

MFZ SERIES

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

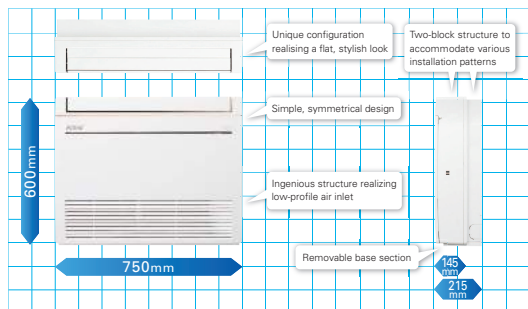
R410A

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.

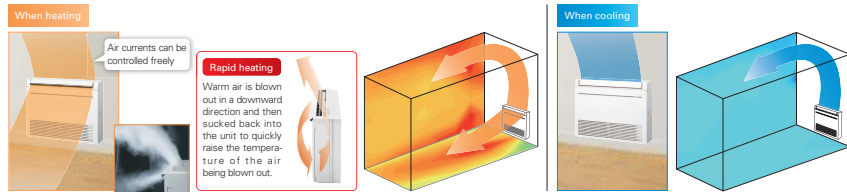


Images of installed unit



Multi-flow Vane

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



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.

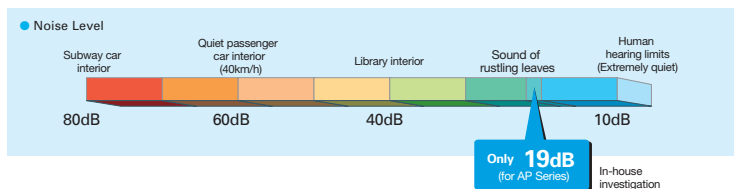
Weekly Timer

(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**



MFZ-KJ25/35VE



MFZ-KJ50VE

Remote Controller



Type		Inverter Heat Pump				
Indoor Unit		MFZ-KJ25VE2	MFZ-KJ35VE2	MFZ-KJ50VE2		
Outdoor Unit		MFZ-KJ25VE	MFZ-KJ35VE	MFZ-KJ50VE		
Refrigerant		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/s	102	150	266	
	SEER ⁽³⁾		8.5	8.1	8.5	
	Capacity	Energy efficiency class		A+++	A**	A**
		Rated	kW	2.5	3.5	5.0
Total Input	Rated	kW	0.5 - 3.4	0.5 - 3.7	1.6 - 5.7	
	Rated	kW	0.540	0.940	1.410	
Heating	Declared Capacity	at reference design temperature	3.4(-10°C)	3.5(-10°C)	4.4(-10°C)	
		at bivalent temperature	3.4(-10°C)	3.5(-10°C)	4.4(-10°C)	
		at operation limit temperature	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/s	1059	1110	1406	
Season	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	kW	1.2 - 4.8	1.2 - 5.5	2.2 - 8.2
		Rated	kW	0.770	1.100	1.810
Operating Current (Max)	Input	kW	0.016	0.016	0.038	
	Operating Current(Max)	A	0.17	0.17	0.34	
Indoor Unit	Dimensions	H*W*D	600-750-215		600-750-215	
	Weight	kg	15	15	15	
	Air Volume	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)	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	550-800-285		550-800-285	
	Weight	kg	37	37	55	
Outdoor Unit	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
Operating Current(Max)	A	9.2	9.2	13.6		
Breaker Size	A	10	10	16		
Ext. Piping	Diameter	Liquid/Gas	6.35/9.52		6.35/12.7	
	Max.Length	Out-In	20		30	
	Max.Height	Out-In	12		15	
Guaranteed Operating Range	Cooling	°C	-10 - +46	-10 - +46	-10 - +46	
	Heating	°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 1 kg of the 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⁾ The GWP of R410A is 2088 in the IPCC 4th Assessment Report.

⁽³⁾ Energy consumption based on standard test results. Actual energy consumption will depend on how the appliance is used and where it is located.

⁽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".