

MFZ SERIES

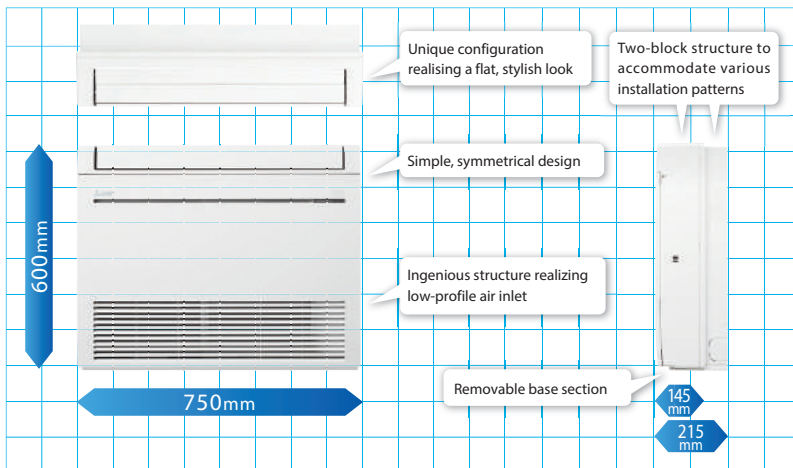
High Capacity, Energy Savings and a Design in Harmony with Living Spaces
Raise the Value of Your Room to the Next Level.

MFZ-KJ25/35/50VE2

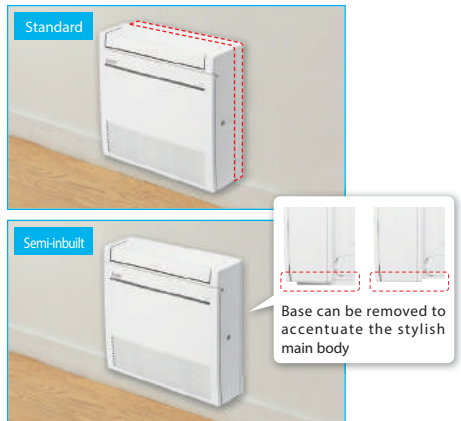


Simple, Flat Design

Uneven surfaces have been smoothed to provide a simple design with linear beauty, harmonised with all types of interiors.

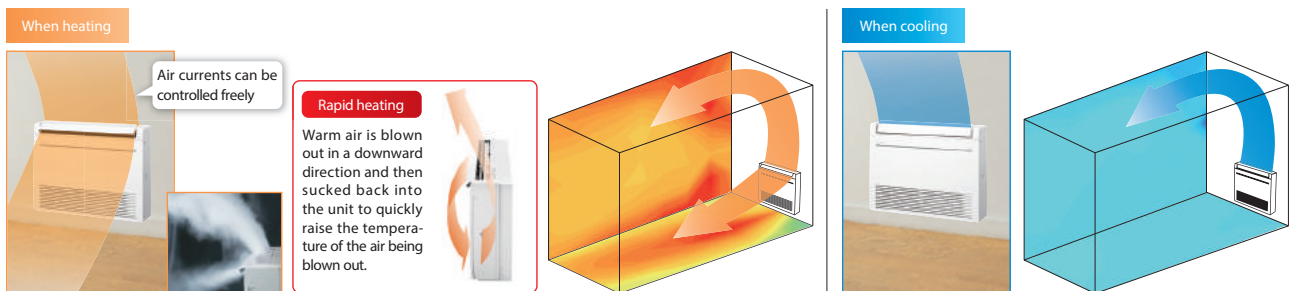


Images of installed unit



Multi-flow Vane

Three uniquely shaped vanes control the airflow and allow the freedom to customize comfort according to preferences.

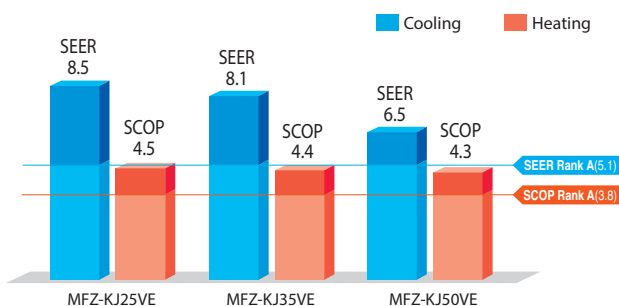


*The downward airflow is also possible as well as heating.

Excellent Energy-saving Performance



SEER A+++ (25) and SCOP A+ (25/35/50) ratings have been achieved through development focusing on compliance with European energy-related product (ErP) regulations.



Weekly Timer

(Introduced in response to market demand)

Temperature settings and On/Off control can be managed over a period of one week using the Weekly Timer. Up to eight setting patterns per calendar day are possible.

Trouble-free Installation and Maintenance

Using the original installation plate that comes as standard equipment, installation of the unit is a snap. Levelling adjusters are provided, preventing damage to the wall. Generous pipe length (20–30 metres) is provided, so there is no need to worry about distance to the outdoor unit. All units are equipped with an automatic self-diagnostics function as well. Simply access the trouble log recall mode for instant trouble-shooting.

