

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.



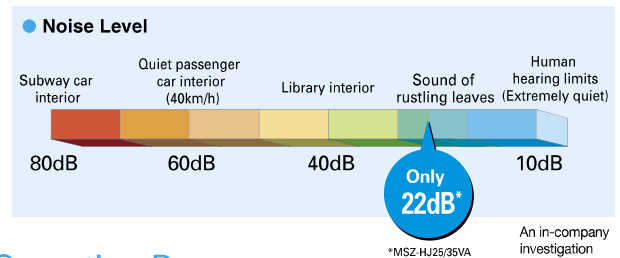
Advanced Inverter Control – Efficient Operation All the Time



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.



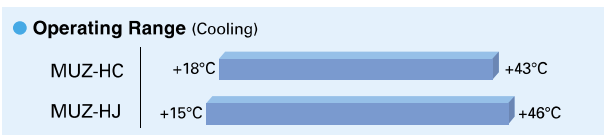
Long Piping Length

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.



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



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+	A+	A+		
	Capacity								
	Rated	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) ⁽⁵⁾	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+	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	0.870	0.995	1.490	1.970	2.440	
Operating Current (Max)	Input	Rated	kW	0.020	0.021	0.037	0.055	0.055	
	Operating Current(Max)	A	0.3	0.3	0.4	0.5	0.5		
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-SH ⁽³⁾ (Dn/Wel))	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-SH ⁽³⁾)	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	64	65	65	
	Outdoor Unit	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
		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	50	55	55	
		Heating	dB(A)	50	50	51	55	55	
Sound Level (PWL)		Cooling	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	15	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.

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.