

Air Conditioning

Product Information

MXZ-D/E R410A
Inverter Heat Pump (5.3-12.2kW)
Multi-Split Units

Making a
World of
Difference

Multi-Splits



The **Multi-Split system** allows up to six M Series or Mr Slim wall mounted, cassette, ducted, floor or ceiling mounted indoor units of different capacities to be operated from a single outdoor unit. This makes it an economic and efficient answer for multi-room applications, whilst also offering space saving benefits.

Key Features

- Up to six 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

Product Information

MXZ-D/E R410A
Inverter Heat Pump (5.3-12.2kW)
 Multi-Split Units

Making a
 World of
 Difference



MXZ-D/E - OUTDOOR UNITS		MXZ-2D53VA2	MXZ-3E54VA	MXZ-4E72VA	MXZ-4E83VA	MXZ-5E102VA	MXZ-6D122VA	
NUMBER OF CONNECTABLE INDOOR UNITS		2	2 - 3	2 - 4	2 - 4	2 - 5	2 - 6	
CAPACITY (kW)	Heating (nominal)	6.4 (1.0-7.0)	7.0 (2.6-9.0)	8.6 (3.4-10.7)	9.3 (3.4-11.6)	10.5 (4.1-14.0)	14.0 (3.5-16.5)	
	Cooling (nominal)	5.3 (1.1-5.6)	5.4 (2.9-6.8)	7.1 (3.7-8.8)	8.3 (3.7-9.2)	10.2 (3.9-11.0)	12.2 (3.5-13.5)	
	Heating (UK)	5.3 (0.83-5.81)	5.8 (2.16-7.47)	7.1 (2.82-8.89)	7.8 (2.82-9.63)	8.7 (3.40-11.63)	11.6 (2.90-13.71)	
	Cooling (UK)	5.2 (1.09-5.55)	5.3 (2.87-6.74)	7.0 (3.67-8.72)	8.2 (3.67-9.12)	10.1 (3.86-10.90)	12.1 (3.47-13.39)	
COP / EER (nominal) ^{1,2}		3.76 / 3.44	4.40 / 4.00	3.77 / 3.20	4.65 / 3.40	4.49 / 3.24	4.23 / 3.33	
SCOP / SEER (BSEN14825)		4.2 / 7.1	4.0 / 6.4	3.9 / 5.7	4.2 / 6.3	4.20 / 6.6	- / -	
ErP ENERGY EFFICIENCY CLASS Heating/Cooling		A+ / A++	A+ / A++	A+ / A+	A+ / A++	A+ / A++	N/A	
MAX AIRFLOW (m³/min) Heating/Cooling		33.3 / 32.9	43.0 / 42.1	43.0 / 42.1	64.9 / 55.7	67.6 / 55.7	77 / 63	
SOUND PRESSURE LEVEL (dBA) Heating/Cooling - Lo-Hi		53 / 50	53 / 50	53 / 50	51 / 49	56 / 52	57 / 55	
SOUND POWER LEVEL (dBA) Cooling		64	64	64	61	65	69	
DIMENSIONS (mm) Width x Depth x Height		800 x 285 x 550	840 x 330 x 710	840 x 330 x 710	950 x 330 x 796	950 x 330 x 796	950 x 330 x 1048	
WEIGHT (kg)		37	57	58	62	63	88	
ELECTRICAL SUPPLY		220-240v, 50Hz	220-240v, 50Hz	220-240v, 50Hz	220-240v, 50Hz	220-240v, 50Hz	220-240v, 50Hz	
PHASE		Single	Single	Single	Single	Single	Single	
POWER INPUT (kW)		Heating/Cooling (nominal)	1.70 / 1.54	1.59 / 1.35	2.28 / 2.25	2.44 / 2.83	2.34 / 3.15	3.31 / 3.66
		Heating/Cooling (UK)	1.54 / 1.23	1.44 / 1.08	2.07 / 1.80	2.20 / 2.26	2.15 / 2.99	3.04 / 3.44
STARTING CURRENT (A)		7.6	7.0	10.0	10.7	13.8	17.2	
RUNNING CURRENT (A) Heating/Cooling [MAX]		7.6 / 6.9 [12.2]	7.0 / 6.1 [18]	10.0 / 9.9 [18]	10.7 / 12.4 [20.4]	12.7 / 17.2 [21.4]	14.5 / 16.1 [30]	
INTERCONNECTING CABLE No. CORES		4 Core	4 Core	4 Core	4 Core	4 Core	4 Core	
TOTAL PIPE LENGTH (m)		30	50	60	70	80	80	
MAX PIPE LENGTH PER INDOOR UNIT (m)		20	25	25	25	25	25	
MAX HEIGHT DIFFERENCE (m)		15 (10 if OU higher than IU)	15 (10 if OU higher than IU)	15 (10 if OU higher than IU)	15 (10 if OU higher than IU)	15 (10 if OU higher than IU)	15 (10 if OU higher than IU)	
CHARGE REFRIGERANT (kg) / CO ₂ EQUIVALENT (t) - R410A (GWP 2088)		1.30 / 2.72 (20m)	2.70 / 5.64 (40m)	2.70 / 5.64 (40m)	2.99 / 6.25 (25m)	2.99 / 6.25 (0m)	4.00 / 8.36 (30m)	
MAX ADDITIONAL REFRIGERANT (kg) / CO ₂ EQUIVALENT (t) - R410A (GWP 2088)		0.20 / 0.42	0.20 / 0.42	0.40 / 0.84	0.90 / 1.88	1.60 / 3.35	1.00 / 2.09	
FUSE RATING (BS88) - HRC (A)		16	25	25	25	25	32	

