

MSZ-S SERIES MSZ-G SERIES



Indoor Unit



MSZ-SF25/35/42/50VE



MSZ-GF60/71VE

Outdoor Unit



MUZ-SF25/35/42VE(H)



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

Remote Controller



Type	Inverter Heat Pump								
Indoor Unit	MSZ-SF42VE	MSZ-SF42VE	MSZ-SF50VE	MSZ-SF50VE	MSZ-GF60VE	MSZ-GF71VE			
Outdoor Unit	MUZ-SF42VE	MUZ-SF42VEH	MUZ-SF50VE	MUZ-SF50VEH	MUZ-GF60VE	MUZ-GF71VE			
Refrigerant	R410A ^(*)								
Power Supply	Outdoor Power supply 230/Single/50								
Cooling	Design load	kW	4.2	4.2	5	5	6.1	7.1	
	Annual electricity consumption ^(**)	kWh/a	196	196	246	246	311	364	
	SEER ^(*)		7.5	7.5	7.2	7.2	6.8	6.8	
	Capacity	Energy efficiency class		A++	A++	A++	A++	A++	A++
		Rated	kW	4.2	4.2	5	5	6.1	7.1
Total Input	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	
	Rated	kW	1.340	1.340	1.660	1.660	1.790	2.130	
Heating (Average Season) ^(*)	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)	2.2(-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 ^(**)	kWh/a	1215	1242	1351	1380	1489	2204		
SCOP ^(*)	Energy efficiency class		A+	A+	A+	A+	A+	A+	
	Rated	kW	5.4	5.4	5.8	5.8	6.8	8.1	
Total Input	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	
	Rated	kW	1.580	1.58	1.7	1.7	1.81	2.23	
Operating Current (Max)	Input	A	9.5	9.5	12.3	12.3	14.5	16.6	
	Rated	kW	0.027	0.027	0.035	0.035	0.062	0.058	
Indoor Unit	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	
	Air Volume (SLo-Lo-Mid-Hi-SH ^(*) (Dry/Wet))	Cooling	m ³ /min	5.0 - 5.8 - 6.7 - 7.9 - 9.1	5.0 - 5.8 - 6.7 - 7.9 - 9.1	5.6 - 6.2 - 7.0 - 8.2 - 9.9	5.6 - 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	5.0 - 5.8 - 7.2 - 9.1 - 11.4	5.0 - 5.8 - 7.2 - 9.1 - 11.4	5.6 - 6.4 - 8.0 - 9.8 - 12.0	5.6 - 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 ^(*))	Cooling	dB(A)	28 - 31 - 34 - 38 - 42	28 - 31 - 34 - 38 - 42	30 - 33 - 36 - 40 - 45	30 - 33 - 36 - 40 - 45	29 - 37 - 41 - 45 - 49	30 - 37 - 41 - 45 - 49	
	Heating	dB(A)	28 - 31 - 36 - 42 - 47	28 - 31 - 36 - 42 - 47	30 - 33 - 38 - 43 - 49	30 - 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	
	Weight	kg	35	35	55	55	50	53	
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		
	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
Ext. Piping	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	

(*) 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.

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

(*) SH: Super High

(*) 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".

(*) Please see page 47 for heating (warmer season) specifications.