



**MITSUBISHI
ELECTRIC**

AIR CONDITIONING SYSTEMS

Signature Series

NEW



MSZ-EF22/25/35/42/50VEB

Black

The black Signature Series units feature a luxurious black finish, delivering a professional, quality feel to dark interiors.



MSZ-EF22/25/35/42/50VES

Silver

The silver Signature Series units are produced using highly advanced manufacturing processes, including the application of a special film coating to produce a stylish, contemporary finish.



MSZ-EF22/25/35/42/50VEW

White

The white Signature Series units blend in perfectly with light coloured interiors. The thin, stylish design expresses a sophisticated elegance.



Key Features:

Stylist Line-up Matches Any room Décor:

The streamlined wall-mounted units have elegant silver-bevelled edges, expressing sophistication and quality. Combining impressively low power consumption and yet quite powerful performance, these units provide best match scenario for diverse interior designs while simultaneously ensuring maximum room and energy savings.

Quiet Operation: The Signature Series indoor units feature a “Silent mode” fan speed setting that provides near silent operation as low as 21dBA (sizes 25/35).

Weekly Timer: Utilising a stylish infra-red remote controller, all Signature indoor units feature a built in weekly timer for complete control at all times.

Filter: The Signature series are equipped with nano platinum filter. This filter incorporates nanometre-sized platinum-ceramic particles that generate stable antibacterial and deodorising effects.

Specifications (Single Split - Wall Mounted)

Type		Inverter Heat Pump (R410A)					
Model Name		MSZ-EF22VEW/B/S	MSZ-EF25VEW/B/S	MSZ-EF35VEW/B/S	MSZ-EF42VEW/B/S	MSZ-EF50VEW/B/S	
Indoor Unit		MSZ-EF22VEW/B/S	MSZ-EF25VEW/B/S	MSZ-EF35VEW/B/S	MSZ-EF42VEW/B/S	MSZ-EF50VEW/B/S	
Outdoor Unit		N/A	MUZ-EF25VE	MUZ-EF35VE	MUZ-EF42VE	MUZ-EF50VE	
Power Supply [V, Phase, Hz]		230V, Single, 50Hz, Outdoor unit power supply					
Cooling	Capacity [Min-Rated-Max]	kW	—	1.2 - 2.5 - 3.4	1.4 - 3.5 - 4.0	0.9 - 4.2 - 4.6	1.4 - 5.0 - 5.4
	Total Input [Min-Rated-Max]	kW	—	0.240 - 0.545 - 1.150	0.210 - 0.910 - 1.500	0.160 - 1.280 - 1.930	0.300 - 1.560 - 1.980
	AEER/EER		—	4.56 / 4.59	3.83 / 3.85	3.27 / 3.28	3.20 / 3.21
	Star Rating		—	4.5	3.0	2.0	1.5
	Running Current [Rated]	A	—	2.9	4.2	5.7	6.9
	Sound Pressure [IN (Lo-Mid-Hi-SHi)*]	dB(A)	21 - 23 - 29 - 36 - 42	21 - 23 - 29 - 36 - 42	21 - 24 - 29 - 36 - 42	28 - 31 - 35 - 39 - 42	30 - 33 - 36 - 40 - 43
	Level [OUT (PWL)]	dB(A)	—	47 (60)	49 (63)	50 (64)	52 (66)
	Air Volume [IN] [Lo-SHi]*	L/S	67 - 175	67 - 175	67 - 175	97 - 172	97 - 183
Heating	Capacity [Min-Rated-Max]	kW	—	1.1 - 3.2 - 4.2	1.8 - 4.0 - 5.5	1.4 - 5.4 - 6.3	1.6 - 5.8 - 7.5
	Total Input [Min-Rated-Max]	kW	—	0.250 - 0.700 - 1.170	0.280 - 0.955 - 1.530	0.260 - 1.460 - 2.050	0.310 - 1.565 - 2.640
	ACOP/COP		—	4.55 / 4.57	4.17 / 4.19	3.69 / 3.70	3.70 / 3.71
	Star Rating		—	4.5	4.0	2.5	2.5
	Running Current [Rated]	A	—	3.5	4.4	6.5	7.0
	Sound Pressure [IN (Lo-Mid-Hi-SHi)*]	dB(A)	21 - 24 - 29 - 37 - 45	21 - 24 - 29 - 37 - 45	21 - 24 - 30 - 38 - 46	28 - 30 - 35 - 41 - 48	30 - 33 - 37 - 43 - 49
	Level [OUT (PWL)]	dB(A)	—	48 (60)	50 (63)	51 (64)	52 (66)
	Air Volume [IN] [Lo-SHi]*	L/S	67 - 198	67 - 198	67 - 212	97 - 212	107 - 220
Starting Current		A	—	3.5	4.4	6.5	7.0
Max. Running Current		A	—	7.3	8.5	9.5	12.4
Indoor Unit	Input [Rated] Cooling/Heating	W	14 / 27	14 / 27	14 / 31	14 / 31	18 / 34
	Dimensions [HxWxD]	mm	299 x 895 x 195	299 x 895 x 195	299 x 895 x 195	299 x 895 x 195	299 x 895 x 195
	Weight	kg	11.5	11.5	11.5	11.5	11.5
Outdoor Unit	Dimensions [HxWxD]	mm	—	550 x 800 x 285	550 x 800 x 285	550 x 800 x 285	880 x 840 x 330
	Weight	kg	—	30	35	35	54
	Breaker Size	A	—	10	10	10	16
Ext. Piping	Diameter (Gas/Liquid)	mm	9.52 / 6.35	9.52 / 6.35	9.52 / 6.35	9.52 / 6.35	12.7 / 6.35
	Max. Length/Height	m	—	20 / 12	20 / 12	20 / 12	30 / 15
Guaranteed Operating Range		Cooling	°C	—	—	—	—
[Outdoor]		Heating	°C	—	—	—	—

