

MSZ-H SERIES



Indoor Unit



MSZ-HJ25/35/50VA



MSZ-HJ60/71VA

Outdoor Unit



MUZ-HJ25/35VA



MUZ-HJ50VA



MUZ-HJ60/71VA

Remote Controller



Type	Inverter Heat Pump							
Indoor Unit	MSZ-HJ25VA		MSZ-HJ35VA	MSZ-HJ50VA	MSZ-HJ60VA	MSZ-HJ71VA		
Outdoor Unit	MUZ-HJ25VA		MUZ-HJ35VA	MUZ-HJ50VA	MUZ-HJ60VA	MUZ-HJ71VA		
Refrigerant	R410A ⁽¹⁾							
Power Source	Indoor Power supply							
Supply	Outdoor (V / Phase / Hz)							
	Design load	kW	2.5	3.1	5.0	6.1	7.1	
Cooling	Annual electricity consumption ⁽²⁾	kWh/a	171	212	292	354	441	
	SEER ⁽⁴⁾		5.1	5.1	6.0	6.0	5.6	
	Energy efficiency class		A		A+		A+	
	Capacity	kW	2.5	3.15	5.0	6.1	7.1	
	Min-Max	kW	1.3 - 3.0	1.4 - 3.5	1.3 - 5.0	1.7 - 7.1	1.8 - 7.1	
	Total Input	Rated	kW	0.730	1.040	2.050	1.900	2.330
Heating (Average Season) ⁽³⁾	Design load	kW	1.9 (-10°C)	2.4 (-10°C)	3.8 (-10°C)	4.6 (-10°C)	5.4 (-10°C)	
	Declared Capacity	at reference design temperature	kW	1.9 (-10°C)	2.4 (-10°C)	3.8 (-10°C)	4.6 (-10°C)	5.4 (-10°C)
		at bivalent temperature	kW	1.9 (-10°C)	2.4 (-10°C)	3.8 (-10°C)	4.6 (-10°C)	5.4 (-10°C)
		at operation limit temperature	kW	1.9 (-10°C)	2.4 (-10°C)	3.8 (-10°C)	4.6 (-10°C)	5.4 (-10°C)
	Back up heating capacity	kW	0.0 (-10°C)	0.0 (-10°C)	0.0 (-10°C)	0.0 (-10°C)	0.0 (-10°C)	
	Annual electricity consumption ⁽²⁾	kWh/a	698	885	1267	1544	1854	
	SCOP ⁽⁴⁾		3.8	3.8	4.2	4.1	4.0	
	Energy efficiency class		A		A+		A+	
	Capacity	Rated	kW	3.15	3.6	5.4	6.8	8.1
		Min-Max	kW	0.9 - 3.5	1.1 - 4.1	1.4 - 6.5	1.5 - 8.4	1.5 - 8.5
	Total Input	Rated	kW	0.970	0.995	1.480	1.970	2.440
Operating Current (Max)	Input	Rated	A	5.8	6.5	9.8	12.5	12.5
	Operating Current(Max)	A	0.020	0.021	0.037	0.055	0.055	
Indoor Unit	Dimensions	H*W*D	mm	290-799-232	290-799-232	290-799-232	305-923-250	305-923-250
	Weight	kg	9	9	9	13	13	
	Air Volume (SLo-Lo-Mid-Hi-SHi ⁽⁵⁾ (Dry/Wet))	Cooling	m ³ /min	3.8 - 5.5 - 7.3 - 9.5	3.8 - 5.7 - 7.8 - 10.9	6.3 - 9.1 - 11.1 - 12.9	9.3 - 12.2 - 15.0 - 19.9	10.0 - 12.2 - 15.0 - 19.9
		Heating	m ³ /min	3.5 - 5.5 - 7.5 - 10.0	3.5 - 5.5 - 7.5 - 10.3	6.1 - 8.3 - 11.1 - 14.3	9.4 - 12.5 - 16.0 - 19.9	10.3 - 12.7 - 16.4 - 19.9
	Sound Level (SPL) (SLo-Lo-Mid-Hi-SHi ⁽⁵⁾)	Cooling	dB(A)	22 - 30 - 37 - 43	22 - 31 - 38 - 45	28 - 36 - 40 - 45	31 - 38 - 44 - 50	33 - 38 - 44 - 50
		Heating	dB(A)	23 - 30 - 37 - 43	23 - 30 - 37 - 44	27 - 34 - 41 - 47	31 - 38 - 44 - 49	33 - 38 - 44 - 49
	Sound Level (PWL)	Cooling	dB(A)	57	60	65	65	65
		Heating	dB(A)	57	60	65	65	65
	Dimensions	H*W*D	mm	538-699-249	538-699-249	550-800-285	880-840-330	880-840-330
	Weight	kg	24	25	36	55	55	
Outdoor Unit	Air Volume	Cooling	m ³ /min	31.5	31.5	36.3	47.9	49.3
		Heating	m ³ /min	31.5	31.5	34.8	47.9	47.9
	Sound Level (SPL)	Cooling	dB(A)	50	50	55	55	55
		Heating	dB(A)	50	50	51	55	55
	Sound Level (PWL)	Cooling	dB(A)	63	64	64	65	66
		Heating	dB(A)	63	64	64	65	66
Operating Current (Max)	A	5.5	6.2	9.4	12	12		
Breaker Size	A	10	10	12	16	16		
Ext. Piping	Diameter	Liquid/Gas	mm	6.35/9.52	6.35/9.52	6.35/12.7	6.35/15.88	9.52/15.88
	Max.Length	Out-In	m	20	20	20	30	30
	Max.Height	Out-In	m	12	12	12	15	15
Guaranteed Operating Range (Outdoor)	Cooling	°C	+15 ~ +46	+15 ~ +46	+15 ~ +46	+15 ~ +46	+15 ~ +46	
	Heating	°C	-10 ~ +24	-10 ~ +24	-10 ~ +24	-10 ~ +24	-10 ~ +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 1975. This means that if 1 kg of this refrigerant fluid would be leaked to the atmosphere, the impact on global warming would be 1975 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.

⁽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 47 for heating (warmer season) specifications.