

# MFZ SERIES

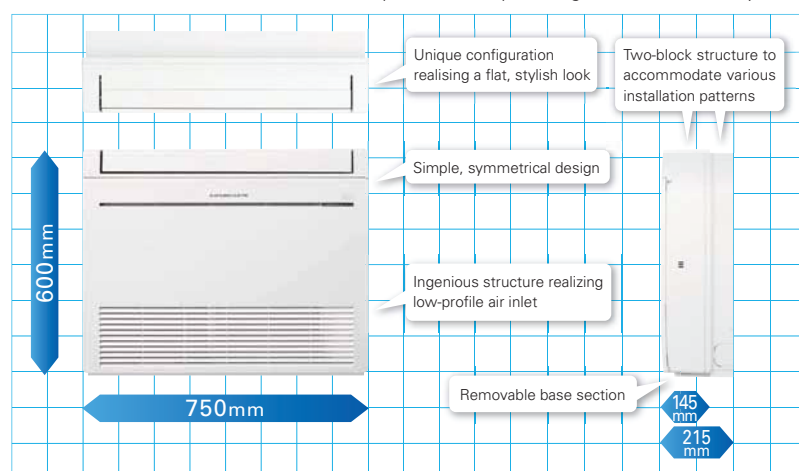
High Capacity, Energy Savings and a Design in Harmony with Living Spaces  
Raise the Value of Your Room to the Next Level.

MFZ-KJ25/35/50VE

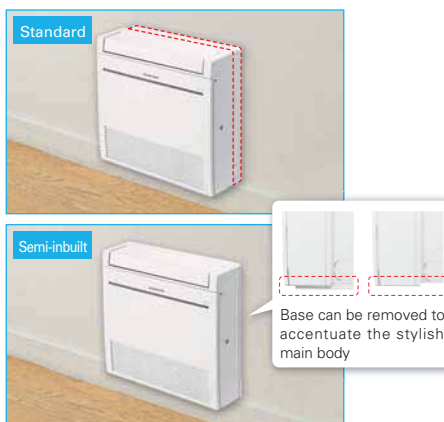


## Simple , Flat Design

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

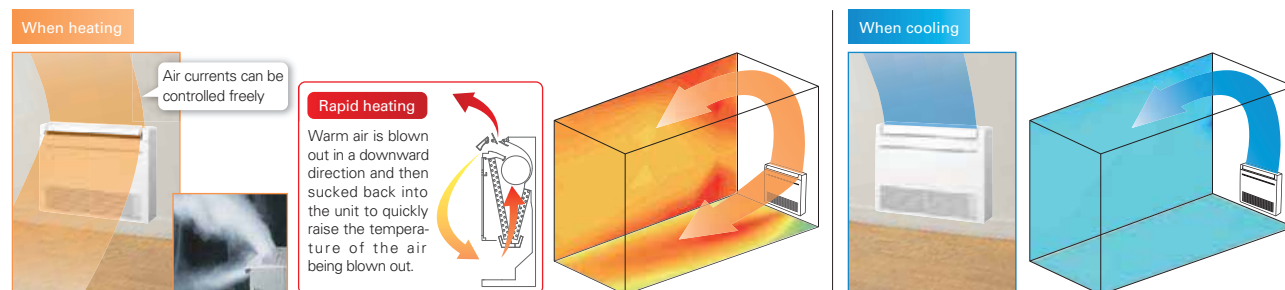


### Images of installed unit



## Multi-flow Vane

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

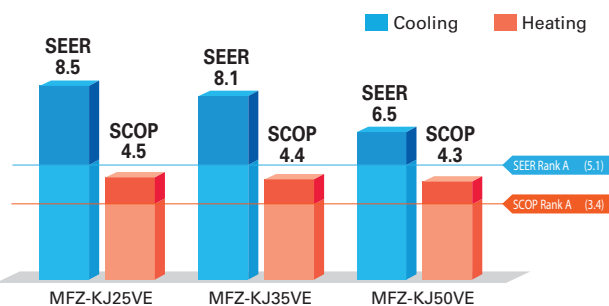


\*The downward airflow is also possible as well as heating.

## 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

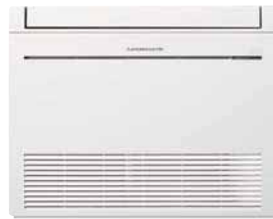
Using the original installation plate that comes as standard equipment, installation of the unit is a snap. Levelling adjusters are provided, preventing damage to the wall. Generous pipe length (20–30 metres) is provided, so there is no need to worry about distance to the outdoor unit. All units are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

# MFZ-KJ

SERIES



## Indoor Unit



MFZ-KJ25/35/50VE

## Outdoor Unit



MUFZ-KJ25/35VE



MUFZ-KJ50VE

## Remote Controller



Type		Inverter Heat Pump				
Indoor Unit		MFZ-KJ25VE	MFZ-KJ35VE	MFZ-KJ50VE		
Outdoor Unit		MUFZ-KJ25VE	MUFZ-KJ35VE	MUFZ-KJ50VE		
Refrigerant		R410A <sup>(*)1</sup>	R410A <sup>(*)1</sup>	R410A <sup>(*)1</sup>		
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 <sup>(*)2</sup>	kWh/a	102	150	266	
	SEER <sup>(*)4</sup>		8.5	8.1	6.5	
	Capacity	Energy efficiency class		A+++	A++	A+
		Rated	kW	2.5	3.5	5.0
Total Input	Min-Max	kW	0.5 - 3.4	0.5 - 3.7	1.6 - 5.7	
	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)	
Operating Current (Max)	Annual electricity consumption <sup>(*)2</sup>	kWh/a	1059	1110	1406	
	SCOP <sup>(*)4</sup>		4.5	4.4	4.3	
	Capacity	Energy efficiency class		A+	A+	A+
		Rated	kW	3.4	4.3	6.0
	Total Input	Min-Max	kW	1.2 - 4.6	1.2 - 5.5	2.2 - 8.2
Rated	kW	0.770	1.100	1.610		
Indoor Unit	Input	Rated	A	9.4	14.0	
		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 <sup>(*)3</sup> )	Cooling	m3/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	m3/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 <sup>(*)3</sup> )	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	880-940-330
	Weight		kg	37	37	55
	Air Volume	Cooling	m3/min	31.3	31.3	45.8
		Heating	m3/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	6.35/9.52	6.35/12.7
	Max.Length	Out-In	m	20	20	30
	Max.Height	Out-In	m	12	12	15
Guaranteed Operating Range [Outdoor]	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 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 CO<sub>2</sub>, 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".