

MSZ-L SERIES



Indoor Unit / Remote Controller

R32

R410A



GOOD DESIGN AWARD 2016
BEST 100

Outdoor Unit

R32

<Pearl White>



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

<Ruby Red>



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

<Natural White>



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

<Onyx Black>



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



MUZ-LN25/35VG



MUZ-LN50VG



MUZ-LN60VG



Type			Inverter Heat Pump					
Indoor Unit			MSZ-LN18VG (W) (V) (R) (E)	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			for MXZ connection	MUZ-LN25VG	MUZ-LN35VG	MUZ-LN50VG	MUZ-LN60VG	
Refrigerant			Single: R32 ⁽¹⁾ / Multi: R410A or R32 ⁽¹⁾					
Power Source			Outdoor Power Supply					
Supply	Outdoor (V / Phase / Hz)		230 / Single / 50					
Cooling	Design load	kW	–	2.5	3.5	5.0	6.1	
	Annual electricity consumption ⁽²⁾	kWh/a	–	83	128	205	285	
	SEER ⁽⁴⁾	–	–	10.5	9.5	8.5	7.5	
	Capacity	Energy efficiency class		–	A+++	A+++	A+++	A++
		Rated	kW	–	2.5	3.5	5.0	6.1
	Total Input	Rated	kW	–	1.0 - 3.5	0.8 - 4.0	1.0 - 6.0	1.4 - 6.9
Rated		kW	–	0.485	0.820	1.380	1.790	
Heating (Average Season) ⁽³⁾	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)
	Back up heating capacity	at operation limit temperature	kW	–	2.5(-15°C)	3.2(-15°C)	4.2(-15°C)	6.0(-15°C)
		Rated	kW	–	0.0(-10°C)	0.0(-10°C)	0.0(-10°C)	0.0(-10°C)
	Annual electricity consumption ⁽²⁾	kWh/a	–	794	974	1369	1826	
SCOP ⁽⁴⁾	–	–	–	5.2	5.1	4.6	4.6	
Operating Current (Max)	Energy efficiency class		–	A+++	A+++	A++	A++	
	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	
	Rated	kW	–	0.580	0.800	1.480	1.810	
Indoor Unit	Operating Current (Max)		–	7.1	9.9	13.9	15.2	
	Input	Rated	kW	0.029	0.029	0.034	0.040	
	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	307-890-233
	Weight		kg	–	15.5	15.5	15.5	15.5
	Air Volume (SLo-Lo-Mid-Hi-SHi ⁽⁵⁾ (Dry/Wet))	Cooling	m ³ /min	4.3 - 5.8 - 7.1 - 8.8 - 11.9	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 ³ /min	4.0 - 5.7 - 7.1 - 8.5 - 14.4	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 ⁽⁵⁾)	Cooling	dB(A)	19 - 23 - 29 - 36 - 42	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	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
Outdoor Unit	Weight		kg	–	35	40	55	
	Air Volume	Cooling	m ³ /min	–	31.4	31.4	40.0	50.1
		Heating	m ³ /min	–	26.6	31.4	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	6.35/12.7	
	Max.Length	Out-In	m	–	20	20	30	
	Max.Height	Out-In	m	–	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	

(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 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) SHi: Super High

(4) SEER, SCOP and other related descriptors 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 63 for heating (warmer season) specifications.