* SHI = Super High
Note: -The energy-saving potential of inverter air conditioners is not reflected in the star rating, as the current energy star rating scheme does not cover the determination of seasonal or part load efficiencies.
-MSZ-EF22VA is for MXZ connection only. (The indicated capacity is rated capacity if one unit is connected to MXZ.)
-MSZ-EF50 meets MEPS criteria at partial load.


Signature series is also compatible with Multi Split units.

Specifications (Multi Split)


Type			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		Up to 8 Indoor Units					
Model Name *1			MXZ-2C52VA		MXZ-3C54VA		MXZ-4C71VA		MXZ-4C80VA		MXZ-5C100VA		MXZ-6C120VA		MXZ-8B140VA		MXZ-8B160VA	
Power Supply [V, Phase, Hz, Source]			230, Single, 50, Outdoor power supply															
Cooling	Capacity	Rated	kW	5.2	5.4	7.1	8.0	10.0	12.0	14.0	15.5							
		Min. - Max.	kW	1.1 - 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	1.358	1.256	1.768	2.071	2.910	3.740	3.79	4.64							
	EER [Indoor+Outdoor]			3.83	4.30	4.02	3.86	3.44	3.21	3.52	3.21							
	Running Current [Indoor+Outdoor]		A	6.09	5.52	7.76	9.10	12.78	16.4	16.6	20.4							
	Sound Pressure Level [Outdoor]		dB(A)	45 - 49	45 - 47	45 - 48	44 - 46	46 - 51	51 - 55	47 - 50	48 - 51							
	Air Volume [Outdoor]		ℓ/s	548	702	702	702	943	923	1,670	1,770							
Heating	Capacity	Rated	kW	6.4	7.0	8.6	9.4	12.0	14.0	16.0	18.0							
		Min. - Max.	kW	1.0 - 7.0	2.6 - 9.0	3.4 - 10.7	3.4 - 11.6	4.1 - 14.0	3.5 - 16.5									
	Power Input [Indoor+Outdoor]		kW	1.656	1.534	1.797	2.022	2.950	3.610	3.90	4.80							
	COP *2 [Indoor+Outdoor]			3.86	4.56	4.79	4.65	4.07	3.88	3.91	3.61							
	Running Current *2 [Indoor+Outdoor]		A	7.42	6.74	7.89	8.88	12.96	15.9	17.1	21.1							
	Sound Pressure Level [Outdoor]		dB(A)	48 - 50	48 - 51	48 - 52	46 - 48	47 - 54	53 - 57	52	54							
	Air Volume [Outdoor]		ℓ/s	555	717	717	730	988	1,165	1,670	1,770							
Number of Connectable Indoor Units		Min. - Max.	1 - 2 1 - 3 1 - 4 1 - 4 1 - 5 2 - 6 2 - 8 2 - 8															
Outdoor	Breaker Size		A	15	25	25	25	25	32	40	40							
	Dimensions	Height	mm	550	710	710	900	900	1,070	1,350	1,350							
		Width	mm	800	840	840	900	900	900	950	950							
		Depth	mm	285	330	330	320	320	320	330	330							
	Weight	kg	38	57	58	67	68	88	129	129								
Ext. Piping	Diameter	Liquid (ø)	mm	6.35 x 2	6.35 x 3	6.35 x 4	6.35 x 4	6.35 x 5	6.35 x 6	9.52 x 1	9.52 x 1							
		Gas (ø)	mm	9.52 x 2	9.52 x 3	9.52 x 3 + 12.7 x 1	9.52 x 3 + 12.7 x 1	9.52 x 4 + 12.7 x 1	9.52 x 5 + 12.7 x 1	15.88 x 1	15.88 x 1							
	Max. Length	Total - Each	m	30 - 20	50 - 25	60 - 25	70 - 25	80 - 25	80 - 25	115 - 70	115 - 70							
	Max. Height *2	m	15 / 10	15 / 10	15 / 10	15 / 10	15 / 10	15 / 10	15 / 10	30 / 20	30 / 20							
Refrigerant Chargeless Piping Length			m	20	40	40	40	40	60	40								
Guaranteed Operating Range [Outdoor unit]			Cooling	°C	-10 - +46	-10 - +46	-10 - +46	-10 - +46	-10 - +46	-10 - +46	-5 - +46	-5 - +46						
			Heating	°C	-15 - +24	-15 - +24	-15 - +24	-15 - +24	-15 - +24	-15 - +24	-15 - +21	-15 - +21						

