

MSZ-LN SERIES



Indoor Unit / Remote Controller



<Pearl White>



MSZ-LN18/25/35/50/60VG3V

<Ruby Red>



MSZ-LN18/25/35/50/60VG3R

<Natural White>



MSZ-LN18/25/35/50/60VG3W

<Onyx Black>



MSZ-LN18/25/35/50/60VG3B

Outdoor Unit



MUZ-LN25/35VG3



MUZ-LN50VG3



MUZ-LN60VG3



Type						
Indoor Unit		MSZ-LN18VG3	MSZ-LN25VG3	MSZ-LN35VG3	MSZ-LN50VG3	MSZ-LN60VG3
Outdoor Unit		for MXZ connection	MUZ-LN25VG3	MUZ-LN35VG3	MUZ-LN50VG3	MUZ-LN60VG3
Refrigerant		Single: R32 ⁽¹⁾ / Multi: R410A or R32 ⁽²⁾				
Power Supply	Source	Outdoor Power Supply				
	Outdoor (V / Phase / Hz)	230 / Single / 50				
Cooling	Design load	kW	2.5	3.5	5.0	6.1
	Annual electricity consumption ⁽³⁾	kWh/a	83	129	205	285
	SEER ⁽⁴⁾		10.5	9.5	8.5	7.5
	Energy efficiency class			A+++		A++
	Capacity					
	Rated	kW	2.5	3.5	5.0	6.1
	Mn-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
Heating (Average Season) ⁽⁵⁾	Design load	kW	3.0 (-10°C)	3.6 (-10°C)	4.5 (-10°C)	6.0 (-10°C)
	Declared Capacity					
	at reference design temperature	kW	3.0 (-10°C)	3.6 (-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)	
	Annual electricity consumption ⁽³⁾	kWh/a	807	988	1365	1816
	SCOP ⁽⁴⁾		5.2	5.1		4.6
	Energy efficiency class			A+++		A++
	Capacity					
	Rated	kW	3.2	4.0	6.0	6.8
	Mn-Max	kW	0.7 - 5.4	0.9 - 6.3	1.0 - 8.2	1.8 - 9.3
	Total Input	Rated	kW	0.600	0.820	1.810
Operating Current (Max)	Input	kW	7.1	9.9	12.6	15.2
	Rated	kW	0.027		0.034	0.040
	Operating Current(Max)	A	0.3			0.4
	Dimensions	H*W*D	307-890-233			
	Weight	kg	14 (W) 15 (V, R, B)			
Indoor Unit	Air Volume (SL-Lo-Mid-Hi-SH) ⁽⁶⁾	Cooling	m ³ /min	4.7 - 5.9 - 7.1 - 9.2 - 12.4	4.7 - 5.6 - 6.8 - 8.5 - 13.0	5.7 - 7.6 - 8.9 - 10.6 - 13.9
		Heating	m ³ /min	4.5 - 6.6 - 7.5 - 11.0 - 13.9		5.4 - 6.4 - 8.6 - 12.1 - 15.7
	Sound Level (SPL)	Cooling	dB(A)	19 - 23 - 29 - 36 - 42	19 - 24 - 29 - 36 - 43	27 - 31 - 35 - 39 - 46
		Heating	dB(A)	19 - 24 - 29 - 36 - 45	19 - 24 - 29 - 36 - 45	29 - 37 - 41 - 45 - 49
	Sound Level (PWL)	Cooling	dB(A)	58	59	60
		Heating	dB(A)			65
	Dimensions	H*W*D	mm	550-800-285		714-800-285
	Weight	kg		32	34	40
	Air Volume	Cooling	m ³ /min		31.2	40.5
		Heating	m ³ /min			48.8
Outdoor Unit	Sound Level (SPL)	Cooling	dB(A)	28.1	29.6	40.5
		Heating	dB(A)	46	49	51
	Sound Level (PWL)	Cooling	dB(A)	49	50	54
		Heating	dB(A)	60	61	64
	Operating Current (Max)	A		6.8	9.6	12.2
	Breaker Size	A		10		16
	Diameter	Liquid/Gas	mm		6.35/9.52	6.35/12.7
	Max.Length	Out-In	m		20	30
	Max.Height	Out-In	m		12	15
	Guaranteed Operating Range (Outdoor)	Cooling	°C		-10 ~ +46	
		Heating	°C		-15 ~ +24	

(1) 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, if leaked to the atmosphere. This appliance contains a refrigerant fluid with a GWP equal to 675. This means that if 1 kg of this refrigerant fluid would be leaked to the atmosphere, the impact on global warming would be 675 times higher than 1 kg of CO₂ 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.

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

(3) SH: Super High

(4) 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".

(5) Please see page 57-58 for heating (warmer season) specifications.