

R410A

MSZ-HJ25/35/50/VA

MSZ-HJ60/71VA

MSZ-H SERIES

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



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.



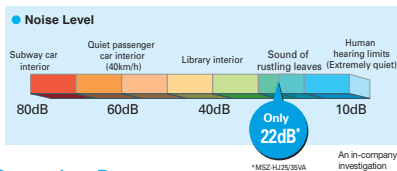
Advanced Inverter Control – Efficient Operation All the Time



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.



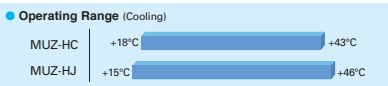
Long Piping Length

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/VA



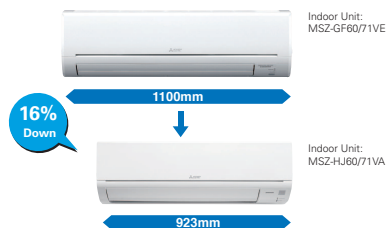
Only 799mm width

Outdoor Unit: MUZ-HJ25/35VA



Only 699mm width

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



MSZ-H SERIES



Indoor Unit R410A



Outdoor Unit R410A



Remote Controller



Type	Inverter Heat Pump								
Indoor Unit	MSZ-HJ25VA	MSZ-HJ55VA	MSZ-HJ50VA	MSZ-HJ60VA	MSZ-HJ71VA				
Outdoor Unit	MUZ-HJ25VA	MUZ-HJ55VA	MUZ-HJ50VA	MUZ-HJ60VA	MUZ-HJ71VA				
Refrigerant	R410A ⁽¹⁾								
Power Supply	Indoor Power supply								
Source	Outdoor (V / Phase / Hz)								
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 ⁽³⁾		5.1	6.0	6.0	6.0	5.8			
Cooling	Energy efficiency class								
	Rated	kW	2.5	3.15	5.0	6.1	7.1		
	Capacity	kW	1.3 - 3.0	1.4 - 3.5	1.3 - 5.0	1.7 - 7.1	1.8 - 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		
Design load	kW	1.9 (10°C)	2.4 (10°C)	3.8 (10°C)	4.6 (10°C)	5.4 (10°C)			
	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 ambient 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)		
Heating (Average Season)	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	588	885	1257	1544	1854		
	SCOP ⁽⁴⁾		3.8	3.8	4.2	4.1	4.0		
	Energy efficiency class			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	0.970	0.950	1.480	1.970	2.440		
Operating Current (Max)	Input		kW	5.8	6.5	9.8	12.5	12.5	
	Operating Current (Max)	A	0.020	0.024	0.037	0.055	0.055		
	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		
Indoor Unit	Air Volume (SxLxM)		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	
	SxLxM (Dy)Wg		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 (SP)		dB(A)	22 - 30 - 37 - 43	22 - 31 - 38 - 45	28 - 36 - 46 - 48	31 - 38 - 44 - 50	33 - 38 - 44 - 50	
	SxLxM (SxLxM)		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)		dB(A)	57	60	60	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	38	55	55	
	Air Volume		m ³ /min	31.5	31.5	35.3	47.9	49.8	
	Heating		m ³ /min	31.5	31.5	34.8	47.9	47.9	
	Sound Level (SP)		dB(A)	50	50	50	55	55	
Outdoor Unit	Sound Level (PWL)		dB(A)	50	50	51	55	55	
	Cooling		dB(A)	63	64	64	66	66	
	Operating Current (Max)		A	5.5	6.2	9.4	12.0	12.0	
	Breaker Size		A	10	10	16	16	16	
	Diameter		Liquid/Gas	mm	6.35/9.52	6.35/12.7	6.35/15.88	9.52/15.88	
	Max. Length		Out-in	m	20	20	30	30	
Ext. Piping	Max. Height		m	12	12	15	15		
	Guaranteed Operating Range (Outdoor)		°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 1 kg of the 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 recharge with refrigerant fluid yourself or disassemble the product yourself and always ask a professional.

(2) The GWP of R410A is 2088 in the IPCC 4th Assessment Report.

(3) Energy consumption based on standard test results. Actual energy consumption will depend on how the appliance is used and where it is located.

(4) SEER, SCOP and other related descriptions 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 (winter season) specifications.