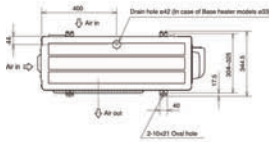
Notes: *1 Combined max running current of all indoors on system must not exceed 3A if PEAD-M is used. *2 System COP / EER when connected to MSZ-EF.

*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.

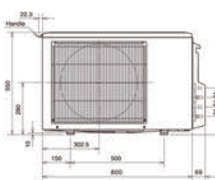
PRODUCT DIMENSIONS

MXZ-2D53VA2

Upper View



Front View



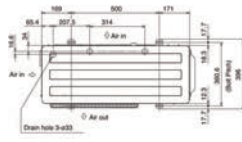
Side View



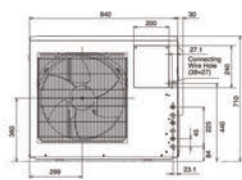
MXZ-3E54VA, MXZ-4E72VA

*MXZ-4E72VA has 4 pipe connections

Upper View



Front View



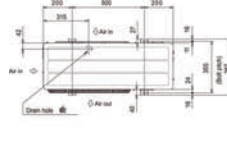
Side View



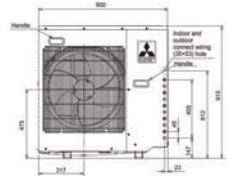
MXZ-4E83VA, MXZ-5E102VA

*MXZ-4E83VA has 4 pipe connections

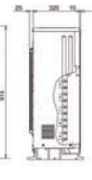
Upper View



Front View

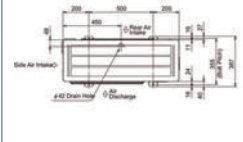


Side View

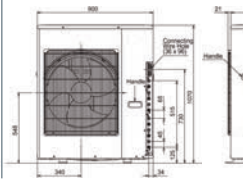


MXZ-6D122VA

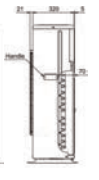
Upper View



Front View



Side View



Telephone: 01707 282880

email: air.conditioning@meuk.mee.com

web: airconditioning.mitsubishielectric.co.uk

UNITED KINGDOM Mitsubishi Electric Europe Living Environment Systems Division

Travellers Lane, Hatfield, Hertfordshire, AL10 8XB, England General Enquiries Telephone: 01707 282880 Fax: 01707 278881

IRELAND Mitsubishi Electric Europe Westgate Business Park, Ballymount, Dublin 24, Ireland

Telephone: Dublin (01) 419 8800 Fax: Dublin (01) 419 8890 International code: (003531)

Country of origin: United Kingdom - Japan - Thailand - Malaysia. ©Mitsubishi Electric Europe 2017. Mitsubishi and Mitsubishi Electric are trademarks of Mitsubishi Electric Europe B.V. The company reserves the right to make any variation in technical specification to the equipment described, or to withdraw or replace products without prior notification or public announcement. Mitsubishi Electric is constantly developing and improving its products. All descriptions, illustrations, drawings and specifications in this publication present only general particulars and shall not form part of any contract. All goods are supplied subject to the Company's General Conditions of Sale, a copy of which is available on request. Third-party product and brand names may be trademarks or registered trademarks of their respective owners.

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 equipment and heat pump systems contain a fluorinated greenhouse gas, R410A (GWP:2088), R32 (GWP:675), R407C (GWP:1774) or R134a (GWP:1430). *These GWP values are based on Regulation (EU) No 517/2014 from IPCC 4th edition. In case of Regulation (EU) No.626/2011 from IPCC 3rd edition, these are as follows: R410A (GWP:1975), R32 (GWP: 550), R407C (GWP:1650) or R134a (GWP:1300).



www.greengateway.mitsubishielectric.co.uk

Mitsubishi Electric UK's commitment to the environment



Follow us @meuk_Jes
 Follow us @green_gateway



Mitsubishi Electric
 Living Environmental Systems UK



[mitsubishielectric2](https://www.youtube.com/mitsubishielectric2)



thehub.mitsubishielectric.co.uk

Effective as of September 2017