

MSZ-E SERIES



Indoor Unit



MSZ-EF18/22/25/35/42/50VE2W White



MSZ-EF18/22/25/35/42/50VE2S Silver



MSZ-EF18/22/25/35/42/50VE2B* 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-EF18VE2	MSZ-EF22VE2	MSZ-EF25VE2	MSZ-EF25VE2	MSZ-EF35VE2	MSZ-EF35VE2	MSZ-EF42VE2	MSZ-EF50VE2			
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	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	7.7	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)	Input	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	
	Indoor Unit	Air Volume (SLo-Lo-Mid-Hi-SH ⁽³⁾ Dn/Wel)	Cooling	m ³ /min	40-46-63-83-105	40-46-63-83-105	40-46-63-83-105	40-46-63-83-105	40-46-63-83-105	58-66-77-89-103	58-68-79-93-110
Heating			m ³ /min	40-46-62-89-119	40-46-62-89-119	40-46-62-89-119	40-46-62-89-119	40-46-62-89-127	40-46-62-89-127	55-63-78-99-127	64-73-90-111-132
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	28-31-36-39-42	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
Outdoor Unit	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
Ext. Piping	Operating Current (Max)	A	-	-	7.0	7.0	8.2	8.2	9.2	12.0	
	Breaker Size	A	-	-	10	10	10	10	10	16	
	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
Guaranteed Operating Range (Outdoor)	Max.Length	Out-In	m	-	-	20	20	20	20	30	
	Max.Height	Out-In	m	-	-	12	12	12	12	15	
	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.

(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 47 for heating (warmer season) specifications.