

# MSZ-H SERIES



## Indoor Unit



MSZ-HJ25/35/50VA

## Outdoor Unit



MUZ-HJ25/35VA



MUZ-HJ50VA

## Remote Controller



Type	Indoor Unit			Outdoor Unit			Remote Controller		
Type	MSZ-HJ25VA			MSZ-HJ35VA			MSZ-HJ50VA		
Indoor Unit	MSZ-HJ25VA			MSZ-HJ35VA			MSZ-HJ50VA		
Outdoor Unit	MUZ-HJ25VA			MUZ-HJ35VA			MUZ-HJ50VA		
Refrigerant	R410A <sup>(1)</sup>			R410A <sup>(1)</sup>			R410A <sup>(1)</sup>		
Power Source	Indoor Power supply			Indoor Power supply			Indoor Power supply		
Supply	230V/Single/50Hz			230V/Single/50Hz			230V/Single/50Hz		
Cooling	Design load	kW	2.5	3.1	5.0	3.1	5.0	5.0	
	Annual electricity consumption <sup>(2)</sup>	kWh/a	171	212	292	171	212	292	
	SEER <sup>(4)</sup>		5.1	5.1	6.0	5.1	5.1	6.0	
	Energy efficiency class		A	A	A+	A	A	A+	
	Capacity	Rated	kW	2.5	3.15	5.0	2.5	3.15	5.0
Heating	Design load	kW	1.9(-10°C)	2.4(-10°C)	3.8(-10°C)	1.9(-10°C)	2.4(-10°C)	3.8(-10°C)	
	Declared Capacity	at reference design temperature	kW	1.9(-10°C)	2.4(-10°C)	3.8(-10°C)	1.9(-10°C)	2.4(-10°C)	
	at bivalent temperature	kW	1.9(-10°C)	2.4(-10°C)	3.8(-10°C)	1.9(-10°C)	2.4(-10°C)		
	at operation limit temperature	kW	1.9(-10°C)	2.4(-10°C)	3.8(-10°C)	1.9(-10°C)	2.4(-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)		
Average Season <sup>(3)</sup>	Annual electricity consumption <sup>(2)</sup>	kWh/a	698	885	1267	698	885	1267	
	SCOP <sup>(4)</sup>		3.8	3.8	4.2	3.8	3.8	4.2	
	Energy efficiency class		A	A	A+	A	A	A+	
	Capacity	Rated	kW	3.15	3.6	5.4	3.15	3.6	5.4
	Total Input	Rated	kW	0.9 - 3.5	1.1 - 4.1	1.4 - 6.5	0.9 - 3.5	1.1 - 4.1	1.4 - 6.5
Indoor Unit	Operating Current (Max)	A	5.8	6.5	9.8	5.8	6.5	9.8	
	Input	Rated	kW	0.020	0.021	0.037	0.020	0.021	0.037
	Operating Current(Max)	A	0.3	0.3	0.4	0.3	0.3	0.4	
	Dimensions	H*W*D	mm	290-799-232	290-799-232	290-799-232	290-799-232	290-799-232	290-799-232
	Weight	kg		9	9	9	9	9	9
Outdoor Unit	Air Volume (SLo-Lo-Mid-Hi-SHi <sup>(5)</sup> ) (Dry/Wet)	m <sup>3</sup> /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	3.8 - 5.5 - 7.3 - 9.5	3.8 - 5.7 - 7.8 - 10.9	6.3 - 9.1 - 11.1 - 12.9	
	Sound Level (SPL) (SLo-Lo-Mid-Hi-SHi <sup>(5)</sup> )	dB(A)	22 - 30 - 37 - 43	22 - 31 - 38 - 45	28 - 36 - 40 - 45	22 - 30 - 37 - 43	22 - 31 - 38 - 45	28 - 36 - 40 - 45	
	Sound Level (PWL)	dB(A)	57	60	64	57	60	64	
	Dimensions	H*W*D	mm	538-699-249	538-699-249	550-800-285	538-699-249	538-699-249	550-800-285
	Weight	kg		24	25	36	24	25	36
Ext. Piping	Air Volume	Cooling	m <sup>3</sup> /min	31.5	31.5	36.3	31.5	31.5	36.3
	Heating	m <sup>3</sup> /min	31.5	31.5	34.8	31.5	31.5	34.8	
	Sound Level (SPL)	Cooling	dB(A)	50	50	51	50	50	51
	Heating	dB(A)	50	50	51	50	50	51	
	Sound Level (PWL)	Cooling	dB(A)	63	64	64	63	64	64
Guaranteed Operating Range (Outdoor)	Operating Current (Max)	A	5.5	6.2	9.4	5.5	6.2	9.4	
	Breaker Size	A	10	10	12	10	10	12	
	Diameter	Liquid/Gas	mm	6.35/9.52	6.35/9.52	6.35/12.7	6.35/9.52	6.35/9.52	6.35/12.7
	Max.Length	Out-In	m	20	20	20	20	20	20
	Max.Height	Out-In	m	12	12	12	12	12	12
Guaranteed Operating Range (Outdoor)	Cooling	°C	+15 ~ +46	+15 ~ +46	+15 ~ +46	+15 ~ +46	+15 ~ +46	+15 ~ +46	
	Heating	°C	-10 ~ +24	-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. 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 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.

(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.