Air Conditioning

Product Information

MFZ-KJ50VE : Inverter Heat Pump

R410A Floor Mounted System





This 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.



FEATURES

























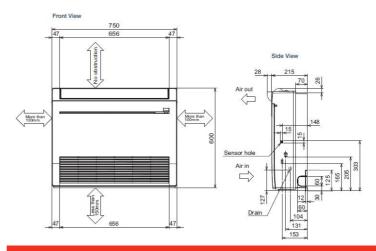


Cooling Capacity (kW) (nominal)	INDOOR	
Heating Capacity (kW) (UK)	Heating Capacity (kW) (nominal)	6 (2.2 - 8.2)
Cooling Capacity (kW) (UK) 4.75 (1.58 - 5.68 SHF (nominal and UK) 0.6 COP / EER (nominal and UK) 3.73 / 3.5 SCOP / SEER 4.3 / 6. Energy Label (nominal) A+ / A+ A+ A+ (A+ A+ (A+ (A+ (A+ (A+ (A+ (A+	Cooling Capacity (kW) (nominal)	4.8 (1.6 - 5.7)
SHF (nominal and UK) COP / EER (nominal) SCOP / SEER 4.3 / 6. Energy Label (nominal) A+ / A+ Airflow (m³/min) (Heating) - Lo-Mi-Hi-SupHi 6 - 7.4 - 9.4 - 1. Airflow (m³/min) (Cooling) - Lo-Mi-Hi-SupHi 5.6 - 6.7 - 8 - 10. Pipe Size Gas (mm [in]) 12.7 (1/2' Pipe Size Liquid (mm ([in]) 6.35 (1/4' Sound Pressure Level (dBA) Heating - Lo-Mi-Hi-SupHi Sound Pressure Level (dBA) Cooling - Lo-Mi-Hi-SupHi Sound Power Level (dBA) Cooling - Lo-Mi-Hi-SupHi Sound Power Level (dBA) Cooling - Sound Power Level (dBA) Cooling - Dimensions (mm) Width x Depth x Height 750 x 215 x 60 Weight (kg) 1 Electrical Supply FED BY OUTDOOR UNI Phase SINGLI Fuse Rating (BS88) - HRC (A) Interconnecting Cable No. Cores OUTDOOR Sound Power Level (dBA) Cooling 6 Weight (kg) 5 Dimensions (mm) Width x Depth x Height 840 x 330 x 88 Electrical Supply Phase SINGLI System Power Input (kW) - Heating / Cooling (IVK) Starting Current (A) 7. System Power Input (kW) - Heating / Cooling (UK) Starting Current (A) 7. System Running Current (A) [MAX] - Heating / Cooling Fuse Rating (BS88) - HRC (A) Mains Cable No. Cores Max Pipe Length (m) 3 Max Height Difference (m)	Heating Capacity (kW) (UK)	4.98 (1.82 - 6.81)
COP / EER (nominal) 3.73 / 3.5	Cooling Capacity (kW) (UK)	4.75 (1.58 - 5.65)
SCOP / SEER	SHF (nominal and UK)	0.63
Energy Label (nominal) A+ / A+ Airflow (m³/min) (Heating) - Lo-Mi-Hi-SupHi 6 - 7.4 - 9.4 - 1 Airflow (m³/min) (Cooling) - Lo-Mi-Hi-SupHi 5.6 - 6.7 - 8 - 10. Pipe Size Gas (mm [in]) 12.7 (1/2) Pipe Size Liquid (mm ([in]) 6.35 (1/4) Sound Pressure Level (dBA) Heating - 32 - 35 - 39 - 4 Lo-Mi-Hi-SupHi Sound Pressure Level (dBA) Cooling - 29 - 35 - 40 - 5 Lo-Mi-Hi-SupHi Sound Power Level (dBA) Cooling 5 Lo-Mi-Hi-SupHi Sound Power Level (dBA) Cooling 5 Dimensions (mm) Width x Depth x Height 750 x 215 x 60 Weight (kg) 1 Electrical Supply FED BY OUTDOOR UNIT Phase SINGLI Fits Rating (BS88) - HRC (A) Interconnecting Cable No. Cores OUTDOOR Sound Pressure Level (dBA) Cooling 5 Sound Power Level (dBA) Cooling 6 Weight (kg) 5 Dimensions (mm) Width x Depth x Height 840 x 330 x 88 Electrical Supply 220-240V, 50H. Phase SINGLI System Power Input (kW) - Heating / Cooling 1.86 / 1.5 (nominal) System Power Input (kW) - Heating / Cooling 1.86 / 1.5 (nominal) System Power Input (kW) - Heating / Cooling 1.46 / 1.1 (UK) Starting Current (A) 7. System Running Current (A) [MAX] - Heating / 7.1 / 6.2 [16.2 (Cooling 1.86 / 1.5 (Coo	COP / EER (nominal)	3.73 / 3.55
