

Mr. SLIM™

M-Series | MFZ-KJ



OVERVIEW

Find superior comfort with Mitsubishi Electric's brand new floor mounted unit. Using RapidHeat technology, it can heat your room twice as fast*, providing unparalleled heating performance in Canadian winters. This sleek model operates at barely a whisper and with maximum energy efficiency. Every model is ENERGY STAR® certified!

*Compared to previous model and when "Two-Flow" mode is selected



Indoor unit
MFZ-KJ09/12/15/18NA



Outdoor unit
MUFZ-KJ09/12NAHZ



Outdoor unit
MUFZ-KJ15/18NAHZ

SLEEK DESIGN

The sophisticated design features clean, sharp lines. It can be installed with a base or recessed into a wall for dramatically reduced depth (215mm to 145mm). Compact and unobtrusive, it's the perfect heating and cooling solution for new and renovated spaces.

LOW-AMBIENT HEATING

MFZ-KJ series is equipped with our exclusive Hyper-Heat technology to provide you exceptional heating performance down to -25°C and beyond. This means continually operating during even the coldest Canadian winters, all while still keeping you cool during those summer heat waves. With such exceptional heating and cooling performance to keep you comfortable year-round, you might forget about the weather outside.



*includes tolerance. Typical units can operate in heating mode down to -27°C depending on conditions.



← 215mm →
Non recessed



← 145mm →
Recessed with base removed



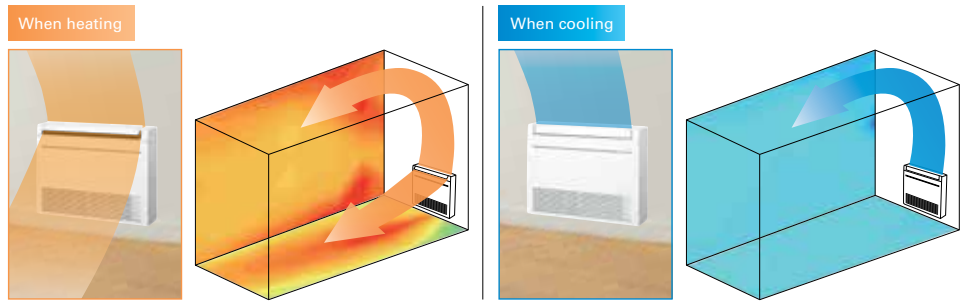
*When installed by an Authorized HVAC (Heating, Ventilating, and Air Conditioning) Installer.



R-410A
OZONE-FRIENDLY
REFRIGERANT

MULTI VANE FLOW

The MZF-KJ has two uniquely shaped vanes designed for optimum airflow, providing complete customization. While heating, the multi vane flow function releases warm air upward and downward simultaneously, heating the whole room and eliminating drafts.

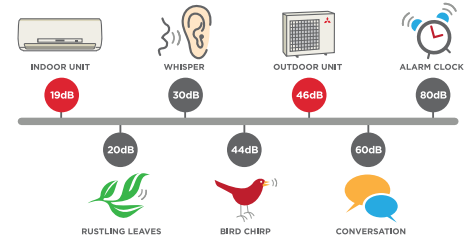


RAPID HEATING

Reach the perfect room temperature faster than ever with MFZ-KJ and new RapidHeat Technology. At start-up, RapidHeat is activated and releases warm air in a downward direction. Then, the warm air is recirculated through the unit, heating it a second time before releasing to the room for quick and total warmth.

SUPER QUIET

By using a larger fan motor, the MFZ-KJ not only increases heating efficiencies, but enables the unit to be the quietest floor mounted heat pump on the market today. Quieter than a whisper, it starts from just 21dBA and is so quiet you may not even notice it's on.



MODEL	Indoor Unit		MFZ-KJ09NA	MFZ-KJ12NA	MFZ-KJ15NA	MFZ-KJ18NA
	Outdoor Unit		MUFZ-KJ09NAHZ	MUFZ-KJ12NAHZ	MUFZ-KJ15NAHZ	MUFZ-KJ18NAHZ
Capacity (Rated)	Cooling	Btu/h	9,000	12,000	15,000	17,000
Capacity (Min ~ Max)		Btu/h	2,300 ~ 14,000	2,300 ~ 14,000	5,300 ~ 19,000	5,300 ~ 22,500
Capacity (Rated)	Heating @ 47°F	Btu/h	11,000	13,000	18,000	21,000
Capacity (Min ~ Max)		Btu/h	2,900 ~ 19,000	2,900 ~ 22,800	5,700 ~ 25,000	5,700 ~ 29,000
Capacity (Rated)	Heating @ 17°F	Btu/h	7,500	8,800	12,000	12,800
Capacity (Max)		Btu/h	13,400	14,800	20,500	23,000
Capacity (Max.)	Heating @ 5°F	Btu/h	11,000	13,000	18,000	21,000
Power Consumption	Cooling	W	570 (180 ~ 1,250)	890 (180 ~ 1,380)	1,120 (420 ~ 1,850)	1,350 (420 ~ 2,320)
Rated (Min ~ Max)	Heating @ 47°F	W	750 (270 ~ 2,370)	900 (270 ~ 2,390)	1,410 (480 ~ 3,410)	1,730 (480 ~ 3,430)
Rated (Max)	Heating @ 17°F	W	810 (1,860)	930 (1,890)	1,300 (3,190)	1,430 (3,210)
EER	Cooling		15.8	13.6	13.5	12.6
SEER	Cooling		28.2	25.5	21.8	21.0
HSPF (IV)	Heating		13.0	12.0	11.6	11.3
Capacity Control	Variable Speed Compressor					
Refrigerant	R-410A					
Power Supply	V, Phase, Hz		208/230, 1, 60			
Airflow (Quiet-Lo-Med-Hi-SuperHi)	CFM Dry		138-198-272-360-417	138-198-272-360-417	198-254-311-392-431	198-254-328-420-491
Sound Indoor (Quiet-Lo-Med-Hi-SuperHi)	Cooling	dB(A)	21-27-34-41-46	21-27-34-41-46	28-33-38-43-47	28-33-39-45-50
Sound Outdoor	Cooling	dB(A)	48	48	51	51
Max. Fuse Size	Indoor	A	15	15	20	20
(Time Delay)	Outdoor	A	15	15	20	20
Min. Ampacity	Indoor	A	1.0	1.0	1.0	1.0
	Outdoor	A	11	11	16	16
Fan Speed Control	7 (Auto, Powerful, SuperHi, Hi, Med, Low, Quiet)					
Horizontal Airflow Direction	Manual					
Vertical Airflow Direction	Auto, Manual, Swing, 1-Flow, 2-Flows					
Air Filters (Washable)	Nano Platinum Air Filter					
Dimension	Indoor	in.	23-5/8 x 29-17/32 x 8-15/32			
(H x W x D)	Outdoor	in.	21-5/8 x 31-1/2 x 11-1/4		34-5/8 x 33-1/16 x 13	
Weight	Indoor	lbs.	33	33	33	33
	Outdoor	lbs.	83	83	124	124
Pipe Size	Liq. X Gas	in.	1/4 x 3/8		1/4 x 1/2	
Max. Height Difference	Ft.		40		50	
Max. Pipe Length	Ft.		65		100	
Outdoor Operating Range	Cooling		14 - 115°FDB			
	Heating		-13 - 75°FDB (-14 - 65°FWB)			
Control Features	Econo Cool • Powerful Mode • Smart Set • Sleep Mode • 1 or 2 Airflows • Weekly Timer					