

MFZ-KJ SERIES



Indoor Unit



MFZ-KJ25/35/50VE



Outdoor Unit



MUFZ-KJ25/35VE



MUFZ-KJ50VE

Remote Controller



Type		Inverter Heat Pump						
Indoor Unit		MFZ-KJ25VE		MFZ-KJ35VE		MFZ-KJ50VE		
Outdoor Unit		MUFZ-KJ25VE		MUFZ-KJ35VE		MUFZ-KJ50VE		
Refrigerant		R410A ^{(*)1}		R410A ^{(*)1}		R410A ^{(*)1}		
Power Supply		Source		Outdoor power supply				
		Outdoor(V/Phase/Hz)		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	0.038		
	Operating Current(Max)		A	0.17	0.17	0.34		
	Dimensions	H*W*D	mm	600-750-215	600-750-215	600-750-215		
	Weight		kg	15	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	5.6 - 6.7 - 8.0 - 9.3 - 10.6		
		Heating	m ³ /min	3.9 - 5.1 - 6.2 - 7.7 - 9.7	3.9 - 5.1 - 6.2 - 7.7 - 9.7	6.0 - 7.4 - 9.4 - 11.6 - 14.0		
	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		
		Heating	dB(A)	19 - 25 - 30 - 35 - 41	19 - 25 - 30 - 35 - 41	29 - 35 - 40 - 45 - 50		
	Sound Level (PWL)	Cooling	dB(A)	49	50	56		
		Heating	dB(A)	49	50	56		
Outdoor Unit	Dimensions	H*W*D	mm	550-800-285	550-800-285	880-840-330		
	Weight		kg	37	37	55		
	Air Volume	Cooling	m ³ /min	31.3	31.3	45.8		
		Heating	m ³ /min	33.6	33.6	45.8		
	Sound Level (SPL)	Cooling	dB(A)	46	47	49		
		Heating	dB(A)	51	51	51		
	Sound Level (PWL)	Cooling	dB(A)	59	60	63		
		Heating	dB(A)	59	60	63		
	Operating Current(Max)		A	9.2	9.2	13.6		
	Breaker Size		A	10	10	16		
Ext. Piping	Diameter	Liquid/Gas	mm	6.35/9.52	6.35/9.52	6.35/12.7		
	Max.Length	Out-In	m	20	20	30		
	Max.Height	Out-In	m	12	12	15		
Guaranteed Operating Range [Outdoor]	Cooling	°C	-10 ~ +46	-10 ~ +46	-10 ~ +46			
	Heating	°C	-15 ~ +24	-15 ~ +24	-15 ~ +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 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.

(*)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".