Airflow (m³/min) (Heating) - Lo-Mi-Hi-SupHi 6 - 7.4 - 9.4 - 1 Airflow (m³/min) (Cooling) - Lo-Mi-Hi-SupHi 5.6 - 6.7 - 8 - 10. Pipe Size Gas (mm [in]) 12.7 (1/2) Pipe Size Liquid (mm ([in]) 6.35 (1/4) Sound Pressure Level (dBA) Heating - 32 - 35 - 39 - 4 Lo-Mi-Hi-SupHi Sound Pressure Level (dBA) Cooling - 29 - 35 - 40 - 5 Lo-Mi-Hi-SupHi Sound Power Level (dBA) Cooling 5 Dimensions (mm) Width x Depth x Height 750 x 215 x 60 Weight (kg) 1 Electrical Supply FED BY OUTDOOR UNIT Phase SINGLE Fuse Rating (BS88) - HRC (A) Interconnecting Cable No. Cores OUTDOOR Sound Pressure Level (dBA) Cooling 6 Sound Power Level (dBA) Cooling 7 Sound Power Level (dBA) Cooling 8 Electrical Supply 8 Single Sund Pressure Level (dBA) Cooling 9 Weight (kg) 5 Dimensions (mm) Width x Depth x Height 840 x 330 x 88 Electrical Supply 220-240V, 50H; Phase SINGLE System Power Input (kW) - Heating / Cooling 1.86 / 1.5 (nominal) System Power Input (kW) - Heating / Cooling 1.46 / 1.1 (UK) Starting Current (A) 7. System Running Current (A) [MAX] - Heating / 7.1 / 6.2 [16.2 (Cooling Fuse Rating (BS88) - HRC (A) 22 (Mains Cable No. Cores Max Pipe Length (m) 3 (Max Height Difference (m) 1.1	SCOP / SEER	4.3 / 6.5
Airflow (m³/min) (Cooling) - Lo-Mi-Hi-SupHi 5.6 - 6.7 - 8 - 10. Pipe Size Gas (mm [in]) 12.7 (1/2' Pipe Size Liquid (mm ([in]) 6.35 (1/4' Sound Pressure Level (dBA) Heating - 32 - 35 - 39 - 4 Lo-Mi-Hi-SupHi 50und Pressure Level (dBA) Cooling - 29 - 35 - 40 - 5 Lo-Mi-Hi-SupHi 50und Pressure Level (dBA) Cooling - 5 Dimensions (mm) Width x Depth x Height 750 x 215 x 60 Weight (kg) 1 Electrical Supply FED BY OUTDOOR UNITY Phase SINGLI Fuse Rating (BS88) - HRC (A) Interconnecting Cable No. Cores OUTDOOR Sound Pressure Level (dBA) Heating / Cooling 6 Weight (kg) 5 Dimensions (mm) Width x Depth x Height 840 x 330 x 88 Electrical Supply 220-240V, 50H; Phase SINGLI System Power Input (kW) - Heating / Cooling 1.86 / 1.5 (nominal) System Power Input (kW) - Heating / Cooling 1.86 / 1.5 (nominal) System Power Input (kW) - Heating / Cooling 1.46 / 1.1 (UK) Starting Current (A) 7. System Running Current (A) [MAX] - Heating / 7.1 / 6.2 [16.2 (Cooling Fuse Rating (BS88) - HRC (A) 2. Mains Cable No. Cores Max Pipe Length (m) 3 Max Height Difference (m) 1.	Energy Label (nominal)	A+ / A++
