### **Product Information**

## Air Conditioning

MFZ-KJ R410A Inverter Heat Pump Floor Mounted System

Making a World of Difference

Mseries



The **MFZ-KJ Series** is extremely versatile and is designed for wall attached installation at floor level.

The auto swing vane provides a more natural and comfortable airflow throughout the room and the lightweight, compact design makes installation easy. To aid control and energy saving, the controller has an in built 7 day timeclock.

#### **Key Features**

- Simple flat asymmetrical design that harmonises with all types of interiors
- Swing vane mode with autovane shutter
- Optimum air distribution through the use of three uniquely shaped vanes





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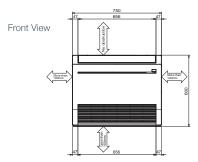


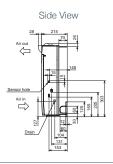
MFZ-KJ - INDOOR UNITS		MFZ-KJ25VE2	MFZ-KJ35VE2	MFZ-KJ50VE2
CAPACITY (kW)	Heating (nominal)	3.4 (1.2-4.6)	4.3 (1.2-5.5)	6.0 (2.2-8.2)
	Cooling (nominal)	2.5 (0.5-3.4)	3.5 (0.5-3.7)	5.0 (1.6-5.7)
	Heating (UK)	2.85 (0.75-4.25)	3.3 (0.75-5.15)	5.0 (1.8-6.8)
	Cooling (UK)	2.5 (0.9-3.35)	3.47 (0.9-3.85)	4.75 (5.58-5.65)
SHF (nominal)		0.66	0.65	0.63
COP / EER (nominal)		4.42 / 4.63	3.91 / 3.72	3.73 / 3.55
SCOP / SEER (BS EN14825)		4.5 / 8.5	4.4 / 7.8	4.3 / 6.5
ErP ENERGY EFFICIENCY CLASS	Heating/Cooling	A+ / A+++	A+ / A++	A+ / A++
AIRFLOW (I/s)	Heating - Lo-Mi-Hi-SHi	83-103-127-157	87-103-130-158	100-123-157-193-233
	Cooling - Lo-Mi-Hi-SHi	80-97-118-148	83-102-123-152	93-112-133-155-177
PIPE SIZE mm (in)	Gas	9.52 (3/8")	9.52 (3/8")	12.7 (1/2")
	Liquid	6.35 (1/4")	6.35 (1/4")	6.35 (1/4")
SOUND PRESSURE LEVEL (dBA)	Heating/Cooling - SLo-Lo-Mi-Hi-SHi	19-25-30-35-41 / 20-25-30-35-39	19-25-30-35-41 / 20-25-30-35-39	29-35-40-45-50 / 27-31-35-39-44
SOUND POWER LEVEL (dBA)		49	50	56
DIMENSIONS (mm)	Width x Depth x Height	750 x 215 x 600	750 x 215 x 600	750 x 215 x 600
WEIGHT (kg)		15	15	15
ELECTRICAL SUPPLY		Fed by Outdoor Unit	Fed by Outdoor Unit	Fed by Outdoor Unit
FUSE RATING (BS88) - HRC (A)		6	6	6
INTERCONNECTING CABLE No. CORES		4	4	4

MUFZ-KJ - OUTDOOR UNITS		MUFZ-KJ25VE	MUFZ-KJ35VE	MUFZ-KJ50VE
SOUND PRESSURE LEVEL (dBA)	Heating/Cooling	51 / 46	51 / 47	51 / 49
SOUND POWER LEVEL (dBA)	Cooling	59	60	63
WEIGHT (kg)		37	37	55
DIMENSIONS (mm)	Width x Depth x Height	800 x 285 x 550	800 x 285 x 550	840 x 330 x 880
ELECTRICAL SUPPLY		220-240v, 50Hz	220-240v, 50Hz	220-240v, 50Hz
PHASE		Single	Single	Single
SYSTEM POWER INPUT (kW)	Heating/Cooling (nominal)	0.77 / 0.54	1.11 / 0.94	1.61 / 1.41
	Heating/Cooling (UK)	0.70 / 0.43	1.01 / 0.74	1.47 / 1.11
STARTING CURRENT (A)		3.60	5.1	7.1
SYSTEM RUNNING CURRENT (A)	Heating/Cooling [MAX]	3.6 / 2.7 [9.4]	5.1 / 4.2 [9.4]	7.1 / 6.2 [14.0]
FUSE RATING (BS88) – HRC (A)		10	10	20
MAINS CABLE No. CORES		3	3	3
MAX PIPE LENGTH (m)		20	20	30
MAX HEIGHT DIFFERENCE (m)		12	12	15
CHARGE REFRIGERANT (KG) / CO <sub>2</sub> EQUIVALENT (T) - R410A (GWP 2088) - 7M		1.10 / 2.30	1.10 / 2.30	1.50 / 3.14
MAX ADDITIONAL REFRIGERANT (KG) / CO <sub>2</sub> EQUIVALENT (T) - R410A (GWP 2088)		0.39 / 0.82	0.39 / 0.82	0.46 / 0.97

#### PRODUCT DIMENSIONS









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The fuse rating is for guidance only. Please refer to the relevant databook for detailed specification. It is the responsibility of a qualified electrician/electrical engineer to select the correct cable size and fuse rating based on current regulation tespecific conditions. Missuisini Electric's air conditioning equipment and heat pump systems contain a fluorinated greenhouse gas, R410A, (MP-2088), R2C (MP-975), R407C (GWP-1774) or R154a (GWP-1403). These GWP are based on Pagicalation (EU) No ST/2014 from (PCC 414 edition. In case of Pagicalation (EU) No ST/2014 from (PCC 4144 (GWP-1014) (GWP-1014).





Mitsubishi Electric UK's commitment to the environment





Gateway



















