## Air Conditioning

## **Product Information**

MXZ-3D54VA: Inverter Heat Pump

R410A Multi-Split Unit





This Multi-Split System allows up to 3 Mr Slim or M Series indoor units to be operated from a single outdoor unit. This makes it an economic answer in multi-room applications, whilst also offering space saving benefits.



## **FEATURES**









**DIMENSIONS** 

Heating Capacity (kW) (nominal)   7 (2.6 - 9)	OUTDOOR	
Cooling Capacity (kW) (nominal)         5.4 (2.9 - 6.8)           Heating Capacity (kW) (UK)         5.8 (2.16 - 7.47)           Cooling Capacity (kW) (UK)         5.3 (2.87 - 6.74)           COP / EER (nominal)         4.4 / 3.88           SCOP / SEER         3.9 / 5.8           Energy Efficiency Class - Heating / Cooling         A+ / A++           Max Airflow (m3/min) Heating / Cooling         43 / 42.1           Sound Pressure Level (dBA) Heating / Cooling         53 / 50           Sound Power Level (dBA) Cooling         64           Dimensions (mm) Width x Depth x Height         840 x 330 x 710           Weight (kg)         57           Electrical Supply         220-240V, 50HZ           Phase         SINGLE           Power Input (kW) - Heating / Cooling (nominal)         1.59 / 1.39           Power Input (kW) - Heating / Cooling (UK)         1.44 / 1.11           Starting Current (A)         7           Running Current (A) - Heating / Cooling [MAX]         7 / 6.1 [18]           Fuse Rating (BS88) - HRC (A)         25           Interconnecting Cable No. Cores         4           Total Pipe Length (m)         50           Max Pipe Length Per Indoor Unit (m)         25	Number of Connectable Indoor Units (MAX)	3
Heating Capacity (kW) (UK)       5.8 (2.16 - 7.47)         Cooling Capacity (kW) (UK)       5.3 (2.87 - 6.74)         COP / EER (nominal)       4.4 / 3.88         SCOP / SEER       3.9 / 5.8         Energy Efficiency Class - Heating / Cooling       A+ / A++         Max Airflow (m3/min) Heating / Cooling       43 / 42.1         Sound Pressure Level (dBA) Heating / Cooling       53 / 50         Sound Power Level (dBA) Cooling       64         Dimensions (mm) Width x Depth x Height       840 x 330 x 710         Weight (kg)       57         Electrical Supply       220-240V, 50HZ         Phase       SINGLE         Power Input (kW) - Heating / Cooling (nominal)       1.59 / 1.39         Power Input (kW) - Heating / Cooling (UK)       1.44 / 1.11         Starting Current (A)       7         Running Current (A) - Heating / Cooling [MAX]       7 / 6.1 [18]         Fuse Rating (BS88) - HRC (A)       25         Interconnecting Cable No. Cores       4         Total Pipe Length (m)       50         Max Pipe Length Per Indoor Unit (m)       25	Heating Capacity (kW) (nominal)	7 (2.6 - 9)
Cooling Capacity (kW) (UK)         5.3 (2.87 - 6.74)           COP / EER (nominal)         4.4 / 3.88           SCOP / SEER         3.9 / 5.8           Energy Efficiency Class - Heating / Cooling         A+ / A++           Max Airflow (m3/min) Heating / Cooling         43 / 42.1           Sound Pressure Level (dBA) Heating / Cooling         53 / 50           Sound Power Level (dBA) Cooling         64           Dimensions (mm) Width x Depth x Height         840 x 330 x 710           Weight (kg)         57           Electrical Supply         220-240V, 50HZ           Phase         SINGLE           Power Input (kW) - Heating / Cooling (nominal)         1.59 / 1.39           Power Input (kW) - Heating / Cooling (UK)         1.44 / 1.11           Starting Current (A)         7           Running Current (A) - Heating / Cooling [MAX]         7 / 6.1 [18]           Fuse Rating (BS88) - HRC (A)         25           Interconnecting Cable No. Cores         4           Total Pipe Length (m)         50           Max Pipe Length Per Indoor Unit (m)         25	Cooling Capacity (kW) (nominal)	5.4 (2.9 - 6.8)
COP / EER (nominal)         4.4 / 3.88           SCOP / SEER         3.9 / 5.8           Energy Efficiency Class - Heating / Cooling         A+ / A++           Max Airflow (m3/min) Heating / Cooling         43 / 42.1           Sound Pressure Level (dBA) Heating / Cooling         53 / 50           Sound Power Level (dBA) Cooling         64           Dimensions (mm) Width x Depth x Height         840 x 330 x 710           Weight (kg)         57           Electrical Supply         220-240V, 50HZ           Phase         SINGLE           Power Input (kW) - Heating / Cooling (nominal)         1.59 / 1.39           Power Input (kW) - Heating / Cooling (UK)         1.44 / 1.11           Starting Current (A)         7           Running Current (A) - Heating / Cooling [MAX]         7 / 6.1 [18]           Fuse Rating (BS88) - HRC (A)         25           Interconnecting Cable No. Cores         4           Total Pipe Length (m)         50           Max Pipe Length Per Indoor Unit (m)         25	Heating Capacity (kW) (UK)	5.8 (2.16 - 7.47)
