

# MSZ-LN VGHZ SERIES



## Indoor Unit / Remote Controller



<Pearl White>



MSZ-LN25/35/50VG2V

<Ruby Red>



MSZ-LN25/35/50VG2R

<Natural White>



MSZ-LN25/35/50VG2W

<Onyx Black>



MSZ-LN25/35/50VG2B

## Outdoor Unit



MUZ-LN25/35VGHZ2



MUZ-LN50VGHZ



Type				Inverter Heat Pump		
Indoor Unit		MSZ-LN25VG(W)(V)(R)(B)		MSZ-LN35VG(W)(V)(R)(B)		
Outdoor Unit		MUZ-LN25VGHZ		MUZ-LN35VGHZ		
Refrigerant		R32 <sup>(*)1</sup>				
Power Supply		Source		Outdoor Power supply		
		Outdoor (V/Phase/Hz)		230/Single/50		
Cooling	Design Load	kW	2.5	3.5	5.0	
	Annual Electricity Consumption <sup>(*)2</sup>	kWh/a	83	130	230	
	SEER <sup>(*)4</sup>		10.5	9.4	7.6	
	Capacity	Energy Efficiency Class		A+++	A+++	A++
		Rated	kW	2.5	3.5	5.0
	Total Input	Min - Max	kW	0.8 - 3.5	0.8 - 4.0	1.4 - 5.8
		Rated	kW	0.485	0.820	1.380
Heating (Average Season) <sup>(*)5</sup>	Design Load	kW	3.2 (-10°C)	4.0 (-10°C)	6.0 (-10°C)	
	Declared Capacity	at reference design temperature	kW	3.2 (-10°C)	4.0 (-10°C)	6.0 (-10°C)
		at bivalent temperature	kW	3.2 (-10°C)	4.0 (-10°C)	6.0 (-10°C)
		at operation limit temperature	kW	2.3 (-25°C)	3.1 (-25°C)	4.7 (-25°C)
		Back Up Heating Capacity	kW	0.0 (-10°C)	0.0 (-10°C)	0.0 (-10°C)
	Annual Electricity Consumption <sup>(*)2</sup>	kWh/a	861	1098	1826	
	SCOP <sup>(*)4</sup>		5.2	5.1	4.6	
	Capacity	Energy Efficiency Class		A+++	A+++	A++
		Rated	kW	3.2	4.0	6.0
		Min - Max	kW	0.8 - 6.3	0.9 - 6.6	1.8 - 8.7
Total Input	Rated	kW	0.600	0.820	1.480	
Operating Current (max)		A	9.9	10.5	15.2	
Indoor Unit	Input	Rated	kW	0.027	0.027	
	Operating Current (max)	A	0.3	0.3	0.4	
	Dimensions	H x W x D	mm	307 - 890 - 233	307 - 890 - 233	
	Weight	kg	15.5	15.5	15.5	
	Air Volume (SLo-Lo-Mid-Hi-SHi <sup>(*)3</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	
		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	
	Sound Level (SPL) (SLo-Lo-Mid-Hi-SHi <sup>(*)3</sup> )	Cooling	dB(A)	19 - 23 - 29 - 36 - 42	19 - 24 - 29 - 36 - 43	
		Heating	dB(A)	19 - 24 - 29 - 36 - 45	19 - 24 - 29 - 36 - 45	
	Sound Level (PWL)	dB(A)	58	58	60	
	Outdoor Unit	Dimensions	H x W x D	mm	550 - 800 - 285	880 - 840 - 330
Weight		kg	35	36	55	
Air Volume		Cooling	m <sup>3</sup> /min	31.4	33.8	
		Heating	m <sup>3</sup> /min	27.4	27.4	
Sound Level (SPL)		Cooling	dB(A)	46	49	
		Heating	dB(A)	49	50	
Sound Level (PWL)	Cooling	dB(A)	60	61		
Operating Current (max)	A	9.6	10.2	14.8		
Breaker Size	A	10	12	16		
Ext. Piping	Diameter	Liquid / Gas	mm	6.35/9.52	6.35/9.52	
	Max. Length	Out-In	m	20	30	
	Max. Height	Out-In	m	12	15	
Guaranteed Operating Range (Outdoor)	Cooling	°C	-10 ~ +46	-10 ~ +46		
	Heating	°C	-25 ~ +24	-25 ~ +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 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.

(\*)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 SHi: 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 51-52 for heating (warmer season/colder season) specifications.