

# MSZ-L SERIES



## Indoor Unit / Remote Controller



<Pearl White>



MSZ-LN25/35/50/60VG

<Ruby Red>



MSZ-LN25/35/50/60VGR

<Natural White>



MSZ-LN25/35/50/60VGW

<Onyx Black>



MSZ-LN25/35/50/60VGB

## Outdoor Unit



MUZ-LN25/35VG



MUZ-LN50VG



MUZ-LN60VG



Type	Inverter Heat Pump						
Indoor Unit	MSZ-LN25VG (W) (V) (R) (E)	MSZ-LN35VG (W) (V) (R) (E)	MSZ-LN50VG (W) (V) (R) (E)	MSZ-LN60VG (W) (V) (R) (E)			
Outdoor Unit	MUZ-LN25VG	MUZ-LN35VG	MUZ-LN50VG	MUZ-LN60VG			
Refrigerant	R32 <sup>(*)</sup>						
Power Supply	Outdoor Power Supply						
Source	230 / Single / 50						
Outdoor (V / Phase / Hz)	230 / Single / 50						
Cooling	Design load	kW	2,5	3,5	5,0	6,1	
	Annual electricity consumption <sup>(**)</sup>	kWh/a	83	128	205	285	
	SEER <sup>(**)</sup>		10,5	9,5	8,5	7,5	
	Capacity	Rated	kW	2,5	3,5	5,0	6,1
		Min-Max	kW	1,0 - 3,5	0,8 - 4,0	1,0 - 6,0	1,4 - 6,9
Total Input	Rated	kW	0,485	0,820	1,380	1,790	
Heating (Average Season) <sup>(**)</sup>	Design load	kW	3,0(-10°C)	3,8(-10°C)	4,5(-10°C)	6,0(-10°C)	
	Declared Capacity	at reference design temperature	kW	3,0(-10°C)	3,8(-10°C)	4,5(-10°C)	6,0(-10°C)
		at bivalent temperature	kW	3,0(-10°C)	3,6(-10°C)	4,5(-10°C)	6,0(-10°C)
		at operation limit temperature	kW	2,5(-15°C)	3,2(-15°C)	4,2(-15°C)	6,0(-15°C)
	Back up heating capacity	kW	0,0(-10°C)	0,0(-10°C)	0,0(-10°C)	0,0(-10°C)	
	Annual electricity consumption <sup>(**)</sup>	kWh/a	794	974	1369	1826	
	SCOP <sup>(**)</sup>		5,2	5,1	4,6	4,6	
	Capacity	Rated	kW	3,2	4,0	6,0	6,8
		Min-Max	kW	0,8 - 5,4	1,0 - 6,3	1,0 - 8,2	1,8 - 9,3
	Total Input	Rated	kW	0,580	0,800	1,480	1,810
Operating Current (Max)	Input	A	7,1	9,9	13,9	15,2	
	Rated	kW	0,029	0,029	0,034	0,040	
Indoor Unit	Operating Current(Max)	A	0,3	0,3	0,4	0,4	
	Dimensions	H*W*D	mm	307-890-233	307-890-233	307-890-233	
	Weight	kg	15,5	15,5	15,5	15,5	
	Air Volume (SLo-Lo-Mid-Hi-SHi <sup>(**)</sup> (Dry/Wet))	Cooling	m <sup>3</sup> /min	4,3 - 5,8 - 7,1 - 8,8 - 11,9	4,3 - 5,8 - 7,1 - 8,8 - 12,8	5,7 - 7,6 - 8,8 - 10,6 - 13,9	7,1 - 8,8 - 10,6 - 12,7 - 15,7
		Heating	m <sup>3</sup> /min	4,0 - 5,7 - 7,1 - 8,5 - 14,4	4,3 - 5,7 - 7,1 - 8,5 - 13,7	5,4 - 6,4 - 8,5 - 10,7 - 15,7	6,6 - 9,5 - 11,5 - 13,6 - 15,7
	Sound Level (SPL) (SLo-Lo-Mid-Hi-SHi <sup>(**)</sup> )	Cooling	dB(A)	19 - 23 - 29 - 36 - 42	19 - 24 - 29 - 36 - 43	27 - 31 - 35 - 39 - 46	29 - 37 - 41 - 45 - 49
		Heating	dB(A)	19 - 24 - 29 - 36 - 45	19 - 24 - 29 - 36 - 45	25 - 29 - 34 - 39 - 47	29 - 37 - 41 - 45 - 49
	Sound Level (PWL)	Cooling	dB(A)	58	58	60	65
		Heating	dB(A)	58	58	60	65
	Dimensions	H*W*D	mm	550-800-285	550-800-285	714-800-285	880-840-330
Weight	kg	35	35	40	55		
Outdoor Unit	Air Volume	Cooling	m <sup>3</sup> /min	31,4	31,4	40,0	50,1
		Heating	m <sup>3</sup> /min	26,6	29,8	40,5	51,3
	Sound Level (SPL)	Cooling	dB(A)	46	49	51	55
		Heating	dB(A)	49	50	54	55
	Sound Level (PWL)	Cooling	dB(A)	60	61	64	65
		Heating	dB(A)	60	61	64	65
Operating Current (Max)	A	6,8	9,6	13,5	14,8		
Breaker Size	A	10	10	16	16		
Ext. Piping	Diameter	Liquid/Gas	mm	6,35/9,52	6,35/9,52	6,35/9,52	6,35/12,7
	Max.Length	Out-In	m	20	20	20	30
	Max.Height	Out-In	m	12	12	12	15
Guaranteed Operating Range (Outdoor)	Cooling	°C	-10 ~ +46	-10 ~ +46	-10 ~ +46	-10 ~ +46	
	Heating	°C	-15 ~ +24	-15 ~ +24	-15 ~ +24	-15 ~ +24	

(\*) Refrigerant leakage contributes to climate change. Refrigerant with lower global warming potential (GWP) would contribute less to global warming than a refrigerant with higher GWP. This appliance contains a refrigerant fluid with a GWP equal to 550. This means that if 1 kg of this refrigerant fluid would be leaked to the atmosphere, the impact on global warming would be 550 times higher than 1 kg of CO<sub>2</sub> over a period of 100 years. Never try to interfere with the refrigerant circuit yourself or disassemble the product yourself and always ask a professional.

The GWP of R32 is 675 in the IPCC 4th Assessment Report.

(\*\*) Energy consumption based on standard test results. Actual energy consumption will depend on how the appliance is used and where it is located.

(\*) SEER, SCOP and other related description are based on COMMISSION DELEGATED REGULATION (EU) No.626/2011. The temperature conditions for calculating SCOP are based on "Average Season".

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