

MFZ-KJ SERIES



Indoor Unit

R410A



MFZ-KJ25/35/50VE2

Outdoor Unit

R410A



MUFG-KJ25/35VE



MUFG-KJ50VE

Remote Controller



Type		Inverter Heat Pump				
Indoor Unit		MFZ-KJ25VE2	MFZ-KJ35VE2	MFZ-KJ50VE2		
Outdoor Unit		MUFG-KJ25VE	MUFG-KJ35VE	MUFG-KJ50VE		
Refrigerant		R410A ^(*)	R410A ^(*)	R410A ^(*)		
Power Supply		Outdoor power supply				
		230 / Single / 50				
Cooling	Design load	kW	2.5	3.5	5.0	
	Annual electricity consumption ⁽²⁾	kWh/a	102	150	266	
	SEER ⁽⁴⁾		8.5	8.1	6.5	
	Capacity	Energy efficiency class		A+++	A++	A+
		Rated	kW	2.5	3.5	5.0
Total Input	Min-Max	kW	0.5 - 3.4	0.5 - 3.7	1.6 - 5.7	
	Rated	kW	0.540	0.940	1.410	
Heating (Average Season)	Design load	kW	3.4(-10°C)	3.5(-10°C)	4.4(-10°C)	
	Declared Capacity	at reference design temperature	kW	3.4(-10°C)	3.5(-10°C)	4.4(-10°C)
		at bivalent temperature	kW	3.4(-10°C)	3.5(-10°C)	4.4(-10°C)
		at operation limit temperature	kW	2.4(-15°C)	2.9(-15°C)	6.0(-15°C)
	Back up heating capacity	kW	0.0(-10°C)	0.0(-10°C)	0.0(-10°C)	
	Annual electricity consumption ⁽²⁾	kWh/a	1059	1110	1406	
	SCOP ⁽⁴⁾		4.5	4.4	4.3	
	Capacity	Energy efficiency class		A+	A+	A+
		Rated	kW	3.4	4.3	6.0
	Total Input	Min-Max	kW	1.2 - 4.6	1.2 - 5.5	2.2 - 8.2
Rated		kW	0.770	1.100	1.610	
Operating Current (Max)						
Indoor Unit	Input	Rated	kW	0.016	0.016	
	Operating Current(Max)		A	0.17	0.17	
	Dimensions	H*W*D	mm	600-750-215	600-750-215	
	Weight		kg	15	15	
	Air Volume	Cooling	m ³ /min	3.9 - 4.9 - 5.9 - 7.1 - 8.2	3.9 - 4.9 - 5.9 - 7.1 - 8.2	
		Heating	m ³ /min	3.9 - 5.1 - 6.2 - 7.7 - 9.7	3.9 - 5.1 - 6.2 - 7.7 - 9.7	
	Sound Level (SPL)	Cooling	dB(A)	20 - 25 - 30 - 35 - 39	20 - 25 - 30 - 35 - 39	
		Heating	dB(A)	19 - 25 - 30 - 35 - 41	19 - 25 - 30 - 35 - 41	
	Sound Level (PWL)	Cooling	dB(A)	49	50	
		Heating	dB(A)	56	56	
Outdoor Unit	Dimensions	H*W*D	mm	550-800-285	550-800-285	
	Weight		kg	37	37	
	Air Volume	Cooling	m ³ /min	31.3	31.3	
		Heating	m ³ /min	33.6	33.6	
	Sound Level (SPL)	Cooling	dB(A)	46	47	
		Heating	dB(A)	51	51	
	Sound Level (PWL)	Cooling	dB(A)	59	60	
		Heating	dB(A)	63	63	
	Operating Current(Max)		A	9.2	9.2	
	Breaker Size		A	10	10	
Ext. Piping	Diameter	Liquid/Gas	mm	6.35/9.52	6.35/9.52	
	Max.Length	Out-In	m	20	20	
	Max.Height	Out-In	m	12	12	
Guaranteed Operating Range	Cooling	°C	-10 ~ +46	-10 ~ +46		
	Heating	°C	-15 ~ +24	-15 ~ +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 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⁾ 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".