

MSZ-H SERIES

Compact, high-performance indoor and outdoor units and advanced inverter technologies provide superior energy savings and comfort in all rooms.

MSZ-HJ25/35/50VA

MSZ-HJ60/71VA

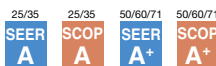


Stylish Design with Flat Panel Front

A stylish flat panel design is employed for the front of the indoor unit. The simple look matches room aesthetics.



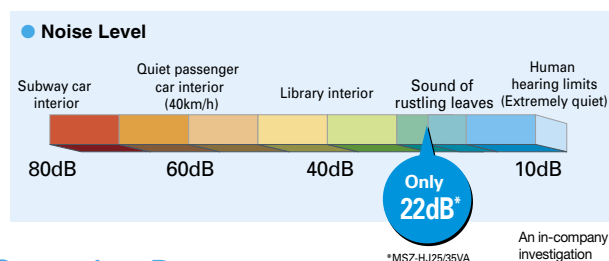
Advanced Inverter Control – Efficient Operation All the Time



Mitsubishi Electric's cutting-edge inverter technologies are adopted to provide automatic adjustment of operation load according to need. This reduces excessive consumption of electricity, and thereby realises an Energy Rank "A" rating for 25/35 classes and "A+" for 50/60/71 classes.

Silent Operation

Quiet, relaxing space is within reach. Operational noise is a low 22dB (25/35 classes). Operation is so silent you might even forget the air conditioner is on.



Long Piping Length

Compared to previous models, the piping length is significantly increased, further enhancing the ease and flexibility of installation.

	MSZ-HJ60/71	MSZ-HJ25/35/50	MSZ-HC
Max piping length	30m	20m	10m
Max piping height difference	15m	12m	5m

Operating Range

As a result of an extended operating range in cooling, these models accommodate a wider range of usage environments and applications than previous models.

Operating Range (Cooling)

MUZ-HC	+18°C	+43°C
MUZ-HJ	+15°C	+46°C

Compact Units

The widths of both indoor and outdoor units are compact, making installation in smaller, tighter spaces possible.

Indoor Unit: MSZ-HJ25/35/50VA



Only 799mm width

Outdoor Unit: MUZ-HJ25/35VA



Only 699mm width

Compared to other models, width is down by 16%.



MSZ-H SERIES



50/60/71



50/60/71 50/60/71



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 Supply		Indoor Power supply 230V/Single/50Hz				
Cooling	Source	Outdoor (V / Phase / Hz)				
	Design load	kW	2.5	3.1	5.0	6.1
	Annual electricity consumption ⁽²⁾	kWh/a	171	212	292	354
	SEER ⁽⁴⁾		5.1	5.1	6.0	6.0
	Energy efficiency class		A	A	A+	A+
	Capacity					
Heating (Average Season) ⁽³⁾	Rated	kW	2.5	3.15	5.0	6.1
	Min-Max	kW	1.3 - 3.0	1.4 - 3.5	1.3 - 5.0	1.7 - 7.1
	Total Input	Rated	kW	0.730	1.040	1.900
	Design load	kW	1.9 (-10°C)	2.4 (-10°C)	3.8 (-10°C)	4.6 (-10°C)
	Declared Capacity	at reference design temperature	kW	1.9 (-10°C)	2.4 (-10°C)	3.8 (-10°C)
		at bivalent temperature	kW	1.9 (-10°C)	2.4 (-10°C)	3.8 (-10°C)
		at operation limit temperature	kW	1.9 (-10°C)	2.4 (-10°C)	3.8 (-10°C)
	Back up heating capacity	kW	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
	SCOP ⁽⁴⁾		3.8	3.8	4.2	4.1
	Energy efficiency class		A	A	A+	A+
	Capacity					
Indoor Unit	Rated	kW	3.15	3.6	5.4	6.8
	Min-Max	kW	0.9 - 3.5	1.1 - 4.1	1.4 - 6.5	1.5 - 8.4
	Total Input	Rated	kW	0.870	0.995	1.480
	Operating Current (Max)	A	5.8	6.5	9.8	12.5
	Input	Rated	kW	0.020	0.021	0.037
	Operating Current(Max)	A	0.3	0.3	0.4	0.5
	Dimensions	H*W*D	mm	290-799-232	290-799-232	290-799-232
	Weight	kg	9	9	9	13
	Air Volume (SLo-Lo-Mid-Hi-SH ⁽⁵⁾ Dry/Wet)	Cooling	m³/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
		Heating	m³/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
	Sound Level (SPL)	Cooling	dB(A)	22 - 30 - 37 - 43	22 - 31 - 38 - 45	28 - 36 - 40 - 45
		Heating	dB(A)	23 - 30 - 37 - 43	23 - 30 - 37 - 44	27 - 34 - 41 - 47
Outdoor Unit	Sound Level (PWL)	Cooling	dB(A)	57	60	60
		Heating	dB(A)	57	60	60
	Dimensions	H*W*D	mm	538-699-249	538-699-249	550-800-285
	Weight	kg	24	25	36	55
	Air Volume	Cooling	m³/min	31.5	31.5	36.3
		Heating	m³/min	31.5	31.5	34.8
	Sound Level (SPL)	Cooling	dB(A)	50	50	50
		Heating	dB(A)	50	50	51
	Sound Level (PWL)	Cooling	dB(A)	63	64	64
		Heating	dB(A)	63	64	65
	Operating Current (Max)	A	5.5	6.2	9.4	12
	Breaker Size	A	10	10	12	16
Ext. Piping	Diameter	Liquid/Gas	mm	6.35/9.52	6.35/12.7	6.35/15.88
	Max.Length	Out-In	m	20	20	30
	Max.Height	Out-In	m	12	12	15
	Guaranteed Operating Range (Outdoor)	Cooling	°C	+15 ~ +46	+15 ~ +46	+15 ~ +46
		Heating	°C	-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⁾ SH: 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.