

# Air Conditioning

## Product Information

### MXZ-5E102VA Inverter Heat Pump Multi-Split Unit

Making a  
World of  
Difference

Multi-Splits



The Multi-Split system allows up to five 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 five 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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#### MULTI-SPLIT - INDOOR UNITS

#### MXZ-5E102VA

<b>WALL MOUNTED</b>	MSZ-SF20VE / MSZ-SF25/35/50VE2 / MSZ-GF60/71VE MSZ-FH25/35VE / MSZ-EF25/35/50VE2B/S/W
<b>FLOOR MOUNTED</b>	MFZ-KJ25/35/50VE
<b>DUCTED</b>	SEZ-KD25/35/50/60/71VAQ <sup>3</sup> PEAD-RP50/60/71JAQ <sup>1</sup>
<b>CEILING CASSETTE</b>	SLZ-KA25/35/50VAQ PLA-RP50/60/71BA
<b>CEILING DUCTED</b>	PCA-RP50/60/71KAQ

#### MXZ-D/C - OUTDOOR UNITS

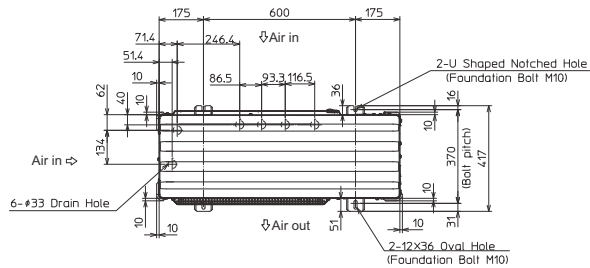
#### MXZ-5E102VA

<b>NUMBER OF CONNECTABLE INDOOR UNITS</b>	2 - 5
<b>CAPACITY (kW)</b>	Heating (nominal) 10.5 (4.1-14.0) Cooling (nominal) 10.2 (3.9-11.0) Heating (UK) 8.7 (3.40-11.63) Cooling (UK) 10.1 (3.86-10.90)
<b>COP / EER (nominal)<sup>2</sup></b>	4.49 / 3.24
<b>SCOP / SEER (BSEN14825)</b>	4.20 / 6.6
<b>ErP ENERGY EFFICIENCY CLASS</b>	Heating/Cooling A+ / A++
<b>MAX AIRFLOW (m<sup>3</sup>/min)</b>	Heating/Cooling 67.6 / 55.7
<b>SOUND PRESSURE LEVEL (dBA)</b>	Heating/Cooling - Sil-Hi 56 / 52
<b>SOUND POWER LEVEL (dBA)</b>	Cooling 65
<b>DIMENSIONS (mm)</b>	Width x Depth x Height 950 x 330 x 796
<b>WEIGHT (kg)</b>	63
<b>ELECTRICAL SUPPLY</b>	220-240v, 50Hz
<b>PHASE</b>	Single
<b>POWER INPUT (kW)</b>	Heating/Cooling (nominal) 2.34 / 3.15 Heating/Cooling (UK) 2.15 / 2.99
<b>STARTING CURRENT (A)</b>	13.8
<b>RUNNING CURRENT (A)</b>	Heating/Cooling [MAX] 12.7 / 17.2 [21.4]
<b>INTERCONNECTING CABLE No. CORES</b>	4 Core
<b>TOTAL PIPE LENGTH (m)</b>	80
<b>MAX PIPE LENGTH PER INDOOR UNIT (m)</b>	25
<b>MAX HEIGHT DIFFERENCE (m)</b>	15 (10 if OU higher than IU)
<b>CHARGE R410A (kg) [Precharged Length]</b>	2.99 [20m]
<b>FUSE RATING (BS88) - HRC (A)</b>	25

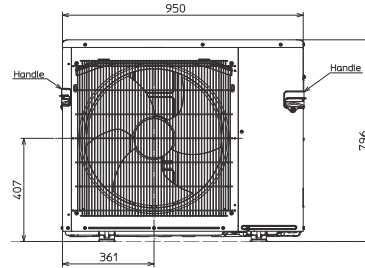


#### DIMENSIONS

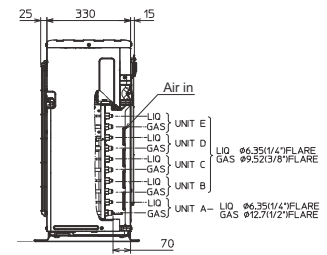
##### Upper View



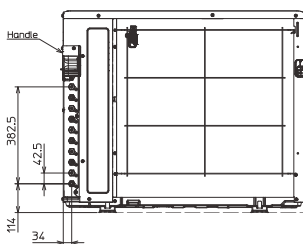
##### Front View



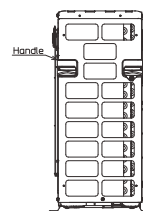
##### Side View



##### Back View



##### Side View



Notes: Multi Split models with eight ports, 14 and 15.5kW can now be 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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Note: 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 and site specific conditions. Mitsubishi Electric's air conditioning and heat pump systems contain fluorinated greenhouse gases R410A, R407C and R134a.



[www.greengateway.mitsubishielectric.co.uk](http://www.greengateway.mitsubishielectric.co.uk)

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Effective as of April 2015