

MFZ-KT SERIES



Indoor Unit



MFZ-KT25/35/50/60VGK

Outdoor Unit



SUZ-M25/35VA2



SUZ-M50VA2



SUZ-M60VA2

Remote Controller



Enclosed in MFZ-KT



*optional



*optional



*optional



Type			Inverter Heat Pump					
Indoor Unit			MFZ-KT25VGK	MFZ-KT35VGK	MFZ-KT50VGK	MFZ-KT60VGK		
Outdoor Unit			SUZ-M25VA2	SUZ-M35VA2	SUZ-M50VA2	SUZ-M60VA2		
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	134	185	257	343		
	SEER ^(3,4)		6.5	6.6	6.8	6.2		
	Capacity	Energy efficiency class	A++					
		Rated	kW	2.5	3.5	5.0	6.1	
		Min-Max	kW	1.6 - 3.2	0.9 - 3.9	1.2 - 5.6	1.7 - 6.3	
Heating (Average Season)	Total Input	Rated	kW	0.62	1.06	1.55	1.84	
	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 ^{(5),(6)}		4.2	4.4	4.2	4.1		
	Capacity	Energy efficiency class	A+					
		Rated	kW	3.4	4.3	6.0	7.0	
	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	70	8.7	14.0	15.4		
Indoor Unit	Input	Rated	kW	0.020 / 0.024		0.037 / 0.052		
	Operating Current(Max)	A	0.27		0.45			
	Dimensions	H*W*D	mm				600-750-215	
	Weight	kg	14.5				15.0	
	Air Volume	Cooling	m³/min	3.9 - 4.8 - 6.5 - 7.8 - 8.9		5.6 - 6.7 - 8.6 - 10.4 - 12.3		
		Heating	m³/min	3.5 - 4.0 - 5.6 - 7.3 - 9.7		6.0 - 7.7 - 9.4 - 11.6 - 14.0		
	Sound Level (SPL)	Cooling	dB(A)	19 - 24 - 31 - 37 - 41		28 - 32 - 37 - 42 - 48		
		Heating	dB(A)	19 - 23 - 30 - 37 - 44		29 - 35 - 40 - 44 - 49		
	Sound Level (PWL)	Cooling	dB(A)	54		60		
		Heating	dB(A)	59		65		
Outdoor Unit	Dimensions	H*W*D	mm		550-800-285		714-800-285	880-840-300
	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	64	65	65	
	Operating Current(Max)	A	7	9	14	15		
	Breaker Size	A	10		20			
	Ext. Piping	Diameter	Liquid/Gas	mm	6.35 / 9.52		6.35 / 12.7	
Max.Length		Out-In	m	20		30		
Max.Height		Out-In	m	12		30		
Guaranteed Operating Range [Outdoor]		Cooling	°C	-10 ~ +46		-15 ~ +46		
		Heating	°C	-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 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) SH: 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) No 2019/2021.