

MSZ-H SERIES

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

R410A

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



25/35
SEER
A

25/35
SCOP
A

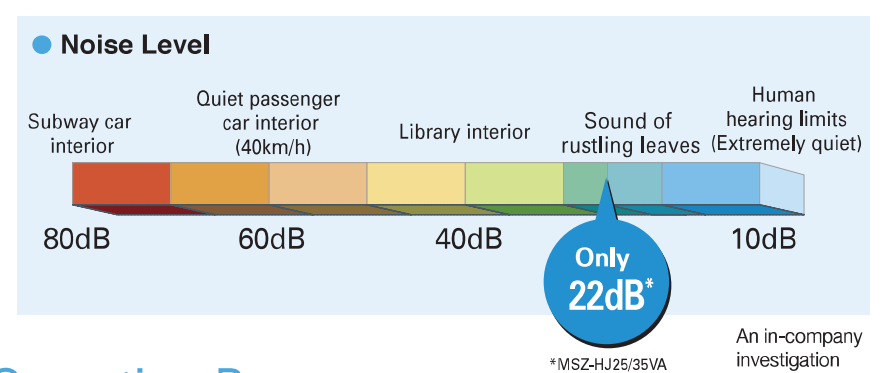
50/60/71
SEER
A+

50/60/71
SCOP
A+

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.



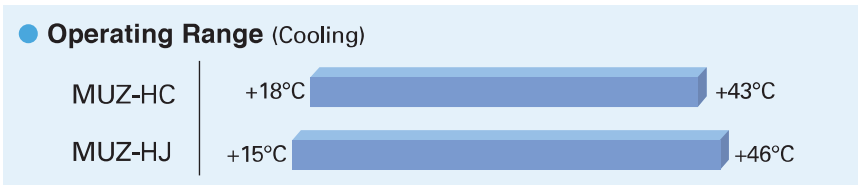
Long Piping Length

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

Outdoor Unit: MUZ-HJ25/35VA

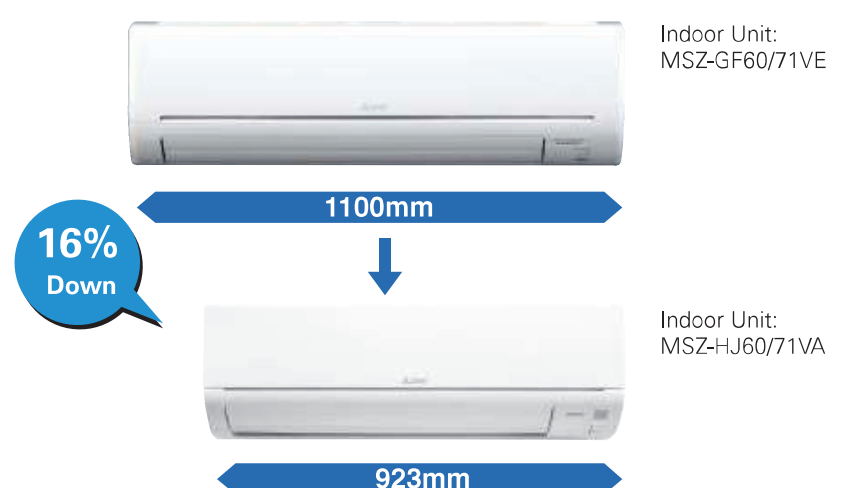


Only 799mm width



Only 699mm width

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



MSZ-H SERIES

EUROVENT

CERTIFIED

PERFORMANCE

From 8 to 14 kW nominal capacity
R410A refrigerant
www.eurovent-certification.com

DC Inverter

Joint Lap

DC Fan Motor

PAM

Grooved Piping

50/60/71

50/60/71

SEER

A+

50/60/71

SCOP

A+

Indoor Unit

R410A

MSZ-HJ25/35/50VA

MSZ-HJ60/71VA

Outdoor Unit

R410A

MUZ-HJ25/35VA

MUZ-HJ50VA

MUZ-HJ60/71VA

Remote Controller

Econo Cool

Pure White

AUTO VANE

Silver-ion

SWING

AUTO

Auto Restart

Cleaning-free pipe reuse

Flare connection

Self Diagnosis

Failure Recall

MXZ connection

25 / 35 / 50
MXZ-DM only

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 ^(*)				
Power Supply	Source			Indoor Power supply				
	Outdoor (V / Phase / Hz)			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
		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	1,480	1,970	2,440
Operating Current (Max)			A	5,8	6,5	9,8	12,5	12,5
Indoor Unit	Input	Rated	kW	0,020	0,024	0,037	0,055	0,055
	Operating Current(Max)		A	0,3	0,3	0,4	0,5	0,5
	Dimensions		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} (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	9,3 - 12,2 - 15,0 - 19,9	10,0 - 12,2 - 15,0 - 19,9
		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	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	60	65
Outdoor Unit	Dimensions		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	m³/min	31,5	31,5	36,3	47,9	49,3
		Heating	m³/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	65	66
	Operating Current (Max)		A	5,5	6,2	9,4	12,0	12,0
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	12	15	15
Guaranteed Operating Range (Outdoor)			Cooling	°C	+15 ~ +46	+15 ~ +46	+15 ~ +46	+15 ~ +46
			Heating	°C	-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.