Pipe Size Gas (mm [in]) 12.7 (1/2') Pipe Size Liquid (mm ([in]) 6.35 (1/4') Sound Pressure Level (dBA) Heating - 32 - 35 - 39 - 4 Lo-Mi-Hi-SupHi 29 - 35 - 40 - 5 Sound Pressure Level (dBA) Cooling - 29 - 35 - 40 - 5 Lo-Mi-Hi-SupHi 50 x 215 x 60 Weight (kg) 1 Electrical Supply FED BY OUTDOOR UNIT Phase SINGLI Fuse Rating (BS88) - HRC (A) 5 Interconnecting Cable No. Cores 5 OUTDOOR 5 Sound Pressure Level (dBA) Heating / Cooling 5 Sound Power Level (dBA) Cooling 6 Weight (kg) 5 Dimensions (mm) Width x Depth x Height 840 x 330 x 88 Electrical Supply 220-240V, 50H; Phase SINGLI System Power Input (kW) - Heating / Cooling (nominal) 1.86 / 1.5 System Power Input (kW) - Heating / Cooling (nominal) 7.1 / 6.2 [16.2 System Running Current (A) 7 System Rating (BS88) - HRC (A) 2 Mains Cable No. Cores 3 Max	Airflow (m³/min) (Heating) - Lo-Mi-Hi-SupHi	6 - 7.4 - 9.4 - 14
Pipe Size Liquid (mm ([in]) 6.35 (1/4') Sound Pressure Level (dBA) Heating - Lo-Mi-Hi-SupHi 32 - 35 - 39 - 4 Sound Pressure Level (dBA) Cooling - Lo-Mi-Hi-SupHi 29 - 35 - 40 - 5 Sound Power Level (dBA) Cooling 5 Dimensions (mm) Width x Depth x Height 750 x 215 x 60 Weight (kg) 1 Electrical Supply FED BY OUTDOOR UNIT Phase SINGLI Fuse Rating (BS88) - HRC (A) 5 Interconnecting Cable No. Cores 5 OUTDOOR Sound Pressure Level (dBA) Heating / Cooling 51 / 4 Sound Power Level (dBA) Cooling 6 Weight (kg) 5 Dimensions (mm) Width x Depth x Height 840 x 330 x 88 Electrical Supply 220-240V, 50H; Phase SINGLI System Power Input (kW) - Heating / Cooling (nominal) 1.86 / 1.5 System Power Input (kW) - Heating / Cooling (nominal) 7.1 / 6.2 [16.2 System Running Current (A) 7 System Rating (BS88) - HRC (A) 2 Mains Cable No. Cores 3 Max Pipe Length (m)	Airflow (m³/min) (Cooling) - Lo-Mi-Hi-SupHi	5.6 - 6.7 - 8 - 10.6
Sound Pressure Level (dBA) Heating - Lo-Mi-Hi-SupHi Sound Pressure Level (dBA) Cooling - Lo-Mi-Hi-SupHi Sound Power Level (dBA) Cooling - Lo-Mi-Hi-SupHi Sound Power Level (dBA) Cooling - Dimensions (mm) Width x Depth x Height 750 x 215 x 60 Weight (kg) 1 Electrical Supply FED BY OUTDOOR UNIT FED BY OUTDOOR UNIT Phase SINGLE Fuse Rating (BS88) - HRC (A) Interconnecting Cable No. Cores OUTDOOR Sound Pressure Level (dBA) Heating / Cooling 51 / 4 Sound Power Level (dBA) Cooling 6 Weight (kg) 5 Dimensions (mm) Width x Depth x Height 840 x 330 x 88 Electrical Supply 220-240V, 50H. Phase SINGLE System Power Input (kW) - Heating / Cooling (nominal) System Power Input (kW) - Heating / Cooling (nominal) System Power Input (kW) - Heating / Cooling (LK) Starting Current (A) 7.1 / 6.2 [16.2 (Cooling Fuse Rating (BS88) - HRC (A) 2 Mains Cable No. Cores Max Pipe Length (m) 3 Max Height Difference (m) 1.1	Pipe Size Gas (mm [in])	12.7 (1/2")
Lo-Mi-Hi-SupHi Sound Pressure Level (dBA) Cooling - 29 - 35 - 40 - 5 Lo-Mi-Hi-SupHi Sound Power Level (dBA) Cooling 55 Dimensions (mm) Width x Depth x Height 750 x 215 x 60 Weight (kg) 1 Electrical Supply FED BY OUTDOOR UNIT Phase SINGLE Fuse Rating (BS88) - HRC (A) Interconnecting Cable No. Cores OUTDOOR Sound Pressure Level (dBA) Heating / Cooling 51 / 4 Sound Power Level (dBA) Cooling 65 Weight (kg) 55 Dimensions (mm) Width x Depth x Height 840 x 330 x 88 Electrical Supply 220-240V, 50H. Phase SINGLE System Power Input (kW) - Heating / Cooling 1.86 / 1.5 (nominal) System Power Input (kW) - Heating / Cooling (nominal) System Running Current (A) [MAX] - Heating / Cooling Fuse Rating (BS88) - HRC (A) 2 Mains Cable No. Cores Max Pipe Length (m) 3 Max Height Difference (m) 1.	Pipe Size Liquid (mm ([in])	6.35 (1/4")