MFZ-KJ SERIES



Indoor Unit



MFZ-KJ25/35/50VE2



Outdoor Unit



MUFZ-KJ25/35VE



MUFZ-KJ50VE

Remote Controller



Type				Inverter Heat Pump						
Indoor Unit				MFZ-KJ25VE(2)		MFZ-KJ35VE(2)		MFZ-KJ50VE(2)		
Outdoor Unit				MUFZ-KJ25VE		MUFZ-KJ35VE		MUFZ-KJ50VE		
Refrigerant				R410A ^{(*)1}		R410A ^{(*)1}		R410A ^{(*)1}		
Power Supply		Source				Outdoor power supply				
		Outdoor(V/Phase/Hz)				230 / Single / 50				
Cooling	Design load		kW	2.5	3.5	5.0				
	Annual electricity consumption ^{(*)2}		kWh/a	102	150	266				
	SEER ^{(*)4}			8.5	8.1	6.5				
	Capacity	Energy efficiency class			A+++	A++	A+			
			Rated	kW	2.5	3.5	5.0			
Total Input	Rated	Min-Max	kW	0.5 - 3.4	0.5 - 3.7	1.6 - 5.7				
			kW	0.540	0.940	1.410				
Heating (Average Season)	Design load		kW	3.4(-10°C)	3.5(-10°C)	4.4(-10°C)				
	Declared Capacity	at reference design temperature	kW	3.4(-10°C)	3.5(-10°C)	4.4(-10°C)				
		at bivalent temperature	kW	3.4(-10°C)	3.5(-10°C)	4.4(-10°C)				
		at operation limit temperature	kW	2.4(-15°C)	2.9(-15°C)	6.0(-15°C)				
	Back up heating capacity		kW	0.0(-10°C)	0.0(-10°C)	0.0(-10°C)				
	Annual electricity consumption ^{(*)2}		kWh/a	1059	1110	1406				
	SCOP ^{(*)4}			4.5	4.4	4.3				
	Capacity	Energy efficiency class			A+	A+	A+			
Rated			kW	3.4	4.3	6.0				
Total Input	Rated	Min-Max	kW	1.2 - 4.6	1.2 - 5.5	2.2 - 8.2				
			kW	0.770	1.100	1.610				
Operating Current (Max)	Input	Rated	A	9.4	9.4	14.0				
			kW	0.016	0.016	0.038				
Indoor Unit	Operating Current(Max)	Rated		A	0.17	0.34				
				A	0.17	0.34				
	Dimensions	H*W*D	mm	600-750-215	600-750-215	600-750-215				
	Weight		kg	15	15	15				
	Air Volume (SLo-Lo-Mid-Hi-SHi ^{(*)3})	Cooling	m ³ /min	3.9 - 4.9 - 5.9 - 7.1 - 8.2	3.9 - 4.9 - 5.9 - 7.1 - 8.2	5.6 - 6.7 - 8.0 - 9.3 - 10.6				
		Heating	m ³ /min	3.9 - 5.1 - 6.2 - 7.7 - 9.7	3.9 - 5.1 - 6.2 - 7.7 - 9.7	6.0 - 7.4 - 9.4 - 11.6 - 14.0				
	Sound Level (SPL) (SLo-Lo-Mid-Hi-SHi ^{(*)3})	Cooling	dB(A)	20 - 25 - 30 - 35 - 39	20 - 25 - 30 - 35 - 39	27 - 31 - 35 - 39 - 44				
		Heating	dB(A)	19 - 25 - 30 - 35 - 41	19 - 25 - 30 - 35 - 41	29 - 35 - 40 - 45 - 50				
	Sound Level (PWL)	Cooling	dB(A)	49	50	56				
		Heating	dB(A)	49	50	56				
Outdoor Unit	Dimensions	H*W*D	mm	550-800-285	550-800-285	880-840-330				
			mm	550-800-285	550-800-285	880-840-330				
	Weight		kg	37	37	55				
				37	37	55				
	Air Volume	Cooling	m ³ /min	31.3	31.3	45.8				
			m ³ /min	33.6	33.6	45.8				
	Sound Level (SPL)	Cooling	dB(A)	46	47	49				
			dB(A)	51	51	51				
	Sound Level (PWL)	Cooling	dB(A)	59	60	63				
			dB(A)	59	60	63				
Operating Current(Max)	Rated	A	9.2	9.2	13.6					
		A	10	10	16					
Ext. Piping	Diameter	Liquid/Gas	mm	6.35/9.52	6.35/9.52	6.35/12.7				
			mm	20	20	30				
			mm	12	12	15				
Guaranteed Operating Range [Outdoor]	Cooling	°C	-10 ~ +46	-10 ~ +46	-10 ~ +46					
		°C	-15 ~ +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".