

MFZ SERIES

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

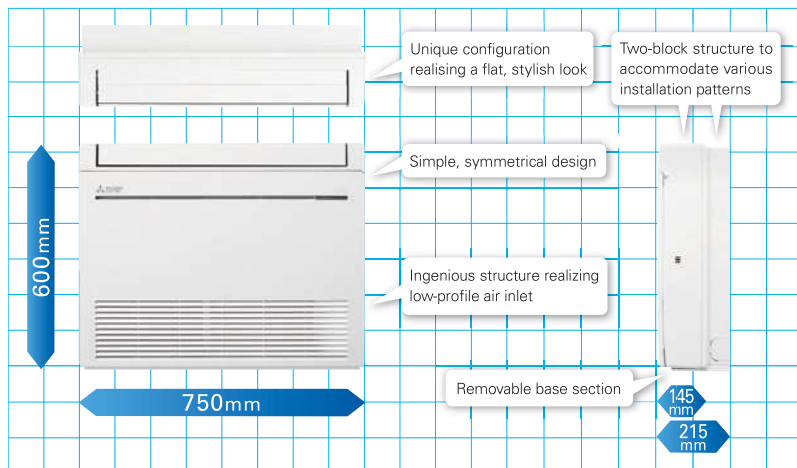
R32 R410A
PUMY

MFZ-KT25/35/50/60VG

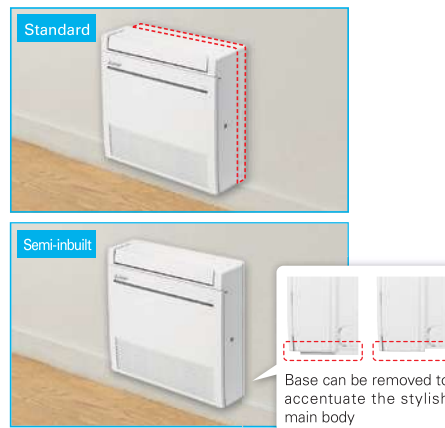


Simple, Flat Design

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



Images of installed unit



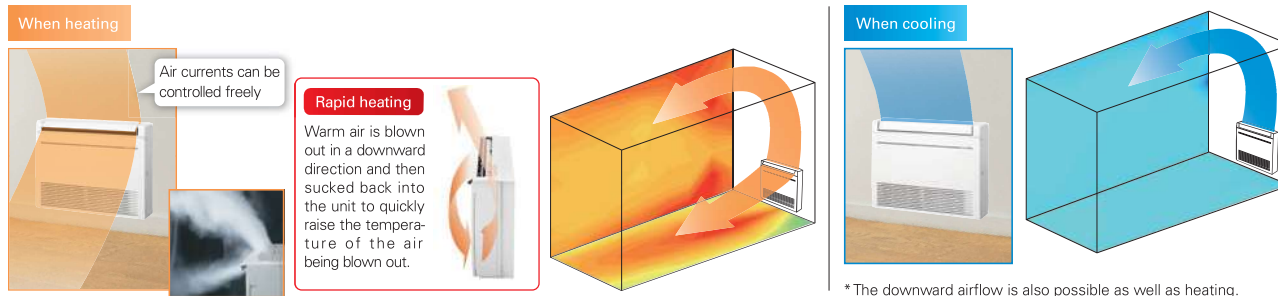
New Line-up

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.



