

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-KT25/35/50/60VG

R32

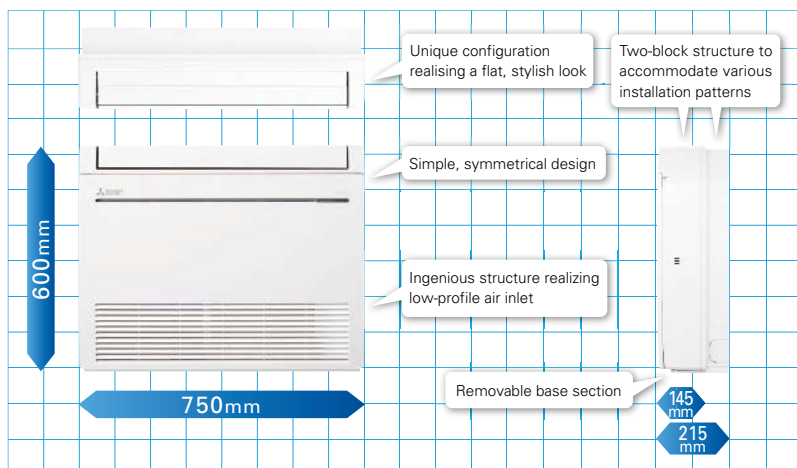


GOOD DESIGN
AWARD 2014

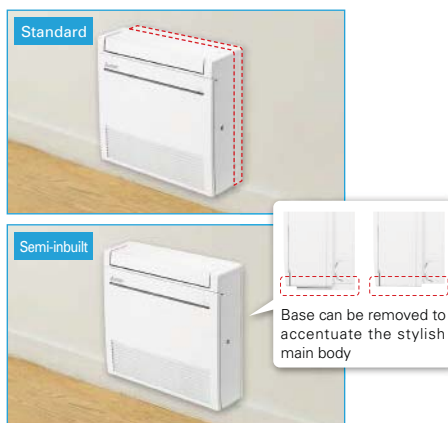


Simple, Flat Design

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



Images of installed unit



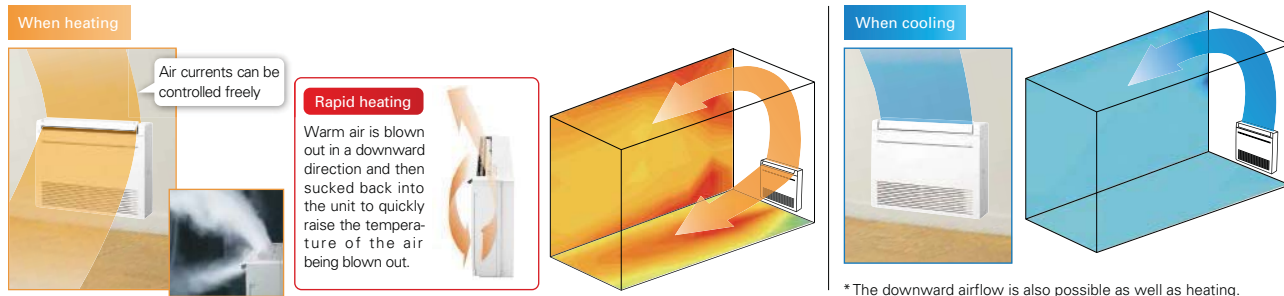
New Line-up

New models have been introduced to expand the line-up. The diverse selection enables the best solution for both customers and locations.

Capacity	2.5kW	3.5kW	5.0kW	6.0kW
MFZ-KJ	✓	✓	✓	
↓				
MFZ-KT	✓	✓	✓	✓

Multi-flow Vane

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



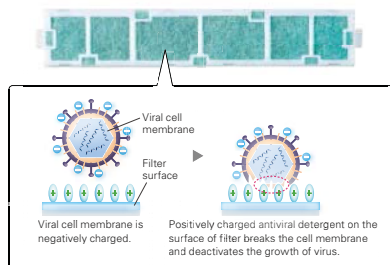
Weekly Timer (Introduced in response to market demand)

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.

V Blocking Filter



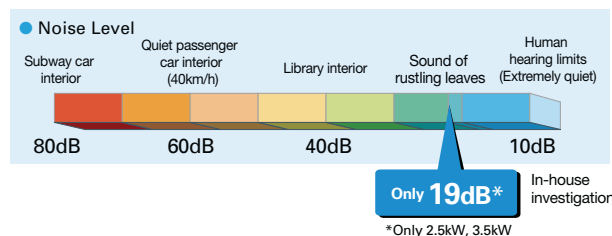
V Blocking Filter with antiviral effect inhibits 99% of adhered virus, and other harmful substances, such as bacteria, mold and allergen. Two-layered filter with non-woven fabric and electrostatic filter can effectively capture and remove small particles from the air in your room.



Quiet Operation

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

* Single connection only.



