

MSZ-E SERIES



Indoor Unit



MSZ-EF18/22/25/35/42/50VE3W White



MSZ-EF18/22/25/35/42/50VE3S Silver



MSZ-EF18/22/25/35/42/50VE3B* Black



Outdoor Unit



MUZ-EF25/35VE(H),42VE



MUZ-EF50VE

Remote Controller



*Soft-dry Cloth is enclosed with Black models.



Type			Inverter Heat Pump								
Indoor Unit			MSZ-EF18VE3	MSZ-EF22VE3	MSZ-EF25VE3	MSZ-EF25VE3	MSZ-EF35VE3	MSZ-EF42VE3	MSZ-EF50VE3		
Outdoor Unit			for MXZ connection		MUZ-EF25VE	MUZ-EF25VEH	MUZ-EF35VE	MUZ-EF35VEH	MUZ-EF42VE	MUZ-EF50VE	
Refrigerant			R410A ⁽¹⁾								
Power Source			Outdoor Power supply								
Supply	Outdoor (V / Phase / Hz)		230/Single/50								
Cooling	Design load	kW	-	-	2.5	2.5	3.5	3.5	4.2	5.0	
	Annual electricity consumption ⁽²⁾	kWh/a	-	-	103	103	144	144	192	244	
	SEER ⁽⁴⁾		-	-	8.5	8.5	8.5	8.5	7.7	7.2	
	Capacity	Energy efficiency class		-	-	A+++	A+++	A+++	A+++	A++	A++
		Rated	kW	-	-	2.5	2.5	3.5	3.5	4.2	5.0
Heating	Design load	kW	-	-	2.4(-10°C)	2.4(-10°C)	2.9(-10°C)	2.9(-10°C)	3.8(-10°C)	4.2(-10°C)	
	Declared Capacity	at reference design temperature	kW	-	-	2.4(-10°C)	2.4(-10°C)	2.9(-10°C)	2.9(-10°C)	3.8(-10°C)	4.2(-10°C)
		at operation limit temperature	kW	-	-	2.0(-15°C)	1.6(-20°C)	2.4(-15°C)	1.7(-20°C)	3.4(-15°C)	3.5(-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	-	-	716	730	882	910	1155	1309	
Operating Current (Max)	SEER ⁽⁴⁾		-	-	4.7	4.6	4.6	4.5	4.6	4.5	
	Capacity	Energy efficiency class		-	-	A++	A++	A+	A+	A+	
		Rated	kW	-	-	3.2	3.2	4.0	4.0	5.4	5.8
	Total Input	kW	-	-	1.1-4.2	1.1-4.2	1.8-5.5	1.8-5.5	1.4-6.3	1.6-7.5	
	Operating Current (Max)	A	-	-	7.3	7.3	8.5	8.5	9.5	12.4	
Indoor Unit	Input	Rated	kW	0.027	0.027	0.027	0.027	0.031	0.031	0.031	0.034
		Operating Current(Max)	A	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.4
	Dimensions	H*W*D	mm	299-885-195	299-885-195	299-885-195	299-885-195	299-885-195	299-885-195	299-885-195	
	Weight	kg	-	-	11.5	11.5	11.5	11.5	11.5	11.5	
	Air Volume (SLo-Lo-Mid-Hi-SH ⁽³⁾ Dry/Wet)	Cooling	m ³ /min	4.0-4.6-6.3-8.3-10.5	4.0-4.6-6.3-8.3-10.5	4.0-4.6-6.3-8.3-10.5	4.0-4.6-6.3-8.3-10.5	4.0-4.6-6.3-8.3-10.5	4.0-4.6-6.3-8.3-10.5	5.8-6.6-7.7-8.9-10.3	5.8-6.8-7.9-9.3-11.0
		Heating	m ³ /min	4.0-4.6-6.2-8.9-11.9	4.0-4.6-6.2-8.9-11.9	4.0-4.6-6.2-8.9-11.9	4.0-4.6-6.2-8.9-11.9	4.0-4.6-6.2-8.9-12.7	4.0-4.6-6.2-8.9-12.7	5.5-6.3-7.8-9.9-12.7	6.4-7.3-9.0-11.1-13.2
	Sound Level (SPL)	Cooling	dB(A)	21-23-29-36-42	21-23-29-36-42	21-23-29-36-42	21-23-29-36-42	21-24-29-36-42	21-24-29-36-42	28-31-35-39-42	30-33-36-40-43
		Heating	dB(A)	21-24-29-37-45	21-24-29-37-45	21-24-29-37-45	21-24-29-37-45	21-24-30-38-46	21-24-30-38-46	28-30-35-41-48	30-33-37-43-49
	Sound Level (PWL)	Cooling	dB(A)	60	60	60	60	60	60	60	60
		Heating	dB(A)	60	60	60	60	60	60	60	60
Dimensions	H*W*D	mm	-	-	550-800-285	550-800-285	550-800-285	550-800-285	550-800-285	880-840-330	
Outdoor Unit	Weight	kg	-	-	30	30	35	35	35	54	
		Operating Current (Max)	A	-	-	7.0	7.0	8.2	8.2	9.2	12.0
	Air Volume	Cooling	m ³ /min	-	-	32.6	32.6	33.6	33.6	35.2	44.6
		Heating	m ³ /min	-	-	32.2	32.2	33.6	33.6	33.6	44.6
	Sound Level (SPL)	Cooling	dB(A)	-	-	47	47	49	49	50	52
		Heating	dB(A)	-	-	48	48	50	50	51	52
	Sound Level (PWL)	Cooling	dB(A)	-	-	58	58	61	61	62	65
Heating		dB(A)	-	-	58	58	61	61	61	65	
Ext. Piping	Diameter	Liquid/Gas	mm	-	-	6.35 / 9.52	6.35 / 9.52	6.35 / 9.52	6.35 / 9.52	6.35 / 9.52	6.35 / 12.7
		Max.Length	Out-In	m	-	-	20	20	20	20	30
	Max.Height	Out-In	m	-	-	12	12	12	12	12	15
		Guaranteed Operating Range (Outdoor)	Cooling	°C	-	-	-10 ~ +46	-10 ~ +46	-10 ~ +46	-10 ~ +46	-10 ~ +46
Guaranteed Operating Range (Outdoor)	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 (winter season) specifications.