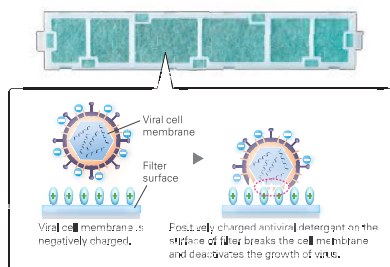
Weekly Timer (Introduced in Response to Market Demand)

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



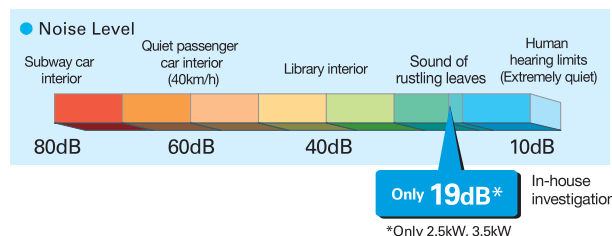
V Blocking Filter with antiviral effect inhibits 99% of adhered virus, and other harmful substances, such as bacteria, mold and allergen. Two-layered filter with non-woven fabric and electrostatic capture and remove small particles from the air in your room.



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



MFZ-KT25/35/50/60VG

Outdoor Unit



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 ^(*)					
Power Supply		Outdoor power supply 230 / Single / 50					
Cooling	Design load	kW	2.5	3.5	5.0	6.1	
	Annual electricity consumption ⁽²⁾	kWh/a	134	185	257	343	
	SEER ^{(4), (5)}		6.5	6.6	6.8	6.2	
	Capacity	Energy efficiency class		A ⁺⁺	A ⁺⁺	A ⁺⁺	A ⁺⁺
		Rated	kW	2.5	3.5	5.0	6.1
Total Input	Min-Max	kW	1.6 - 3.2	0.9 - 3.9	1.2 - 5.6	1.7 - 6.3	
	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 ⁽²⁾	kWh/a	732	825	1423	1568	
	SCOP ^{(4), (5)}		4.2	4.4	4.2	4.1	
	Capacity	Energy efficiency class		A ⁺	A ⁺	A ⁺	A ⁺
Rated		kW	3.4	4.3	6.0	7.0	
Total Input	Min-Max	kW	1.3 - 4.2	1.1 - 5.0	1.5 - 7.2	1.6 - 8.0	
	Rated	kW	0.91	1.26	1.86	2.18	
Operating Current (Max)							
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	70	87	14.0	15.4
	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 ⁽³⁾)	Cooling	m ³ /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	m ³ /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 ⁽³⁾)	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
	Outdoor Unit	Dimensions	H*W*D	mm	550-800-285	550-800-285	714-800-285
Weight			kg	30	35	41	54
Air Volume		Cooling	m ³ /min	36.3	34.3	45.8	50.1
		Heating	m ³ /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
		Heating	dB(A)	59	59	64	65
Operating Current(Max)		A		7	9	14	15
		Breaker Size	A	10	10	20	20
Ext. Piping	Diameter	Liquid/Gas	mm	6.35 / 9.52	6.35 / 9.52	6.35 / 12.7	6.35 / 15.88
	Max.Length	Out-In	m	20	20	30	30
		Max.Height	Out-In	m	12	12	30
Guaranteed Operating Range [Outdoor]	Cooling	°C	-10 ~ +46	-10 ~ +46	-15 ~ +46	-15 ~ +46	
	Heating	°C	-10 ~ +24	-10 ~ +24	-10 ~ +24	-10 ~ +24	

(*) 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 675. This means that if 1 kg of this refrigerant fluid would be leaked to the atmosphere, the impact on global warming would be 675 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 R32 is 675 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.

