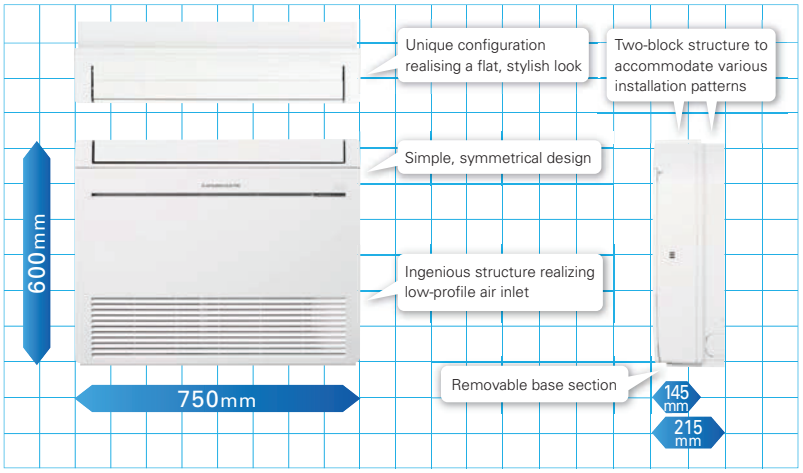
MFZ SERIES

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

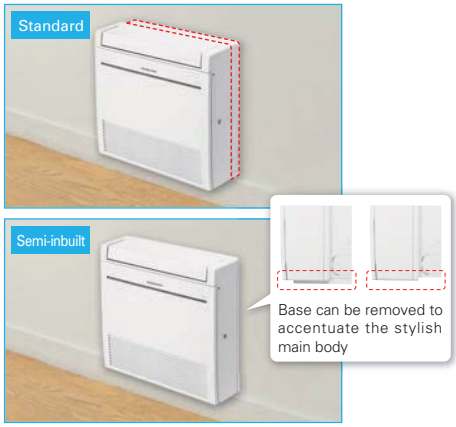
MFZ-KJ25/35/50VE

Simple , Flat Design

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



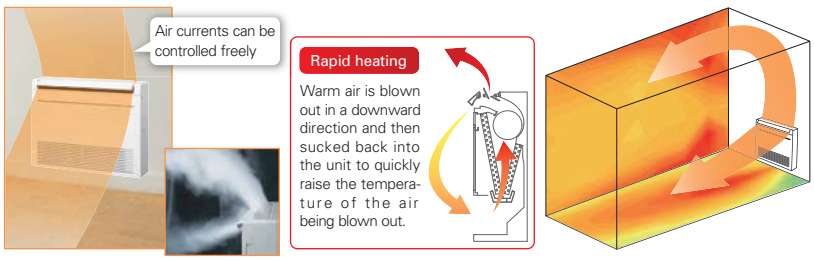
Images of installed unit



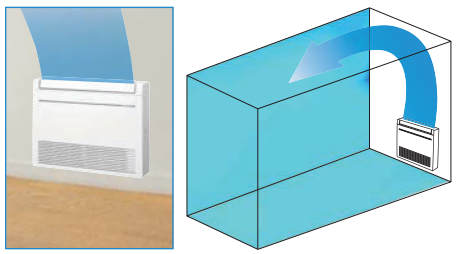
Multi-flow Vane

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

When heating



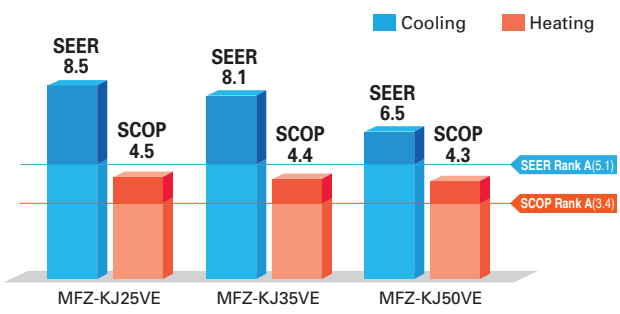
When cooling



* 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

EUROVENT CERTIFIED PERFORMANCE www.eurovent-certification.com

DC Inverter | DC Fan Motor | PAM | Grooved Piping | SEER 25 A+++ | SCOP A+

Indoor Unit

MFZ-KJ25/35/50VE

Outdoor Unit

MUFZ-KJ25/35VE

MUFZ-KJ50VE

Remote Controller

Econo Cool | Pure White | AUTO VANE | Anti-allergy Enzyme | Nano Platinum | SWING | AUTO | i save | ACO | Auto Restart | Low Temp Cooling | Optional | Group Control | Optional | M-NET connection | Optional | Cleaning-free pipe route

Flare connection | Self Diagnosis | Failure Recall

Type				Inverter Heat Pump		
Indoor Unit				MFZ-KJ25VE	MFZ-KJ35VE	MFZ-KJ50VE
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
		Energy efficiency class		A+++	A++	A++
	Capacity	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℃)	3.5(-10℃)	4.4(-10℃)
	Declared Capacity	at reference design temperature	kW	3.4(-10℃)	3.5(-10℃)	4.4(-10℃)
		at bivalent temperature	kW	3.4(-10℃)	3.5(-10℃)	4.4(-10℃)
		at operation limit temperature	kW	2.4(-15℃)	2.9(-15℃)	6.0(-15℃)
	Back up heating capacity		kW	0.0(-10℃)	0.0(-10℃)	0.0(-10℃)
	Annual electricity consumption(*2)		kWh/a	1059	1110	1406
	SCOP(*4)			4.5	4.4	4.3
		Energy efficiency class		A+	A+	A+
	Capacity	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	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
	(SLo-Lo-Mid-Hi-SHi(*3))	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)	Cooling	dB(A)	20 - 25 - 30 - 35 - 39	20 - 25 - 30 - 35 - 39	27 - 31 - 35 - 39 - 44
	(SLo-Lo-Mid-Hi-SHi(*3))	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
Outdoor Unit	Dimensions	H*W*D	mm	550-800-285	550-800-285	880-840-330
	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
	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	℃	-10 ~ +46	-10 ~ +46	-10 ~ +46
		Heating	℃	-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_2, 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".