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KIRIGAMINE ZEN

MSZ-E SERIES

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

R32
Single / Multi
R410A
Multi

MSZ-EF18-50VGB



GOOD DESIGN
reddot award 2015 winner



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



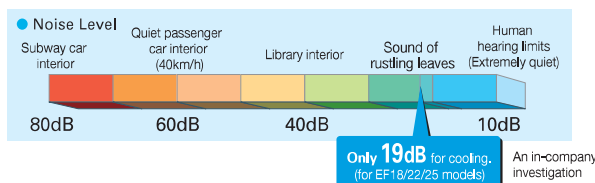
All models in the series have achieved high energy-savings rating, and are contributing to reduced energy consumption in homes, offices and a range of other settings. Offered in a variety of output capacities and installation patterns, the vast applicability promises an ideal match for any user.

Indoor \ Outdoor	Rank A for single connection MUZ-EF25/35V(G)(H) MUZ-EF42/50VG	Compatibility MXZ					
		2F33VF	2F42VF	2F53VF	3F54VF	3F68VF	4F72VF
MSZ-EF18VG	-	✓	✓	✓	✓	✓	✓
MSZ-EF22VG	-	✓	✓	✓	✓	✓	✓
MSZ-EF25VG	A+++ / A++ (A+++)	✓	✓	✓	✓	✓	✓
MSZ-EF35VG	A+++ / A++ (A+++)	✓	✓	✓	✓	✓	✓
MSZ-EF42VG	A+ / A+			✓	✓	✓	✓
MSZ-EF50VG	A+ / A+			✓	✓	✓	✓

*VEH

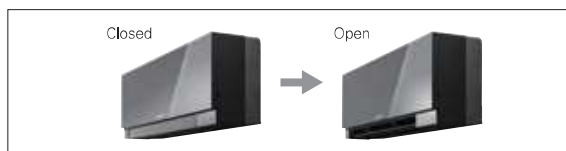
Quiet Comfort All Day Long

Mitsubishi Electric's advanced "Silent Mode" fan speed setting provides super-quiet operation as low as 19dB for EF18/22/25 models for cooling. This unique feature makes the Kirigamine ZEN series ideal for use in any situation.



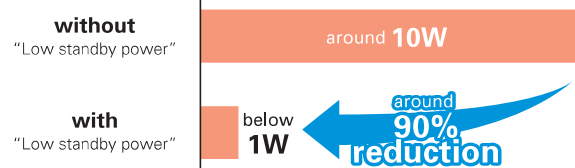
Superior Exterior and Operating Design Concept

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.

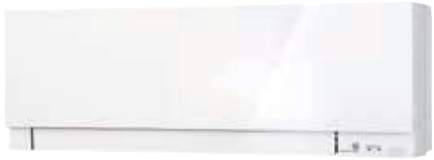


MSZ-E SERIES



Indoor Unit / Remote Controller

R32 R410A



MSZ-EF18/22/25/35/42/50VG(KW)

White



MSZ-EF18/22/25/35/42/50VG(KS)

Silver



MSZ-EF18/22/25/35/42/50VG(KB*)

Black



Outdoor Unit

R32



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



MUZ-EF50VG

* Soft-dry Cloth is enclosed with Black models.
* VGK model Wi-Fi interface built-in



Type	Inverter Heat Pump										
Indoor Unit	MSZ-EF18VG(K)	MSZ-EF22VG(K)	MSZ-EF25VG(K)	MSZ-EF25VG(K)	MSZ-EF35VG(K)	MSZ-EF35VG(K)	MSZ-EF35VG(K)	MSZ-EF42VG(K)	MSZ-EF50VG(K)		
Outdoor Unit	for MXZ connection			MUZ-EF25VG	MUZ-EF25VG(H)	MUZ-EF35VG	MUZ-EF35VG(H)	MUZ-EF42VG	MUZ-EF50VG		
Refrigerant	R32 ⁽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	-	-	96	96	139	139	166	233	
	SEER⁽³⁾		-	-	9.1	9.1	8.8	8.8	7.9	7.5	
	Energy efficiency class		-	-	A+++	A+++	A+++	A+++	A++	A++	
	Capacity		kW	-	-	2.5	2.5	3.5	3.5	4.2	5.0
Heating (Average Season) ⁽⁴⁾	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 bivalent 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 (-10°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)	0.0 (-10°C)
	Annual electricity consumption⁽²⁾	kWh/a	-	-	713	727	882	900	1151	1304	
Indoor Unit	SCOP⁽⁵⁾		-	-	4.7	4.6	4.6	4.5	4.6	4.5	
	Energy efficiency class		-	-	A++	A++	A++	A+	A+	A+	
	Capacity		kW	-	-	3.2	3.2	4.0	4.0	5.4	5.8
	Total Input		kW	-	-	1.0-4.2	1.0-4.2	1.3-5.1	1.3-5.1	1.3-6.3	1.4-7.5
	Operating Current (Max)		A	-	-	7.1	7.1	7.1	7.1	10.0	14
Outdoor Unit	Input	Rated	kW	0.026	0.026	0.026	0.026	0.030	0.033	0.043	
	Operating Current (Max)		A	0.3	0.3	0.3	0.3	0.3	0.4	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	11.5	
	Air Volume		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	5.8-6.8-7.9-9.2-11.3	5.8-6.8-7.9-9.2-11.3	
Ext. Piping	Sound Level (SPL)	Cooling	dB(A)	19-23-29-36-42	19-23-29-36-42	19-23-29-36-42	19-23-29-36-42	21-24-30-36-42	28-31-35-39-43	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)	Cooling	dB(A)	60	60	60	60	60	60	60	
		Heating	dB(A)	60	60	60	60	60	60	60	
	Operating Current (Max)		A	-	-	6.8	6.8	6.8	6.8	9.6	13.6
Guaranteed Operating Range (Outdoor)	Breaker Size		A	-	-	10	10	10	12	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	
	Max.Length	Out-In	m	-	-	20	20	20	20	20	
	Max.Height	Out-In	m	-	-	12	12	12	12	15	
	Guaranteed Operating Range		°C	-	-	-10 ~ +46	-10 ~ +46	-10 ~ +46	-10 ~ +46	-10 ~ +46	

(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 550. This means that if 1 kg of this refrigerant fluid would be leaked to the atmosphere, the impact on global warming would be 550 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) The GWP of R32 is 675 in the IPCC 4th Assessment Report.

(3) SEER, SCOP and other related description are based on COMMISSION DELEGATED REGULATION (EU) No.826/2011. The temperature conditions for calculating SCOP are based on "Average Season".

(4) SEER, SCOP and other related description are based on COMMISSION DELEGATED REGULATION (EU) No.826/2011. The temperature conditions for calculating SCOP are based on "Average Season".

(5) Please see page 51-52 for heating (warmer season) specifications.