm	1,050	1,050			
		Depth	mm	330	330			
	Weight			kg	125	125		
Ext. Piping	Diameter	Liquid (ø)	mm	9.52 x 1	9.52 x 1			
		Gas (ø)	mm	15.88 x 1	15.88 x 1			
	Max. Length		Total / Each	m	150 / 80	150 / 80		
	Max. Height *3			m	30 / 20	30 / 20		
Refrigerant Chargeless Piping Length				m	5 *5	5 *5		
Guaranteed Operating Range [Outdoor]	Cooling		°C	-5 ~ +46	-5 ~ +46			
	Heating		°C	-20 ~ +21	-20 ~ +21			

Type				Branch Box			
Model Name				PAC-MK51BC		PAC-MK31BC	
Number of Connectable Indoor Units				Max.5		Max. 3	
Power Supply [V, Phase, Hz, Source]				230V, Single, 50Hz, Outdoor unit power supply			
Total Input				kW			
Operating Current				A			
Dimensions				mm			
Weight				kg			
Piping	Branch [Indoor side]	Liquid	mm	6.35x5	6.35x3		
		Gas	mm	9.52x4, 12.7x1	9.52x3		
	Main [Outdoor side]	Liquid	mm	9.52			
		Gas	mm	15.88			
Connection Method				Flared			
Wiring	To Indoor Unit			3-wire + Earth wire			
	To Outdoor Unit [power]			2-wire + Earth wire			
	To Outdoor Unit [comms]			2-core shielded 1.25mm ² or above			

Maximum Piping Length (Total Length)							
Model	30m	40m	50m	60m	70m	80m	150m
MXZ-2D52VA	✓						
MXZ-2E52VAD		✓					
MXZ-3E54VAD			✓				
MXZ-4E71VAD				✓			
MXZ-4E80VAD					✓		
MXZ-5E100VAD						✓	
MXZ-6E120VAD							✓
MXZ-8E140VAMD							✓
MXZ-8E160VAMD							✓

NOTE: Model name shows rated cooling capacity when max. quantity of indoor units are connected. MXZ-5D100VA: 10kW at rated connected with 5 indoor units. Power input, running current and AEER/ACOP are the figures when connected with below indoor units.

MXZ-2D52VA MSZ-GE35VADx2, MXZ-2E52VAD MSZ-GE35VADx2
 MXZ-3E54VAD MSZ-GE25VADx3, MXZ-4E71VAD MSZ-GE25VADx4
 MXZ-4E80VAD MSZ-GE25VADx4, MXZ-5E100VAD MSZ-GE25VADx5
 MXZ-6E120VAD MSZ-GE25VADx6

Rating Conditions: Cooling: Indoor 27°C, D.B./19°C, W.B. Outdoor 35°C, D.B./24°C, W.B.
 Heating: Indoor 20°C, D.B./15°C, W.B. Outdoor 7°C, D.B./6°C, W.B.

*1 If the outdoor unit is installed higher than the indoor unit, max. Height is reduced to 10m.

*2 Figures represented in power input, running current and EER/COP are when connected with indoor units below.

MXZ-8C140VAMD MSZ-FH25VE x 3, MSZ-FH35VE x 2,
 MXZ-8C160VAMD MSZ-FH25VE x 2, MSZ-FH35VE x 3

*3 The maximum height is 20m when installing an outdoor unit positioned lower than indoor unit.

*4 Breaker Size is 32A when power is supplied separately.

*5 Up to 15m is possible when total capacity of indoor units is within 16.0kW.



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The specifications and information in this flyer are subject to change without notice. Colours depicted in this flyer may vary slightly. Images are for illustrational purposes only.