

MSZ-S SERIES MSZ-G SERIES



Indoor Unit

R410A



MSZ-SF25/35/42/50VE3



MSZ-GF60/71VE2

Outdoor Unit

R410A



MUZ-SF25/35/42VE(H)



MUZ-SF50VE(H)
MUZ-GF60/71VE

Remote Controller



Type	Inverter Heat Pump									
Indoor Unit	MSZ-SF42VE3	MSZ-SF42VE3	MSZ-SF50VE3	MSZ-SF50VE3	MSZ-GF60VE2	MSZ-GF71VE2				
Outdoor Unit	MUZ-SF42VE	MUZ-SF42VEH	MUZ-SF50VE	MUZ-SF50VEH	MUZ-GF60VE	MUZ-GF71VE				
Refrigerant	R410A ⁽¹⁾									
Power Source	Outdoor Power supply									
Supply	230/Single/50									
Cooling	Design load	kW		4.2	4.2	5.0	5.0	6.1	7.1	
	Annual electricity consumption ⁽²⁾	kWh/a		196	196	246	246	311	364	
	SEER ⁽³⁾			7.5	7.5	7.2	7.2	6.8	6.8	
	Energy efficiency class			A++	A++	A++	A++	A++	A++	
		Rated	kW		4.2	4.2	5.0	5.0	6.1	7.1
	Capacity	Min-Max	kW		0.8-4.5	0.8-4.5	1.4-5.4	1.4-5.4	1.4-7.5	2.0-8.7
Total Input	Rated	kW		1.340	1.340	1.660	1.660	1.790	2.130	
Heating (Average Season) ⁽⁴⁾	Design load	kW		3.8 (-10°C)	3.8 (-10°C)	4.2 (-10°C)	4.2 (-10°C)	4.6 (-10°C)	6.7 (-10°C)	
	Declared Capacity	at reference design temperature	kW		3.8 (-10°C)	3.8 (-10°C)	4.2 (-10°C)	4.2 (-10°C)	4.6 (-10°C)	6.7 (-10°C)
		at bivalent temperature	kW		3.8 (-10°C)	3.8 (-10°C)	4.2 (-10°C)	4.2 (-10°C)	4.6 (-10°C)	6.7 (-10°C)
		at operation limit temperature	kW		3.4 (-15°C)	3.2 (-20°C)	3.4 (-15°C)	2.3 (-20°C)	3.7 (-15°C)	5.4 (-15°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)	0.0 (-10°C)	
	Annual electricity consumption ⁽²⁾	kWh/a		1215	1242	1351	1380	1489	2204	
SCOP ⁽⁴⁾			4.4	4.3	4.4	4.3	4.3	4.2		
	Energy efficiency class			A+	A+	A+	A+	A+	A+	
Capacity	Rated	kW		5.4	5.4	5.8	5.8	6.8	8.1	
	Min-Max	kW		1.3-6.0	1.3-6.0	1.4-7.3	1.4-7.3	2.0-9.3	2.2-9.9	
Total Input	Rated	kW		1.580	1.580	1.700	1.700	1.810	2.230	
Operating Current (Max)	Input	Rated	A		9.5	9.5	12.3	12.3	14.5	16.6
	Operating Current(Max)	A		0.3	0.3	0.3	0.3	0.5	0.5	
Dimensions	H*W*D	mm		299-798-195	299-798-195	299-798-195	299-798-195	325-1100-238	325-1100-238	
	Weight	kg		10	10	10	10	16	16	
Indoor Unit	Air Volume (SLo-Lo-Mid-Hi-SH ⁽⁵⁾) (Dry/Wet)	Cooling	m ³ /min		4.7 - 5.8 - 6.7 - 7.9 - 9.1	4.7 - 5.8 - 6.7 - 7.9 - 9.1	5.1 - 6.2 - 7.0 - 8.2 - 9.9	5.1 - 6.2 - 7.0 - 8.2 - 9.9	9.8-11.3-13.4-15.6-18.3	9.7-11.5-13.3-15.4-17.8
		Heating	m ³ /min		4.7 - 5.8 - 7.2 - 9.1 - 11.4	4.7 - 5.8 - 7.2 - 9.1 - 11.4	5.1 - 6.4 - 8.0 - 9.8 - 12.0	5.1 - 6.4 - 8.0 - 9.8 - 12.0	9.8-11.3-13.4-15.6-18.3	10.2-11.5-13.3-15.4-17.8
	Sound Level (SPL) (SLo-Lo-Mid-Hi-SH ⁽⁵⁾)	Cooling	dB(A)		26 ⁽⁶⁾ - 31 - 34 - 38 - 42	26 ⁽⁶⁾ - 31 - 34 - 38 - 42	28 ⁽⁷⁾ - 33 - 36 - 40 - 45	28 ⁽⁷⁾ - 33 - 36 - 40 - 45	29 - 37 - 41 - 45 - 49	30 - 37 - 41 - 45 - 49
		Heating	dB(A)		26 ⁽⁶⁾ - 31 - 36 - 42 - 47	26 ⁽⁶⁾ - 31 - 36 - 42 - 47	28 ⁽⁷⁾ - 33 - 38 - 43 - 49	28 ⁽⁷⁾ - 33 - 38 - 43 - 49	29 - 37 - 41 - 45 - 49	30 - 37 - 41 - 45 - 49
	Sound Level (PWL)	Cooling	dB(A)		57	57	58	58	65	65
	Dimensions	H*W*D	mm		550-800-285	550-800-285	880-840-330	880-840-330	880-840-330	880-840-330
Outdoor Unit	Air Volume	Cooling	m ³ /min		35.2	35.2	44.6	44.6	49.2	50.1
		Heating	m ³ /min		33.6	33.6	44.6	44.6	49.2	48.2
	Sound Level (SPL)	Cooling	dB(A)		50	50	52	52	55	55
		Heating	dB(A)		51	51	52	52	55	55
	Sound Level (PWL)	Cooling	dB(A)		63	63	65	65	65	65
	Operating Current (Max)	A		9.2	9.2	12	12	14	16.1	
Breaker Size	A		10	10	16	16	20	20		
Ext. Piping	Diameter	Liquid/Gas	mm		6.35 / 9.52	6.35 / 9.52	6.35 / 12.7	6.35 / 12.7	6.35/15.88	9.52/15.88
	Max.Length	Out-In	m		20	20	30	30	30	
	Max.Height	Out-In	m		12	12	15	15	15	
Guaranteed Operating Range (Outdoor)	Cooling	°C		-10 ~ +46	-10 ~ +46	-10 ~ +46	-10 ~ +46	-10 ~ +46	-10 ~ +46	
	Heating	°C		-15 ~ +24	-20 ~ +24	-15 ~ +24	-20 ~ +24	-15 ~ +24	-15 ~ +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.

⁽⁶⁾ For single use: only 26dB(A). For multi use (MX2): 28dB(A).

⁽⁷⁾ For single use: only 28dB(A). For multi use (MX2): 30dB(A).