

# MFZ-KT SERIES



Indoor Unit **R32** **R410A**  
PUMY



MFZ-KT25/35/50/80VGK

Outdoor Unit **R32**

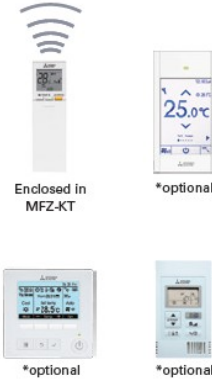


SUZ-M25/35VA2

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-KT80VGK				
Outdoor Unit	SUZ-M25VA2	SUZ-M35VA2	SUZ-M50VA2	SUZ-M60VA2				
Refrigerant	R32 <sup>(1)</sup>							
Power Supply	Outdoor power supply 230 / Single / 50							
Cooling	Design load	kW	2.5	3.5	5.0	6.1		
	Annual electricity consumption <sup>(2)</sup>	kWh/a	134	185	257	343		
	SEER <sup>(3)(4)</sup>		6.5	6.6	6.8	6.2		
	Energy efficiency class		A <sup>++</sup>					
	Capacity	Rated	kW	2.5	3.5	5.0	6.1	
Heating (Average Season)	Energy efficiency class		A <sup>+</sup>					
	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	Rated	kW	0.2	0.3	0.5	0.5	
	Annual electricity consumption <sup>(2)</sup>	kWh/a	732	825	1423	1568		
	SCOP <sup>(4)(5)</sup>		4.2	4.4	4.2	4.1		
	Energy efficiency class		A <sup>+</sup>					
	Capacity	Rated	kW	3.4	4.3	6.0	7.0	
	Operating Current (Max)	Input		Rated	kW	0.020 / 0.024	0.037 / 0.052	0.063 / 0.059
Operating Current(Max)		Rated	A	0.27	0.45	0.55		
Dimensions		H*W*D	mm	600-750-215				
Weight			kg	14.5				
Indoor Unit		Air Volume (SLo-Lo-Mid-Hi-SHi) <sup>(6)</sup>	Cooling	m <sup>3</sup> /min	3.9 - 4.8 - 6.5 - 7.8 - 8.9		5.6 - 6.7 - 8.6 - 10.4 - 12.3	
			Heating	m <sup>3</sup> /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	
Dimensions		H*W*D	mm	550-800-285				
Outdoor Unit		Air Volume	Cooling	m <sup>3</sup> /min	30	35	41	54
			Heating	m <sup>3</sup> /min	36.3	34.3	45.8	50.1
		Sound Level (SPL)	Cooling	dB(A)	34.6	32.7	43.7	50.1
			Heating	dB(A)	45	48	48	49
	Sound Level (PWL)	Cooling	dB(A)	46	48	49	51	
		Heating	dB(A)	46	48	49	51	
Operating Current(Max)		Rated	A	7	9	14		
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 875. This means that if 1 kg of this refrigerant fluid would be leaked to the atmosphere, the impact on global warming would be 875 times higher than 1 kg of CO<sub>2</sub>, 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) No208/2012.