

MSZ-E SERIES

MSZ-EF18-50VE2B



Developed to complement modern interior room décor, Kirigamine ZEN air conditioners are available in three colours specially chosen to blend in naturally wherever installed.

Stylish Line-up Matches Any Room Décor

The streamlined wall-mounted indoor units have eloquent silver-bevelled edges, expressing sophistication and quality. Combining impressively low power consumption and quiet yet powerful performance, these units provide a best-match scenario for diverse interior designs while simultaneously ensuring maximum room and energy savings.



Energy-efficient Operation



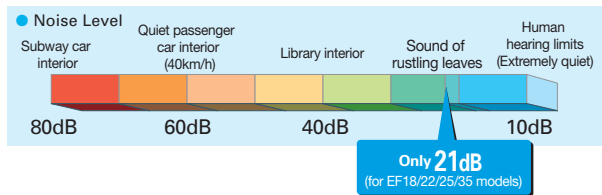
All models in the series have achieved high energy-savings rating, and are contributing to reduced energy consumption in homes, offices and a range of other settings. Offered in a variety of output capacities and installation patterns, the vast applicability promises an ideal match for any user.

Outdoor \ Indoor	Rank A for single connection MUZ-EF25/35VE(H) MUZ-EF42/50VE	Compatibility								
		MXZ								
		2D33VA	2D40VA	2D53VA	3D54VA	3D68VA	4D72VA	4D83VA	5D102VA	6C122VA
MSZ-EF18VE2	-	✓	✓	✓	✓	✓	✓	✓	✓	✓
MSZ-EF22VE2	-	✓	✓	✓	✓	✓	✓	✓	✓	✓
MSZ-EF25VE2	A+++ / A++(A***)	✓	✓	✓	✓	✓	✓	✓	✓	✓
MSZ-EF35VE2	A+++ / A++(A**)		✓	✓	✓	✓	✓	✓	✓	✓
MSZ-EF42VE2	A++ / A+			✓	✓	✓	✓	✓	✓	✓
MSZ-EF50VE2	A++ / A+			✓	✓	✓	✓	✓	✓	✓

*VEH

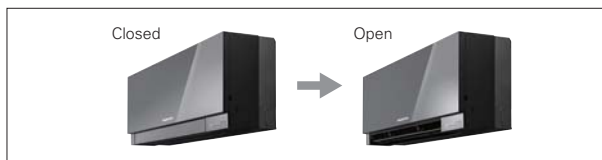
Quiet Comfort All Day Long

Mitsubishi Electric's advanced "Silent Mode" fan speed setting provides super-quiet operation as low as 21dB for EF18/22/25/35 models. This unique feature makes the Kirigamine ZEN series ideal for use in any situation.



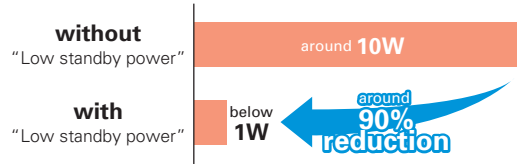
Superior Exterior and Operating Design Concept

The indoor unit of the Kirigamine ZEN keeps its amazingly thin form even during operation. The only physical change notable is the movement of the variable vent. As a result, a slim attractive look is maintained.



Low Standby Power

Electrical devices consume standby power even when they are not in actual use. While we obviously strive to reduce power consumption during actual use, reducing this wasted power that cannot be seen is also very important.



Outdoor Units for Cold Region (25/35)

Single split-type outdoor units are available in both standard and heater-equipped units. An electric heater is installed in each unit to prevent freezing in cold outdoor environments.

Standard Units



MUZ-EF25/35VE

Heater Installed



MUZ-EF25/35VEH

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

*Soft-dry Cloth is enclosed with Black models.

Outdoor Unit



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



MUZ-EF50VE

Remote Controller



Type	Inverter Heat Pump											
Indoor Unit	MSZ-EF18VE2	MSZ-EF22VE2	MSZ-EF25VE2	MSZ-EF25VE2	MSZ-EF35VE2	MSZ-EF35VE2	MSZ-EF42VE2	MSZ-EF50VE2	MSZ-EF50VE2			
Outdoor Unit	for MXZ connection		MUZ-EF25VE	MUZ-EF25VEH	MUZ-EF35VE	MUZ-EF35VEH	MUZ-EF42VE	MUZ-EF50VE	MUZ-EF50VE			
Refrigerant	R410A ⁽¹⁾											
Power Supply	Outdoor Power 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	7.2	
	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 (Average Season) ⁽³⁾	Declared Capacity	at reference design temperature		-	-	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 bivalent temperature		-	-	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		-	-	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)	Energy efficiency class		-	-	A++	A++	A++	A+	A++	A+		
	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	
Indoor Unit	Total Input	kW		-	-	0.700	0.700	0.955	0.955	1.460	1.565	
	Input	A		-	-	7.3	7.3	8.5	8.5	9.5	12.4	
	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	
Outdoor Unit	Weight	kg		11.5	11.5	11.5	11.5	11.5	11.5	11.5		
	Air Volume (SLo-Lo-Mid-Hi-SH ⁽⁵⁾ (Dry/Wet))	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	55-63-78-99-127	64-73-90-111-132	
	Sound Level (SPL) (SLo-Lo-Mid-Hi-SH ⁽⁵⁾)	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	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	28-30-35-41-48	30-33-37-43-49	
Sound Level (PWL)	dB(A)		-	-	60	60	60	60	60	60		
Ext. Piping	Dimensions	H*W*D		mm	-	550-800-285	550-800-285	550-800-285	550-800-285	550-800-285	880-940-330	
	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	
	Heating	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		-	-	10	10	10	10	10	10	16	
Guaranteed Operating Range (Outdoor)	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	°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) 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 47 for heating (warmer season) specifications.