Lo-Mi-Hi-SupHi Sound Power Level (dBA) Cooling Dimensions (mm) Width x Depth x Height FED BY OUTDOOR UNI Phase SINGLI Fuse Rating (BS88) - HRC (A) Interconnecting Cable No. Cores OUTDOOR Sound Pressure Level (dBA) Heating / Cooling Sound Power Level (dBA) Cooling Weight (kg) Dimensions (mm) Width x Depth x Height 840 x 330 x 88 Electrical Supply Phase SINGLI System Power Input (kW) - Heating / Cooling System Power Input (kW) - Heating / Cooling System Power Input (kW) - Heating / Cooling (UK) Starting Current (A) System Running Current (A) [MAX] - Heating / Cooling Fuse Rating (BS88) - HRC (A) Alans Cable No. Cores Max Pipe Length (m) Max Height Difference (m) 1.1	The state of the s	32 - 35 - 39 - 44
Dimensions (mm) Width x Depth x Height 750 x 215 x 60 Weight (kg) 1 Electrical Supply FED BY OUTDOOR UNIT Phase SINGLI Fuse Rating (BS88) - HRC (A) Interconnecting Cable No. Cores OUTDOOR Sound Pressure Level (dBA) Heating / Cooling 51 / 4 Sound Power Level (dBA) Cooling 6 Weight (kg) 5 Dimensions (mm) Width x Depth x Height 840 x 330 x 88 Electrical Supply 220-240V, 50H; Phase SINGLI System Power Input (kW) - Heating / Cooling (nominal) System Power Input (kW) - Heating / Cooling (1.46 / 1.5) (UK) Starting Current (A) 7 System Running Current (A) [MAX] - Heating / Cooling Fuse Rating (BS88) - HRC (A) 2 Mains Cable No. Cores Max Pipe Length (m) 3 Max Height Difference (m) 1		29 - 35 - 40 - 50
Weight (kg) 1 Electrical Supply FED BY OUTDOOR UNIT Phase SINGLI Fuse Rating (BS88) - HRC (A) Interconnecting Cable No. Cores OUTDOOR Sound Pressure Level (dBA) Heating / Cooling 51 / 4 Sound Power Level (dBA) Cooling 6 Weight (kg) 5 Dimensions (mm) Width x Depth x Height 840 x 330 x 88 Electrical Supply 220-240V, 50H; Phase SINGLI System Power Input (kW) - Heating / Cooling (nominal) 1.86 / 1.5 (nominal) System Power Input (kW) - Heating / Cooling (UK) 7.1 / 6.2 [16.2 (Cooling (UK)) Starting Current (A) 7 System Running Current (A) [MAX] - Heating / Cooling (UK) 7.1 / 6.2 [16.2 (Cooling (UK)) Fuse Rating (BS88) - HRC (A) 2 Mains Cable No. Cores 3 Max Pipe Length (m) 3 Max Height Difference (m) 1	Sound Power Level (dBA) Cooling	56
Electrical Supply	Dimensions (mm) Width x Depth x Height	750 x 215 x 600
