

MFZ-K SERIES

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

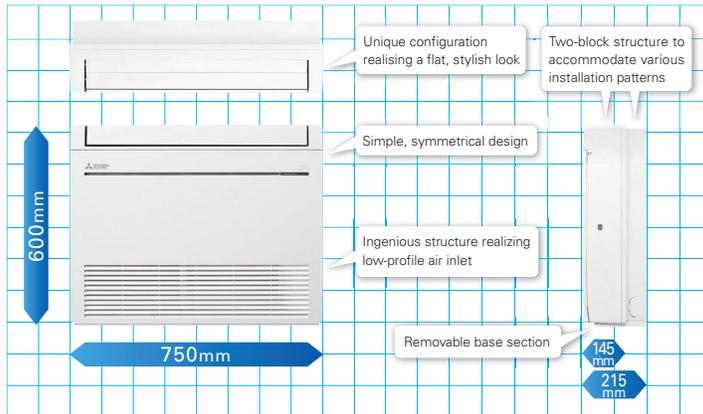
MFZ-KJ25/35/50VE2

R410A

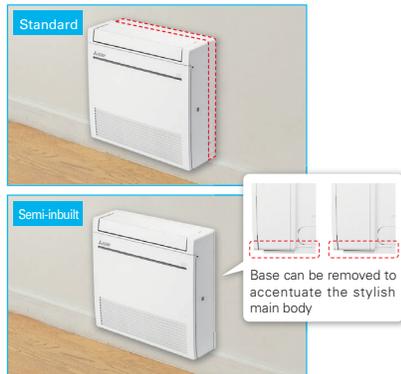


Simple , Flat Design

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

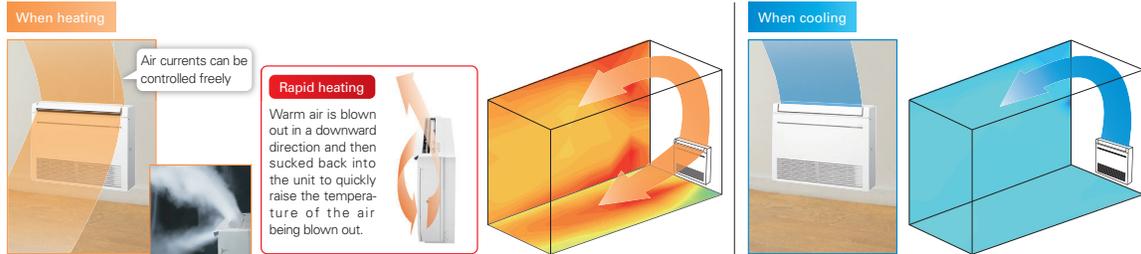


Images of installed unit



Multi-flow Vane

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



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.

Quiet Operation

The indoor unit noise level is as low as 19dB for MFZ Series, offering a peaceful inside environment.



MFZ-KJ SERIES



Indoor Unit

R410A



MFZ-KJ25/35/50VE2

Outdoor Unit

R410A



MUZF-KJ25/35VE



MUZF-KJ50VE

Remote Controller



Type		Inverter Heat Pump							
Indoor Unit		MFZ-KJ25VE2		MFZ-KJ35VE2		MFZ-KJ50VE2			
Outdoor Unit		MUZF-KJ25VE		MUZF-KJ35VE		MUZF-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			
	Min-Max	kW	0.5 - 3.4	0.5 - 3.7	1.6 - 5.7				
	Total Input	Rated	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			
		Min-Max	kW	1.2 - 4.6	1.2 - 5.5	2.2 - 8.2			
	Total Input	Rated	kW	0.770	1.100	1.610			
Operating Current (Max)		A	9.4	9.4	14.0				
Indoor Unit	Input	Rated	kW	0.016	0.016	0.038			
	Operating Current(Max)	A	0.17	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			
Dimensions	H*W*D	mm	550-800-285	550-800-285	880-840-330				
Weight	kg	37	37	55					
Air Volume	Cooling	m ³ /min	31.3	31.3	45.8				
	Heating	m ³ /min	33.6	33.6	45.8				
Sound Level (SPL)	Cooling	dB(A)	46	47	49				
	Heating	dB(A)	51	51	51				
Sound Level (PWL)	Cooling	dB(A)	59	60	63				
	Heating	dB(A)	59	60	63				
Operating Current(Max)		A	9.2	9.2	13.6				
Breaker Size		A	10	10	16				
Ext. Piping	Diameter	Liquid/Gas	mm	6.35/9.52	6.35/12.7				
	Max.Length	Out-In	m	20	30				
	Max.Height	Out-In	m	12	15				
Guaranteed Operating Range		Cooling	°C	-10 ~ +46	-10 ~ +46				
		Heating	°C	-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.

The GWP of R410A is 2088 in the IPCC 4th Assessment Report.

⁽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".