

MXZ-C-VA Inverter Heat Pump

Multi-Splits Units

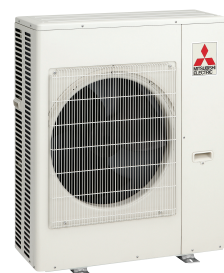
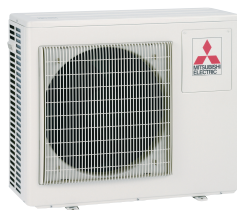


The multi-split system allows up to six M Series or Mr Slim wall mounted, cassette, ducted, floor or ceiling mounted indoor unit heat pumps of different capacities to be operated from a single outdoor unit. This makes it an economic answer in multi-room applications, whilst also offering space saving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

- 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
- New size 80, 100 and 120 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



Technical Information >



MXZ-C-VA Inverter Heat Pump

Multi-Splits Units



M series

MULTI-SPLIT - INDOOR UNITS

MODEL REFERENCE	WALL MOUNTED	FLOOR MOUNTED	DUCTED	CEILING CASSETTE	CEILING SUSPENDED
MXZ-2C52VA	MSZ-GE22/25/35VA MSZ-FD25/35VA MSZ-EF25/35VEB	MFZ-KA25/35VA	SEZ-KD25/35VAQ	SLZ-KA25/35VAQ	-
MXZ-3C54VA	MSZ-GE22/25/35/50VA MSZ-FD25/35VA MSZ-EF25/35/50VEB	MFZ-KA25/35/50VA	SEZ-KD25/35/50VAQ PEAD-RP50JAQ ^{*1}	SLZ-KA25/35/50VAQ PLA-RP50BA	PCA-RP50KAQ
MXZ-4C71VA	MSZ-GE22/25/35/50/60VA MSZ-FD25/35VA MSZ-EF25/35/50VEB	MFZ-KA25/35/50VA	SEZ-KD25/35/50/60VAQ PEAD-RP50JAQ ^{*1}	SLZ-KA25/35/50VAQ PLA-RP50/60BA	PCA-RP50/60KAQ
MXZ-4C80VA	MSZ-GE22/25/35/50/60/71VA MSZ-FD25/35VA MSZ-EF25/35/50VEB	MFZ-KA25/35/50VA	SEZ-KD25/35/50/60/71VAQ PEAD-RP50/60/71JAQ ^{*1}	SLZ-KA25/35/50VAQ PLA-RP50/60/71BA(2)	PCA-RP50/60/71KAQ
MXZ-5C100VA	MSZ-GE22/25/35/50/60/71VA MSZ-FD25/35VA MSZ-EF25/35/50VEB	MFZ-KA25/35/50VA	SEZ-KD25/35/50/60/71VAQ PEAD-RP50/60/71JAQ ^{*1}	SLZ-KA25/35/50VAQ PLA-RP50/60/71BA(2)	PCA-RP50/60/71KAQ
MXZ-6C120VA	MSZ-GE22/25/35/50/60/71VA MSZ-FD25/35VA MSZ-EF25/35/50VEB	MFZ-KA25/35/50VA	SEZ-KD25/35/50/60/71VAQ PEAD-RP50/60/71JAQ ^{*1}	SLZ-KA25/35/50VAQ PLA-RP50/60/71BA(2)	PCA-RP50/60/71KAQ

*1 Combined max running current of all indoors on system must not exceed 3A if PEAD-RP is used

MXZ-C-VA - OUTDOOR UNITS

MODEL REFERENCE	MXZ-2C52VA	MXZ-3C54VA	MXZ-4C71VA	MXZ-4C80VA	MXZ-5C100VA	MXZ-6C120VA
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)	9.4 (3.4-11.6)	12.0 (4.1-14.0)	14.0 (3.5-16.5)
Cooling (nominal)	5.2 (1.1-6.0)	5.4 (2.9-6.8)	7.1 (3.7-8.8)	8.0 (3.7-9.2)	10.0 (3.9-11.0)	12.0 (3.5-13.5)
Heating (UK)	5.3 (0.85-5.8)	5.8 (2.15-7.5)	7.15 (2.85-8.9)	7.8 (2.85-9.65)	9.95 (3.4-11.65)	11.65 (2.9-13.7)
Cooling (UK)	5.15 (1.1-5.95)	5.35 (2.9-6.75)	7.05 (3.65-8.75)	7.95 (3.65-9.15)	9.9 (3.85-10.9)	11.9 (3.45-13.4)
COP / EER (nominal)	3.98 / 4.00	5.04 / 4.23	4.78 / 4.54	4.87 / 4.09	4.23 / 3.57	3.88 / 3.21
ENERGY LABEL	Heating/Cooling	A / A	A / A	A / A	A / A	A / A
MAX AIRFLOW (m3/min)	Heating/Cooling	33.3 / 32.9	43 / 42.1	43 / 42.1	59.3 / 56.6	59.5 / 69.9
NOISE (dBA)	Heating/Cooling - Sil-Hi	49-50 / 46-49	48-51 / 45-47	48-52 / 45-48	46-48 / 44-46	47-54 / 46-51
DIMENSIONS (mm)						
Width	800	840	840	900	900	900
Depth	285	330	330	320	320	320
Height	550	710	710	900	900	1070
WEIGHT (kg)	38	57	58	67	68	88
ELECTRICAL SUPPLY	220-240v, 50Hz	220-240v, 50Hz	220-240v, 50Hz	220-240v, 50Hz	220-240v, 50Hz	220-240v, 50Hz
POWER INPUT (kW)	Heating/Cooling (nominal)	1.61 / 1.30	1.465 / 1.19	1.705 / 1.68	1.93 / 1.955	2.835 / 2.88
	Heating/Cooling (UK)	1.47 / 1.04	1.33 / 0.95	1.55 / 1.34	1.76 / 1.56	2.58 / 2.30
STARTING CURRENT (A)	7.22	6.43	7.49	8.59	12.45	15.85
RUNNING CURRENT (A) [MAX] Heating/Cooling	7.22 / 5.83 [10.2]	6.43 / 5.23 [15]	7.49 / 7.38 [15]	8.48 / 8.59 [17.4]	12.45 / 12.30 [18.4]	15.24 / 15.85 [27]
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 R410A (kg) [Precharged Length]	1.3 [20m]	2.7 [40m]	2.7 [40m]	3.5 [40m]	4.0 [40m]	5.0 [60m]
FUSE RATING (BS88) - HRC (A)	16	25	25	25	25	40

Features Key



Optimised rotary or scroll compressor



Inverter control - adjusts performance to economically match the demand for heating or cooling



Hot Start - draught prevention



Replace Technology available



**MITSUBISHI
ELECTRIC**

Changes for the Better

General Enquiries **01707 282880**

After Sales Service **0161 866 6089**

email: airconditioning@meuk.mee.com

web: www.mitsubishielectric.co.uk/aircon

UNITED KINGDOM Mitsubishi Electric Europe Air Conditioning Systems Division

Travellers Lane, Hatfield, Hertfordshire, AL10 8XB, England. General enquiries Tel: 01707 282880 Fax: 01707 278881

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

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

Country of origin: United Kingdom - Japan - Thailand - Malaysia. ©Mitsubishi Electric Europe 2011. 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.

Printed in December 2010

SAP No. 238802



Printed on paper that contains fibre from forests certified according to the principles of the Forest Stewardship Council. The Forest Stewardship Council (FSC) is an international network promoting responsible management of the world's forests.