*1 Model name shows rated cooling capacity when max. number of indoor units are connected. (Rating Conditions) Cooling: Indoor 27°C, D.B./19°C, W.B. Heating: Indoor 20°C, D.B.
MXZ-5C100VA: Rated at 10kW when 5 indoor units are connected. Outdoor 35°C, D.B./24°C, W.B. Outdoor 7°C, D.B./6°C, W.B.


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



Certificate Number
49385



Certificate Number
EC97J1132



Mitsubishi Electric Shizuoka Works acquired ISO9001 certification under Series 9000 of the International Standard Organization (ISO) based on a review of Quality warranties for the production of air conditioning equipment. The plant also acquired environmental management system standard ISO 14001 certification.

MITSUBISHI ELECTRIC CORPORATION

HEAD OFFICE : TOKYO BLDG., 2-7-3, MARUNOUCHI, CHIYODA-KU, TOKYO 100-8310, JAPAN

Diamond Dealer Call Centre 1300 722 228

MITSUBISHI ELECTRIC AUSTRALIA PTY.LTD. (Incorporated in New South Wales) ABN 58 001 215 792

http://www.mitsubishielectric.com.au/

New South Wales:

348 Victoria Road, Rydalmere NSW 2116
Ph: (02) 9684 7555 Fax: (02) 9898 1043

Newcastle:

271 Brunker Road, Adamstown NSW 2289
Ph: (02) 4978 7813 Fax: (02) 4978 7899

Canberra:

1st Floor, 12 Albany Street, Fyshwick ACT 2609
Ph: (02) 6162 6303 Fax: (02) 6162 6300

Victoria/Tasmania:

Suite 2, 10-16 Compark Circuit
Mulgrave VIC 3170
Ph: (03) 9535 7800 Fax: (03) 9535 7801

North QLD - Townsville:

Level 1, 112 Denham Street, Townsville QLD 4810
Ph: (07) 4728 5223 Fax: (07) 4771 3310

Queensland/Northern Territory:

Building 101, 2A Boronia Road
Brisbane Airport QLD 4008
Ph: (07) 3623 2000 Fax: (07) 3860 6761

South Australia:

Suite 1, 224 Glen Osmond Road, Fullarton SA 5063
Ph: (08) 8338 1001 Fax: (08) 8338 0501

Western Australia:

Unit 5, 329 Collier Road, Bassendean WA 6054
Ph: (08) 9377 3400 Fax: (08) 9377 3499