

MFZ SERIES

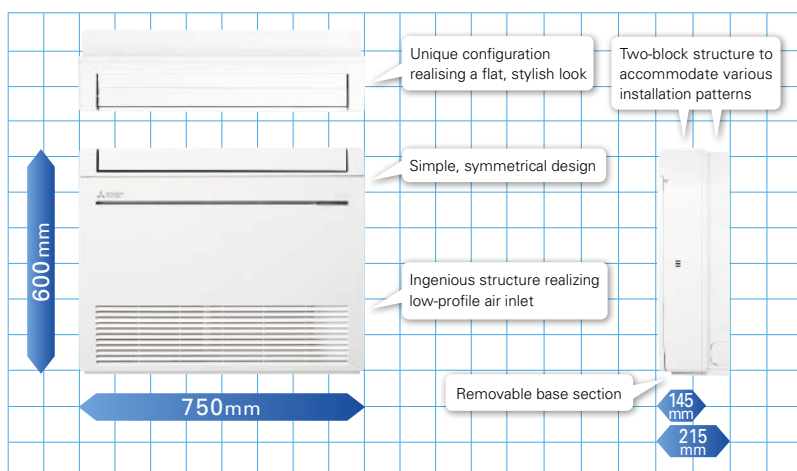
High Capacity, Energy Savings and a Design in Harmony with Living Spaces
Raise the Value of Your Room to the Next Level.

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

Standard



Semi-inbuilt



Multi-flow Vane

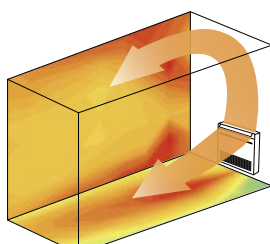
Three uniquely shaped vanes control the airflow and allow the freedom to customize comfort according to preferences.

When heating

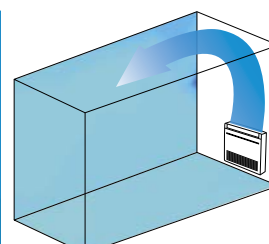


Rapid heating

Warm air is blown out in a downward direction and then sucked back into the unit to quickly raise the temperature of the air being blown out.



When cooling

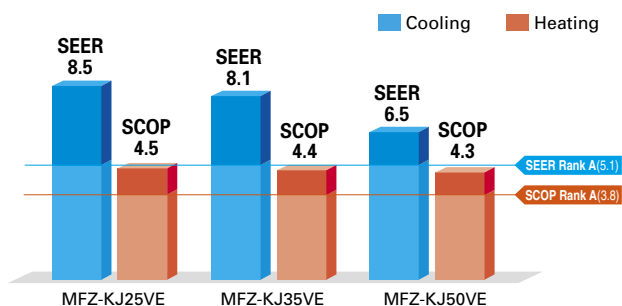


* The downward airflow is also possible as well as heating.

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-KJ25/35/50VE2



Outdoor Unit



MUFZ-KJ25/35VE



MUFZ-KJ50VE

Remote Controller



Type			Inverter Heat Pump							
Indoor Unit			MFZ-KJ25VE2		MFZ-KJ35VE2		MFZ-KJ50VE2			
Outdoor Unit			MUFZ-KJ25VE		MUFZ-KJ35VE		MUFZ-KJ50VE			
Refrigerant			R410A ^(*)		R410A ^(*)		R410A ^(*)			
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		
Heating (Average Season)	Total Input		Rated	kW	0.540		0.940		1.410	
	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	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 ⁽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		
Dimensions			H*W*D	mm	550-800-285		550-800-285		880-840-330	
Outdoor Unit	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		
	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 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) 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".