Air Conditioning

Product Information

MXZ-4E83VA Inverter Heat PumpMulti-Split Unit

Making a
World of
Difference



The Multi-Split system allows up to four M Series or Mr Slim wall mounted, cassette, ducted, floor or ceiling mounted indoor unit heat pumps of different capacities to be operated from a single outdoor unit.

This makes it an economic answer in multi-room applications, whilst also offering space saving benefits.

Key Features

- Up to four indoor units may be connected to a single outdoor unit
- Energy saving inverter controlled outdoor unit adjusts compressor performance to economically match the demand for heating and cooling
- Units may be added within the capacity of the system as requirements change
- Capacities of indoor units may be mixed to suit individual rooms
- Size 83, 102 and 122 have current limit adjustment for managing energy costs. They also feature a wiring/piping correction function to analyse the system for connection errors via the press of a single button



Air Conditioning | Heating Ventilation | Controls



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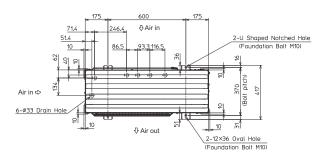
Making a World of Difference

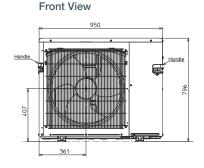
MULTI-SPLIT - INDOOR UNITS MXZ-4E83VA MSZ-SF20VE / MSZ-SF/25/35/50VE2 / MSZ-GF60/71VE MSZ-FH25/35VE / MSZ-EF25/35/50VE2B/S/W WALL MOUNTED FLOOR MOUNTED MFZ-KJ25/35/50VE SEZ-KD25/35/50/60/71VAQ*3 PEAD-RP50/60/71JAQ*1 DUCTED SLZ-KA25/35/50VAQ PLA-RP50/60/71BA CEILING CASSETTE **CEILING DUCTED** PCA-RP50/60/71KAQ

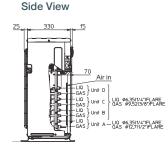
MXZ-D/C - OUT	DOOR UNITS	MXZ-4E83VA
NUMBER OF CONNECTABLE INDOOR UNITS		2 - 4
CAPACITY (kW)	Heating (nominal)	9.3 (3.4-11.6)
	Cooling (nominal)	8.3 (3.7-9.2)
	Heating (UK)	7.8 (2.82-9.63)
	Cooling (UK)	8.2 (3.67-9.12)
COP / EER (nominal)*2		4.65 / 3.40
SCOP / SEER (BSEN14825)		4.2 / 6.3
ErP ENERGY EFFICIENCY CLA	SS Heating/Cooling	A+ / A++
MAX AIRFLOW (m³/min)	Heating/Cooling	64.9 / 55.7
SOUND PRESSURE LEVEL (dB.	A) Heating/Cooling - Sil-Hi	51 / 49
SOUND POWER LEVEL (dBA)	Cooling	61
DIMENSIONS (mm)	Width x Depth x Height	950 x 330 x 796
WEIGHT (kg)		62
ELECTRICAL SUPPLY		220-240v, 50Hz
PHASE		Single
POWER INPUT (kW)	Heating/Cooling (nominal)	2.44 / 2.83
	Heating/Cooling (UK)	2.20 / 2.26
STARTING CURRENT (A)		10.7
RUNNING CURRENT (A)	Heating/Cooling [MAX]	10.7 / 12.4 [20.4]
INTERCONNECTING CABLE No. CORES		4 Core
TOTAL PIPE LENGTH (m)		70
MAX PIPE LENGTH PER INDOOR UNIT (m)		25
MAX HEIGHT DIFFERENCE (m)		15 (10 if OU higher than IU)
CHARGE R410A (kg) [Precharged Length]		2.99 [20m]
FUSE RATING (BS88) - HRC (A)		25

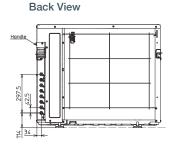
DIMENSIONS

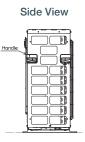
Upper View











Notes: Multi Split models with eight ports, 14 and 15.5kW can now bw found in Y Series (4.5-8hp) City Multi section.

- *1 Combined max running current of all indoors on system must not exceed 3A if PEAD-RP is used.
 *2 System COP / EER when connected to MSZ-EF x indoor unit connections.
- *3 The SEZ-KD25VAQ cannot be used when the total indoor capacity is equal to the outdoor capacity i.e. when the capacity ratio is 1



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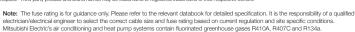
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Mitsubishi Electric UK's commitment to the environment