MFZ-KT SERIES



Indoor Unit

R32



MFZ-KT25/35/50/60VG

Outdoor Unit

R32



SUZ-M25/35VA



SUZ-M50VA



SUZ-M60VA

Remote Controller



Enclosed in MFZ-KT



*optional



*optional



*optional



Type			Inverter Heat Pump				
Indoor Unit			MFZ-KT25VG	MFZ-KT35VG	MFZ-KT50VG	MFZ-KT60VG	
Outdoor Unit			SUZ-M25VA	SUZ-M35VA	SUZ-M50VA	SUZ-M60VA	
Refrigerant			R32 ^(*)	R32 ^(*)	R32 ^(*)	R32 ^(*)	
Power Supply	Source		Outdoor power supply				
	Outdoor(V/Phase/Hz)		230 / Single / 50				
Cooling	Design load	kW	2.5	3.5	5.0	6.1	
	Annual electricity consumption ^(*)	kWh/a	134	185	257	343	
	SEER ^(*) , ^(*)		6.5	6.6	6.8	6.2	
	Energy efficiency class		A ⁺⁺	A ⁺⁺	A ⁺⁺	A ⁺⁺	
		Rated	kW	2.5	3.5	5.0	6.1
	Capacity	Min-Max	kW	1.6 - 3.2	0.9 - 3.9	1.2 - 5.6	1.7 - 6.3
	Total Input	Rated	kW	0.62	1.06	1.55	1.84
Heating (Average Season)	Design load	kW	2.2	2.6	4.3	4.6	
	Declared Capacity	at reference design temperature	kW	2.0 (-10°C)	2.3 (-10°C)	3.5 (-10°C)	4.1 (-10°C)
		at bivalent temperature	kW	2.0 (-7°C)	2.3 (-7°C)	3.9 (-7°C)	4.1 (-7°C)
		at operation limit temperature	kW	2.0 (-10°C)	2.3 (-10°C)	3.5 (-10°C)	4.1 (-10°C)
	Back up heating capacity	kW	0.2	0.3	0.8	0.5	
	Annual electricity consumption ^(*)	kWh/a	732	825	1423	1568	
	SCOP ^(*) , ^(*)		4.2	4.4	4.2	4.1	
	Energy efficiency class		A ⁺	A ⁺	A ⁺	A ⁺	
		Rated	kW	3.4	4.3	6.0	7.0
	Capacity	Min-Max	kW	1.3 - 4.2	1.1 - 5.0	1.5 - 7.2	1.6 - 8.0
	Total Input	Rated	kW	0.91	1.26	1.86	2.18
Operating Current (Max)		A	7.0	8.7	14.0	15.4	
Indoor Unit	Input	Rated	kW	0.020 / 0.024	0.020 / 0.024	0.037 / 0.052	0.063 / 0.059
	Operating Current(Max)		A	0.20	0.20	0.45	0.55
	Dimensions	H*W*D	mm	600-750-215	600-750-215	600-750-215	600-750-215
	Weight		kg	14.5	14.5	14.5	15.0
	Air Volume (SLo-Lo-Mid-Hi-SHi ^(*))	Cooling	m³/min	3.9 - 4.8 - 6.5 - 7.8 - 8.9	3.9 - 4.8 - 6.5 - 7.8 - 8.9	5.6 - 6.7 - 8.6 - 10.4 - 12.3	5.6 - 8.0 - 9.6 - 12.3 - 15.0
		Heating	m³/min	3.5 - 4.0 - 5.6 - 7.3 - 9.7	3.5 - 4.0 - 5.6 - 7.3 - 9.7	6.0 - 7.7 - 9.4 - 11.6 - 14.0	6.0 - 7.7 - 9.7 - 12.5 - 14.6
	Sound Level (SPL) (SLo-Lo-Mid-Hi-SHi ^(*))	Cooling	dB(A)	19 - 24 - 31 - 37 - 41	19 - 24 - 31 - 37 - 41	28 - 32 - 37 - 42 - 48	28 - 36 - 40 - 46 - 53
		Heating	dB(A)	19 - 23 - 30 - 37 - 44	19 - 23 - 30 - 37 - 44	29 - 35 - 40 - 44 - 49	29 - 35 - 41 - 47 - 51
	Sound Level (PWL)	Cooling	dB(A)	54	54	60	65
Dimensions	H*W*D	mm	550-800-285	550-800-285	714-800-285	880-840-300	
Outdoor Unit	Weight		kg	30	35	41	54
	Air Volume	Cooling	m³/min	36.3	34.3	45.8	50.1
		Heating	m³/min	34.6	32.7	43.7	50.1
	Sound Level (SPL)	Cooling	dB(A)	45	48	48	49
		Heating	dB(A)	46	48	49	51
	Sound Level (PWL)	Cooling	dB(A)	59	59	64	65
	Operating Current(Max)		A	7	9	14	15
	Breaker Size		A	10	10	16	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	30
Max.Height		Out-In	m	12	12	30	30
Guaranteed Operating Range		Cooling	°C	-10 ~ +46	-10 ~ +46	-15 ~ +46	-15 ~ +46
[Outdoor]	Heating	°C	-10 ~ +24	-10 ~ +24	-10 ~ +24	-10 ~ +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".

(*)5 SEER and SCOP are based on 2009/125/EC:Energy-related Products Directive and Regulation(EU) No206/2012.