MITSUBISHI ELECTRIC

Multi Split Systems

MXZ Series



MXZ Series

The Perfect Addition to your Home

Mitsubishi Electric is pleased to introduce the R32 range of Multi Split Systems. With the introduction of R32 in the MXZ Series, it has enabled an increased energy efficiency with just one third of the global warming potential of the R410A. A Multi Split System is the perfect addition to any home, giving home owners the opportunity to select from a variety of indoor units to suit each room.

- Capacity Range: 5.2/5.4/7.1/8.0/10.0/12.0kW.
- Guaranteed Operating Range: -10°C to 46°C (Cooling), -5°C (-15°C*1) to 24°C (Heating).

*1 Optional air protection guide is required where ambient temperature is lower than -5°C.



2-Port
MXZ-2F52VF-A1



2/3/4-Port
MXZ-2F52VGD-A1
MXZ-3F54VGD-A1
MXZ-4F71VGD-A1



4/5-Port
MXZ-4F80VGD-A1
MXZ-5F100VGD-A1



6-Port
MXZ-6F120VGD-A1



Outdoor Unit
MXZ-6F120VGD-A1

Indoor Unit Compatibility

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 including wall mounted, floor standing, ceiling cassette, ceiling suspended and ceiling concealed units, available in various capacities.

Refer to the following table to check if an indoor unit can be used with an outdoor unit. Combinations not listed in the table cannot be used.

MXZ Series

Model	Wall Mounted							Floor Standing		Ceiling Cassette				Ceiling Concealed						
	MSZ-LN		MSZ-EF	MSZ-AP				MFXZ-KW		SLZ-M		MLZ-KP		SEZ-M				PEAD-M		
Capacities	25/35	50	22/25/35/42/50	15/20/22/25/35/42/50	60	71	80	25/35	50	25/35	50	25/35	50	25/35	50	60	71	50	60	71
MXZ-2F52VF-A1	●		●	●				●		●		●		●						
MXZ-2F52VGD-A1	●		●	●				●		●		●		●						
MXZ-3F54VGD-A1	●	●	●	●				●	●	●	●	●	●	●	●			●		
MXZ-4F71VGD-A1	●	●	●	●	●			●	●	●	●	●	●	●	●	●		●	●	
MXZ-4F80VGD-A1	●	●	●	●	●	●		●	●	●	●	●	●	●	●	●	●	●	●	●
MXZ-5F100VGD-A1	●	●	●	●	●	●		●	●	●	●	●	●	●	●	●	●	●	●	●
MXZ-6F120VGD-A1	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●



Product Specifications

MXZ Series									
Outdoor Unit				MXZ-2F52VF-A1	MXZ-2F52VGD-A1	MXZ-3F54VGD-A1	MXZ-4F71VGD-A1	MXZ-4F80VGD-A1	MXZ-5F100VGD-A1	MXZ-6F120VGD-A1
Refrigerant				R32						
Precharge Refrigerant				1.0	2.4					
Power Supply (V, Phase, Hz)				220V, single, 60Hz / 230V, single, 50Hz						
Cooling	Capacity [Min-Rated-Max]		kW	1.1 - 5.2 - 5.6	2.0 - 5.2 - 6.0	2.9 - 5.4 - 6.8	3.7 - 7.1 - 8.8	3.7 - 8.0 - 9.2	3.9 - 10.0 - 11.0	3.5 - 12.0 - 14.0
	Total Input [Rated]		kW	1.38	1.38	1.25	1.79	1.98	2.84	3.30
	AEER/EER			3.72/3.77	3.73/3.77	4.26/4.32	3.93/3.97	4.00/4.04	3.49/3.52	3.61/3.64
	Running Current [Rated]		A [220V/60Hz - 230V/50Hz]	6.50 - 6.30	6.40 - 6.10	5.80 - 5.50	8.30 - 7.90	9.10 - 8.70	13.00 - 12.50	15.20 - 14.50
			Out [PWL]	61	60	60	63	61	65	68
Heating	Capacity [Min-Rated-Max]		kW	1.0 - 6.1 - 7.0	1.8 - 6.1 - 7.2	2.6 - 7.0 - 9.0	3.4 - 8.0 - 10.7	3.4 - 8.8 - 11.6	4.1 - 10.0 - 14.0	3.5 - 13.2 - 16.5
	Total Input [Rated]		kW	1.49	1.45	1.43	1.67	1.68	2.07	3.00
	ACOP/COP			4.05/4.09	4.17/4.21	4.84/4.90	4.74/4.79	5.18/5.24	4.78/4.83	4.37/4.40
	Running Current [Rated]		A [220V/60Hz - 230V/50Hz]	7.1 - 6.7	6.7 - 6.4	6.6 - 6.3	7.7 - 7.4	7.7 - 7.4	9.5 - 9.1	13.8 - 13.2
			Out [PWL]	63	65	65	66	63	67	72
Max. Running Current			A	12.2	12.2	18.0	18.0	21.4	21.4	29.8
Breaker Size			A	15	15	25	25	25	25	32
Outdoor Unit	Dimensions [HxWxD]		mm	550 x 800 x 285	710 x 840 x 330			796 x 950 x 330		1048 x 950 x 330
	Weight		kg	37	57	58	59	61	62	87
Piping	Diameter [Gas/Liquid]		mm	9.52 x 2 / 6.35 x 2	9.52 x 2 / 6.35 x 2	9.52 x 3 / 6.35 x 3	9.52 x 3 + 12.7 x 1 / 6.35 x 4	9.52 x 3 + 12.7 x 1 / 6.35 x 4	9.52 x 4 + 12.7 x 1 / 6.35 x 5	9.52 x 5 + 12.7 x 1 / 6.35 x 6
	Max. Length [Total-Each]		m	30 - 20	40 - 20	50 - 25	60 - 25	70 - 25	80 - 25	80 - 25
	Max. Height		m	15/10*1	15/10*1	15/10*1	15/10*1	15	15	15
Guaranteed Operating Range [Outdoor]		Cooling	°C	-10 ~ 46						
		Heating	°C	-15 ~ 24						

Maximum Piping Length (Total Length)						
Model	30m	40m	50m	60m	70m	80m
MXZ-2F52VF-A1	✓					
MXZ-2F52VGD-A1		✓				
MXZ-3F54VGD-A1			✓			
MXZ-4F71VGD-A1				✓		
MXZ-4F80VGD-A1					✓	
MXZ-5F100VGD-A1						✓
MXZ-6F120VGD-A1						✓

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, maximum height is reduced to 10m.

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