

# Product Specifications



MSZ-EF Series (Wall Mounted)				MSZ-EF25VG(W/B/S)	MSZ-EF35VG(W/B/S)	MSZ-EF42VG(W/B/S)	MSZ-EF50VG(W/B/S)	
Indoor Unit				MUZ-EF25VG	MUZ-EF35VG	MUZ-EF42VG	MUZ-EF50VG	
Outdoor Unit				MUZ-EF25VG	MUZ-EF35VG	MUZ-EF42VG	MUZ-EF50VG	
Refrigerant				R32				
Cooling	Capacity [Rated] <sup>*1,4</sup>	kW		2.50	3.50	4.20	5.00	
	Capacity [Min-Max]	kW		0.90 - 3.40	1.10 - 4.00	0.90 - 4.60	1.40 - 5.40	
	Total Input [Rated] <sup>*1,4</sup>	kW		0.54	0.91	1.20	1.55	
	Total Input [Min-Max]	kW		0.23 - 1.15	0.21 - 1.50	0.15 - 1.93	0.30 - 1.98	
	EER			4.63	3.85	3.50	3.23	
	AEER			4.60	3.83	3.49	3.22	
	ZERL Star Rating <sup>*2</sup>		Hot		4.5	3.5	3.0	
			Average		4.0	3.5	3.0	
			Cold		4.0	3.5	3.0	
	Running Current [Rated] <sup>*3,4</sup>		A	3.00	4.20	5.40	6.90	
Sound Pressure Level	In [Quiet-Lo-Mid-Hi-SHi]	dB(A)		19 - 42	21 - 42	28 - 43	30 - 43	
	Out [PWL]	dB(A)		47 (58)	49 (62)	50 (62)	52 (65)	
Air Volume (In) [Quiet-SHi]		L/S		67 - 175	67 - 175	97 - 187	97 - 188	
Heating	Capacity [Rated] <sup>*1,5</sup>	kW		3.20	4.00	5.40	5.80	
	Capacity [Min-Max]	kW		1.00 - 4.20	1.30 - 5.10	1.30 - 6.30	1.40 - 7.50	
	Total Input [Rated] <sup>*1,5</sup>	kW		0.70	0.95	1.45	1.56	
	Total Input [Min-Max]	kW		0.23 - 1.17	0.21 - 1.33	0.26 - 2.05	0.30 - 2.64	
	COP			4.57	4.21	3.71	3.72	
	ACOP			4.55	4.20	3.70	3.71	
	ZERL Star Rating <sup>*2</sup>		Hot		3.0			
			Average		2.5			
			Cold		2.5	2.0	2.0	2.0
	Running Current [Rated] <sup>*3,5</sup>		3, 5A	3.50	4.40	6.50	7.10	
Sound Pressure Level	In [Quiet-SHi]	dB(A)		21 - 45	21 - 46	28 - 48	30 - 49	
	Out [PWL]	dB(A)		48 (61)	50 (63)	51 (64)	52 (65)	
Air Volume (In) [Quiet-SHi]		L/S		67 - 198	67 - 212	92 - 220	107 - 243	
Indoor Unit	Input [Rated] (Cooling/Heating)	W		20/26	20/30	23/33	23/43	
	Dimensions [HxWxD]	mm		299 × 885 × 195				
	Weight	kg		11.5				
Outdoor Unit	Dimensions [HxWxD]	mm		550 × 800 × 285			714 × 800 × 285	
	Weight	kg		31.0	34.0	35.0	40.0	
	Breaker Size	A		10			12	
Piping	Diameter [Liquid/Gas]	mm		ø6.35/ø9.52				
	Max. Length/Height	m		20/12			30/15	
Guaranteed Operating Range [Outdoor]	Cooling	°C		-10 ~ 46				
	Heating	°C		-15 ~ 24				
Refrigerant Amount [Pre-Charged]		kg		0.62	0.74			

## Notes:

- \*1 Nominal conditions cooling: EAT 27°CDB/19°CWB, Ambient 35°CDB. Rated conditions cooling: EAT 24°CDB/17°CWB, Ambient 35°CDB. Nominal conditions heating: EAT 20°CDB/15°CWB, Ambient 7°CDB/6°CWB.
- \*2 Zoned Energy Rating Label - residential air conditioning star rating based on GEMS 2019 Determination.
- \*3 Rated Load Amps (RLA) is based on nominal conditions. Use Maximum Circuit Amps (MCA) for power supply infrastructure sizing, etc.

Test conditions are based on AS/NZS3823.1.1.

## Rating Conditions:

- \*4 Cooling: Indoor 27°C, D.B./19°C, W.B. Outdoor 35°C, D.B./24°C, W.B.
- \*5 Heating: Indoor 20°C, D.B./15°C, W.B. Outdoor 7°C, D.B./6°C, W.B.



MUZ-EF25/35/42



MUZ-EF50