

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

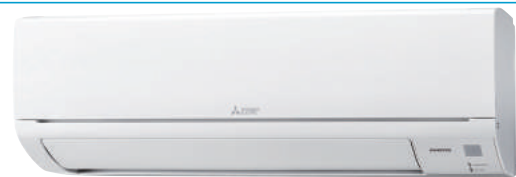


MSZ-HJ60/71VA



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.



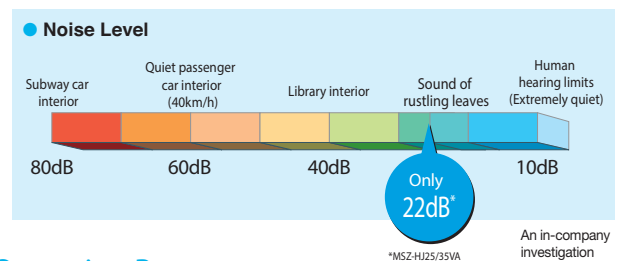
Advanced Inverter Control – Efficient Operation All the Time



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.



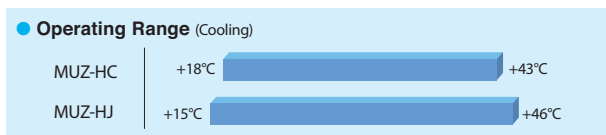
Long Piping Length

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



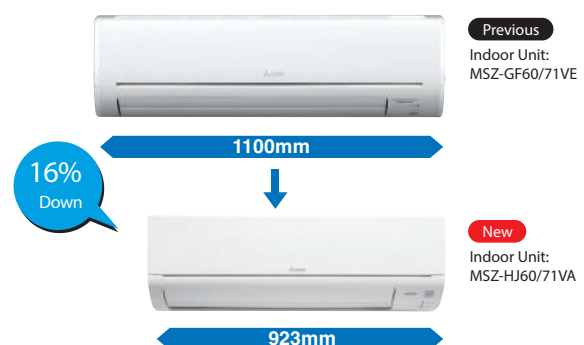
Only 799mm width

Outdoor Unit: MUZ-HJ25/35VA



Only 699mm width

Compared to previous 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	230V/Single/50Hz												
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	
Total Input	Rated	kW	1.3 - 3.0		1.4 - 3.5		1.3 - 5.0		1.7 - 7.1		1.8 - 7.1		
	Rated	kW	0.730		1.040		2.050		1.900		2.330		
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	Rated	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)	Rated	A	5.8		6.5		9.8		12.5		12.5		
	Input	kW	0.020		0.021		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		mm 290-799-232		mm 290-799-232		mm 305-923-250		mm 305-923-250		
	Weight	kg	9		9		9		13		13		
	Air Volume (SLo-Lo-Mid-Hi-SH ⁽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	
		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 ⁽⁵⁾)	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	
		Heating	dB(A)	57		60		64		65		65	
	Outdoor Unit	Dimensions	H*W*D	mm 538-699-249		mm 538-699-249		mm 550-800-285		mm 880-840-330		mm 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		55		55		55	
		Heating	dB(A)	50		50		51		55		55	
Sound Level (PWL)		Cooling	dB(A)	63		64		64		65		66	
		Heating	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		mm 6.35/9.52		mm 6.35/12.7		mm 6.35/15.88		mm 9.52/15.88		
	Max.Length	Out-In	m 20		m 20		m 20		m 30		m 30		
	Max.Height	Out-In	m 12		m 12		m 12		m 15		m 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.

(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 47 for heating (warmer season) specifications.