

# 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 <sup>(*)</sup>	R32 <sup>(*)</sup>	R32 <sup>(*)</sup>	R32 <sup>(*)</sup>	
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 <sup>(2)</sup>		kWh/a	134	185	257	343	
	SEER <sup>(4)</sup>			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	
	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 <sup>(2)</sup>		kWh/a	732	825	1423	1568	
	SCOP <sup>(4)</sup>			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	7.0	8.7	14.0	15.4	
Indoor Unit	Input		Rated	kW	0.020 / 0.024	0.020 / 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	
	Weight		kg	14.5	14.5	14.5	15.0	
	Air Volume (SLo-Lo-Mid-Hi-SHi <sup>(3)</sup> )	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 <sup>(3)</sup> )	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	6.35 / 15.88	
	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	-15 ~ +46	-15 ~ +46	
[Outdoor]			Heating	°C	-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 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<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 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".