Phase SINGLI Fuse Rating (BS88) - HRC (A) Interconnecting Cable No. Cores OUTDOOR Sound Pressure Level (dBA) Heating / Cooling 51 / 4 Sound Power Level (dBA) Cooling 6 Weight (kg) 5 Dimensions (mm) Width x Depth x Height 840 x 330 x 88 Electrical Supply 220-240V, 50H. Phase SINGLI System Power Input (kW) - Heating / Cooling (nominal) 1.86 / 1.5 (nominal) System Power Input (kW) - Heating / Cooling (UK) 7.1 / 6.2 [16.2 (16	Weight (kg)	15
Fuse Rating (BS88) - HRC (A) Interconnecting Cable No. Cores OUTDOOR Sound Pressure Level (dBA) Heating / Cooling 51 / 4 Sound Power Level (dBA) Cooling 6 Weight (kg) 5 Dimensions (mm) Width x Depth x Height 840 x 330 x 88 Electrical Supply 220-240V, 50H. Phase SINGLI System Power Input (kW) - Heating / Cooling (nominal) System Power Input (kW) - Heating / Cooling (LK) System Power Input (kW) - Heating / Cooling (LK) Starting Current (A) 7 System Running Current (A) [MAX] - Heating / Cooling Fuse Rating (BS88) - HRC (A) 2 Mains Cable No. Cores Max Pipe Length (m) 3 Max Height Difference (m) 1.	Electrical Supply	FED BY OUTDOOR UNIT
Name	Phase	SINGLE
OUTDOOR Sound Pressure Level (dBA) Heating / Cooling 51 / 4 Sound Power Level (dBA) Cooling 6 Weight (kg) 5 Dimensions (mm) Width x Depth x Height 840 x 330 x 88 Electrical Supply 220-240V, 50H. Phase SINGLI System Power Input (kW) - Heating / Cooling (nominal) 1.86 / 1.5 (nominal) System Power Input (kW) - Heating / Cooling (UK) 7.46 / 1.5 (nominal) System Running Current (A) 7. System Running Current (A) [MAX] - Heating / Cooling 7.1 / 6.2 [16.2 (nominal) Fuse Rating (BS88) - HRC (A) 2 Mains Cable No. Cores 3 Max Pipe Length (m) 3 Max Height Difference (m) 1	Fuse Rating (BS88) - HRC (A)	6
Sound Pressure Level (dBA) Heating / Cooling 51 / 4 Sound Power Level (dBA) Cooling 6 Weight (kg) 5 Dimensions (mm) Width x Depth x Height 840 x 330 x 88 Electrical Supply 220-240V, 50H; Phase SINGLI System Power Input (kW) - Heating / Cooling (nominal) 1.86 / 1.5 System Power Input (kW) - Heating / Cooling (UK) 7.46 / 1.1 System Running Current (A) 7 System Running Current (A) [MAX] - Heating / Cooling 7.1 / 6.2 [16.2 Cooling Fuse Rating (BS88) - HRC (A) 2 Mains Cable No. Cores 3 Max Pipe Length (m) 3 Max Height Difference (m) 1	Interconnecting Cable No. Cores	4
Sound Power Level (dBA) Cooling 6 Weight (kg) 5 Dimensions (mm) Width x Depth x Height 840 x 330 x 88 Electrical Supply 220-240V, 50H. Phase SINGLI System Power Input (kW) - Heating / Cooling (nominal) 1.86 / 1.5 (nominal) System Power Input (kW) - Heating / Cooling (UK) 7.46 / 1.5 (nominal) Starting Current (A) 7 System Running Current (A) [MAX] - Heating / Cooling 7.1 / 6.2 [16.2 (now) Fuse Rating (BS88) - HRC (A) 2 Mains Cable No. Cores 3 Max Pipe Length (m) 3 Max Height Difference (m) 1	OUTDOOR	