MFZ-KW SERIES



Indoor Unit



MFZ-KW25/35/50/60VG



Outdoor Unit



MUFZ-KW25/35VGHZ



MUFZ-KW50/60VGHZ

Remote Controller



Type		Inverter Heat Pump					
Indoor Unit		MFZ-KW25VG	MFZ-KW35VG	MFZ-KW50VG	MFZ-KW60VG		
Outdoor Unit		MUFZ-KW25VGHZ	MUFZ-KW35VGHZ	MUFZ-KW50VGHZ	MUFZ-KW60VGHZ		
Refrigerant		R32 ^{(*)1}					
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 ^{(*)2}	kWh/a	103	151	255	316	
	SEER ^{(*)4}		8.5	8.1	6.8	6.7	
	Capacity	Energy Efficiency Class		A+++	A++	A+	A+
		Rated	kW	2.5	3.5	5.0	6.1
	Total Input	Rated	kW	0.7 - 3.6	0.7 - 4.3	1.0 - 5.8	1.0 - 6.5
Heating (Average Season)	Design Load	kW	3.5	3.6	4.5	4.8	
	Declared Capacity	at reference design temperature	kW	3.5 (-10°C)	3.6 (-10°C)	4.5 (-10°C)	4.8 (-10°C)
		at bivalent temperature	kW	3.5 (-10°C)	3.6 (-10°C)	4.5 (-10°C)	4.8 (-10°C)
		at operation limit temperature	kW	2.6 (-25°C)	2.6 (-25°C)	4.0 (-25°C)	4.0 (-25°C)
	Back Up Heating Capacity	kW	0.0 (-10°C)	0.0 (-10°C)	0.0 (-10°C)	0.0 (-10°C)	
	Annual Electricity Consumption ^{(*)2}	kWh/a	1188	1211	1500	1624	
	SCOP ^{(*)4}		4.1	4.1	4.2	4.1	
	Capacity	Energy Efficiency Class		A+	A+	A+	A+
		Rated	kW	3.4	4.3	6.0	6.5
	Total Input	Rated	kW	0.2 - 5.1	0.2 - 6.0	1.2 - 8.4	1.2 - 9.0
Operating Current (max)		A	9.9	10.3	15.3	15.4	
Indoor Unit	Input (Cooling/Heating)	Rated	kW	0.019/0.025	0.019/0.025	0.026/0.052	0.063/0.059
	Operating Current (max)		A	0.22	0.22	0.47	0.55
	Dimensions	H*W*D	mm	600 - 750 - 215			
	Weight		kg	15	15	15	15
	Air Volume (SLo-Lo-Mid-Hi-SHi ^{(*)3})	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	5.6 - 8.0 - 9.6 - 12.3 - 15.0
		Heating	m ³ /min	3.5 - 5.1 - 6.2 - 7.7 - 9.7	3.5 - 5.1 - 6.2 - 7.7 - 9.7	6.0 - 7.4 - 9.4 - 11.6 - 14.0	6.0 - 7.7 - 9.7 - 12.5 - 14.6
	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	27 - 35 - 39 - 46 - 53
		Heating	dB(A)	18 - 25 - 30 - 35 - 41	18 - 25 - 30 - 35 - 41	29 - 35 - 40 - 45 - 50	29 - 35 - 41 - 47 - 51
	Sound Level (PWL)		dB(A)	49	50	56	65
	Outdoor Unit	Dimensions	H*W*D	mm	550 - 800 - 285	880 - 840 - 330	
Weight			kg	35	35	54	54
Air Volume		Cooling	m ³ /min	32.7	32.7	43.8	48.8
		Heating	m ³ /min	27.3	27.3	46.3	51.3
Sound Level (SPL)		Cooling	dB(A)	47	47	50	52
		Heating	dB(A)	46	47	54	56
Sound Level (PWL)		Cooling	dB(A)	61	61	65	66
Operating Current (max)			A	9.6	10.0	14.8	14.8
Breaker Size		A	10	12	16	16	
Ext. Piping	Diameter	Liquid / Gas	mm	6.35 / 9.52	6.35 / 9.52	6.35 / 12.7	6.35 / 12.7
	Max. Length	Out-In	m	20	30	30	30
	Max. Height	Out-In	m	12	12	15	15
Guaranteed Operating Range (Outdoor)	Cooling	°C	-10 ~ +46	-10 ~ +46	-10 ~ +46	-10 ~ +46	
	Heating	°C	-25 ~ +24	-25 ~ +24	-25 ~ +24	-25 ~ +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 675. This means that if 1 kg of this refrigerant fluid would be leaked to the atmosphere, the impact on global warming would be 675 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 R32 is 675 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".