

MSZ-H SERIES



Indoor Unit

R410A



MSZ-HJ25/35/50VA



MSZ-HJ60/71VA

Outdoor Unit

R410A



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)							
Cooling	Design load	kW	2.5	3.1	5.0	6.1	7.1	
	Annual electricity consumption ⁽²⁾	kWh/a	171	212	292	354	441	
	SEER ⁽⁴⁾		5.1	5.1	6.0	6.0	5.6	
	Capacity	Energy efficiency class		A	A	A+	A+	A+
		Rated	kW	2.5	3.15	5.0	6.1	7.1
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		
Capacity	Energy efficiency class		A	A	A+	A+	A+	
	Rated	kW	3.15	3.6	5.4	6.8	8.1	
Total Input	Min-Max	kW	0.9 - 3.5	1.1 - 4.1	1.4 - 6.5	1.5 - 8.4	1.5 - 8.5	
	Rated	kW	0.870	0.995	1.480	1.970	2.440	
Operating Current (Max)	Input	A	5.8	6.5	9.8	12.5	12.5	
	Rated	kW	0.020	0.024	0.037	0.055	0.055	
Indoor Unit	Operating Current(Max)	A	0.3	0.3	0.4	0.5	0.5	
	Dimensions	H*W*D	mm	290-799-232	290-799-232	290-799-232	305-923-250	305-923-250
Outdoor Unit	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
Sound Level (SPL)	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	60	65	65	
	Heating	dB(A)	57	60	60	65	65	
Operating Current (Max)	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	
Breaker Size	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	
Ext. Piping	Sound Level (SPL)	Cooling	dB(A)	50	50	50	55	55
	Heating	dB(A)	50	50	51	55	55	
Guaranteed Operating Range (Outdoor)	Cooling	dB(A)	63	64	64	65	66	
	Heating	dB(A)	63	64	64	65	66	
Diameter	Operating Current (Max)	A	5.5	6.2	9.4	12.0	12.0	
	Breaker Size	A	10	10	12	16	16	
Max.Length	Diameter	Liquid/Gas	mm	6.35/9.52	6.35/9.52	6.35/12.7	6.35/15.88	9.52/15.88
	Out-In	m	20	20	20	30	30	
Max.Height	Out-In	m	12	12	12	15	15	
	Cooling	°C	+15 ~ +46	+15 ~ +46	+15 ~ +46	+15 ~ +46	+15 ~ +46	
Range (Outdoor)	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.

The GWP of R410A is 2088 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 63 for heating (warmer season) specifications.