Weight (kg) 5 Dimensions (mm) Width x Depth x Height 840 x 330 x 88 Electrical Supply 220-240V, 50H. Phase SINGLI System Power Input (kW) - Heating / Cooling (nominal) 1.86 / 1.5 System Power Input (kW) - Heating / Cooling (UK) 7.46 / 1.5 Starting Current (A) 7. System Running Current (A) [MAX] - Heating / Cooling 7.1 / 6.2 [16.2 Cooling Fuse Rating (BS88) - HRC (A) 2 Mains Cable No. Cores 3 Max Pipe Length (m) 3 Max Height Difference (m) 1	Sound Pressure Level (dBA) Heating / Cooling	51 / 49
Dimensions (mm) Width x Depth x Height 840 x 330 x 88 Electrical Supply 220-240V, 50Hz Phase SINGLI System Power Input (kW) - Heating / Cooling (nominal) 1.86 / 1.5 System Power Input (kW) - Heating / Cooling (UK) 7.46 / 1.1 Starting Current (A) 7. System Running Current (A) [MAX] - Heating / Cooling 7.1 / 6.2 [16.2 Fuse Rating (BS88) - HRC (A) 2 Mains Cable No. Cores 3 Max Pipe Length (m) 3 Max Height Difference (m) 1	Sound Power Level (dBA) Cooling	63
Electrical Supply 220-240V, 50H.	Weight (kg)	55
Phase SINGLE System Power Input (kW) - Heating / Cooling (nominal) 1.86 / 1.5 (nominal) System Power Input (kW) - Heating / Cooling (UK) 1.46 / 1.1 (nominal) Starting Current (A) 7. System Running Current (A) [MAX] - Heating / Cooling 7.1 / 6.2 [16.2 (nominal) Fuse Rating (BS88) - HRC (A) 2 Mains Cable No. Cores 3 Max Pipe Length (m) 3 Max Height Difference (m) 1	Dimensions (mm) Width x Depth x Height	840 x 330 x 880
System Power Input (kW) - Heating / Cooling (nominal) System Power Input (kW) - Heating / Cooling (UK) Starting Current (A) System Running Current (A) [MAX] - Heating / 7.1 / 6.2 [16.2 Cooling Fuse Rating (BS88) - HRC (A) Mains Cable No. Cores Max Pipe Length (m) Max Height Difference (m)	Electrical Supply	220-240V, 50HZ
(nominal) System Power Input (kW) - Heating / Cooling (UK) Starting Current (A) 7. System Running Current (A) [MAX] - Heating / 7.1 / 6.2 [16.2 Cooling Fuse Rating (BS88) - HRC (A) 2 Mains Cable No. Cores Max Pipe Length (m) 3 Max Height Difference (m) 1.	Phase	SINGLE
(UK) Starting Current (A) 7. System Running Current (A) [MAX] - Heating / 7.1 / 6.2 [16.2 Cooling Fuse Rating (BS88) - HRC (A) 2 Mains Cable No. Cores Max Pipe Length (m) 3 Max Height Difference (m) 1.		1.86 / 1.55
System Running Current (A) [MAX] - Heating / 7.1 / 6.2 [16.2 Cooling Fuse Rating (BS88) - HRC (A) 2 Mains Cable No. Cores Max Pipe Length (m) 3 Max Height Difference (m) 1		1.46 / 1.13
Cooling Fuse Rating (BS88) - HRC (A) 2 Mains Cable No. Cores 3 Max Pipe Length (m) 3 Max Height Difference (m) 1	Starting Current (A)	7.1
Mains Cable No. Cores Max Pipe Length (m) 3 Max Height Difference (m) 1		7.1 / 6.2 [16.2]
Max Pipe Length (m) 3 Max Height Difference (m) 1	Fuse Rating (BS88) - HRC (A)	20
Max Height Difference (m) 1	Mains Cable No. Cores	3
.,	Max Pipe Length (m)	30
Charge R410A (kg) - (pre charged length) 1.5 (7	Max Height Difference (m)	15

DIMENSIONS

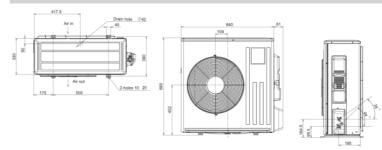
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DIMENSIONS

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