MSZ-E SERIES

EUROVENT CERTIFIED PERFORMANCE

DC Inverter | Joint Lap | DC Fan Motor | PAM | Grooved Piping | SEER A+++ (25 - 35) | SCOP A++ (25 - 42*) *except for VEH

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

*Soft-dry Cloth is enclosed with Black models.

Outdoor Unit

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

MUZ-EF50VE

Remote Controller

Econo Cool | Pure White | AUTO VANE | Electrostatic Anti-allergy | SWING | AUTO | Weekly Timer | i save | ACO | Auto Restart | Low Temp Cooling | Optional | Centralised On/Off (Optional) | Group Control (Optional) | Wi-Fi Interface

MXZ connection | Cleaning-free, pipe reuse | Flare connection | Self Diagnosis | Failure Recall

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 Supply	Source			Outdoor Power 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
		Energy efficiency class		-	-	A+++	A+++	A+++	A+++	A++	A++
	Capacity	Rated	kW	-	-	2.5	2.5	3.5	3.5	4.2	5.0
		Min-Max	kW	-	-	1.2-3.4	1.2-3.4	1.4-4.0	1.4-4.0	0.9-4.6	1.4-5.4
	Total Input	Rated	kW	-	-	0.545	0.545	0.910	0.910	1.280	1.560
Heating (Average Season)(*5)	Design load		kW	-	-	2.4(-10ºC)	2.4(-10ºC)	2.9(-10ºC)	2.9(-10ºC)	3.8(-10ºC)	4.2(-10ºC)
	Declared Capacity	at reference design temperature	kW	-	-	2.4(-10ºC)	2.4(-10ºC)	2.9(-10ºC)	2.9(-10ºC)	3.8(-10ºC)	4.2(-10ºC)
		at bivalent temperature	kW	-	-	2.4(-10ºC)	2.4(-10ºC)	2.9(-10ºC)	2.9(-10ºC)	3.8(-10ºC)	4.2(-10ºC)
		at operation limit temperature	kW	-	-	2.0(-15ºC)	1.6(-20ºC)	2.4(-15ºC)	1.7(-20ºC)	3.4(-15ºC)	3.5(-15ºC)
	Back up heating capacity		kW	-	-	0.0(-10ºC)	0.0(-10ºC)	0.0(-10ºC)	0.0(-10ºC)	0.0(-10ºC)	0.0(-10ºC)
	Annual electricity consumption (*2)		kWh/a	-	-	716	730	882	910	1155	1309
	SCOP (*4)			-	-	4.7	4.6	4.6	4.5	4.6	4.5
		Energy efficiency class		-	-	A++	A++	A++	A+	A++	A+
	Capacity	Rated	kW	-	-	3.2	3.2	4.0	4.0	5.4	5.8
		Min-Max	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
	Total Input	Rated	kW	-	-	0.700	0.700	0.955	0.955	1.460	1.565
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	299-895-195	299-895-195	299-895-195	299-895-195	299-895-195	299-895-195	299-895-195	299-895-195
	Weight		kg	11.5	11.5	11.5	11.5	11.5	11.5	11.5	11.5
	Air Volume (SLo-Lo-Mid-Hi-SHi(*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) (SLo-Lo-Mid-Hi-SHi(*3))	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
Outdoor Unit	Dimensions	H*W*D	mm	-	-	550-800-285	550-800-285	550-800-285	550-800-285	550-800-285	880-840-330
	Weight		kg	-	-	30	30	35	35	35	54
	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
	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
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	20	30
	Max.Height	Out-In	m	-	-	12	12	12	12	12	15
Guaranteed Operating Range (Outdoor)		Cooling	℃	-	-	-10 ~ +46	-10 ~ +46	-10 ~ +46	-10 ~ +46	-10 ~ +46	-10 ~ +46
		Heating	℃	-	-	-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 CO_2, 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.