SCOP / SEER         3.9 / 5.8           Energy Efficiency Class - Heating / Cooling         A+ / A++           Max Airflow (m3/min) Heating / Cooling         43 / 42.1           Sound Pressure Level (dBA) Heating / Cooling         53 / 50           Sound Power Level (dBA) Cooling         64           Dimensions (mm) Width x Depth x Height         840 x 330 x 710           Weight (kg)         57           Electrical Supply         220-240V, 50HZ           Phase         SINGLE           Power Input (kW) - Heating / Cooling (nominal)         1.59 / 1.39           Power Input (kW) - Heating / Cooling (UK)         1.44 / 1.11           Starting Current (A)         7           Running Current (A) - Heating / Cooling [MAX]         7 / 6.1 [18]           Fuse Rating (BS88) - HRC (A)         25           Interconnecting Cable No. Cores         4           Total Pipe Length (m)         50           Max Pipe Length Per Indoor Unit (m)         25	Cooling Capacity (kW) (UK)	5.3 (2.87 - 6.74)
Energy Efficiency Class - Heating / Cooling         A+ / A++           Max Airflow (m3/min) Heating / Cooling         43 / 42.1           Sound Pressure Level (dBA) Heating / Cooling         53 / 50           Sound Power Level (dBA) Cooling         64           Dimensions (mm) Width x Depth x Height         840 x 330 x 710           Weight (kg)         57           Electrical Supply         220-240V, 50HZ           Phase         SINGLE           Power Input (kW) - Heating / Cooling (nominal)         1.59 / 1.39           Power Input (kW) - Heating / Cooling (UK)         1.44 / 1.11           Starting Current (A)         7           Running Current (A) - Heating / Cooling [MAX]         7 / 6.1 [18]           Fuse Rating (BS88) - HRC (A)         25           Interconnecting Cable No. Cores         4           Total Pipe Length (m)         50           Max Pipe Length Per Indoor Unit (m)         25	COP / EER (nominal)	4.4 / 3.88
Max Airflow (m3/min) Heating / Cooling         43 / 42.1           Sound Pressure Level (dBA) Heating / Cooling         53 / 50           Sound Power Level (dBA) Cooling         64           Dimensions (mm) Width x Depth x Height         840 x 330 x 710           Weight (kg)         57           Electrical Supply         220-240V, 50HZ           Phase         SINGLE           Power Input (kW) - Heating / Cooling (nominal)         1.59 / 1.39           Power Input (kW) - Heating / Cooling (UK)         1.44 / 1.11           Starting Current (A)         7           Running Current (A) - Heating / Cooling [MAX]         7 / 6.1 [18]           Fuse Rating (BS88) - HRC (A)         25           Interconnecting Cable No. Cores         4           Total Pipe Length (m)         50           Max Pipe Length Per Indoor Unit (m)         25	SCOP / SEER	3.9 / 5.8
Sound Pressure Level (dBA) Heating / Cooling         53 / 50           Sound Power Level (dBA) Cooling         64           Dimensions (mm) Width x Depth x Height         840 x 330 x 710           Weight (kg)         57           Electrical Supply         220-240V, 50HZ           Phase         SINGLE           Power Input (kW) - Heating / Cooling (nominal)         1.59 / 1.39           Power Input (kW) - Heating / Cooling (UK)         1.44 / 1.11           Starting Current (A)         7           Running Current (A) - Heating / Cooling [MAX]         7 / 6.1 [18]           Fuse Rating (BS88) - HRC (A)         25           Interconnecting Cable No. Cores         4           Total Pipe Length (m)         50           Max Pipe Length Per Indoor Unit (m)         25	Energy Efficiency Class - Heating / Cooling	A+ / A++
Sound Power Level (dBA) Cooling         64           Dimensions (mm) Width x Depth x Height         840 x 330 x 710           Weight (kg)         57           Electrical Supply         220-240V, 50HZ           Phase         SINGLE           Power Input (kW) - Heating / Cooling (nominal)         1.59 / 1.39           Power Input (kW) - Heating / Cooling (UK)         1.44 / 1.11           Starting Current (A)         7           Running Current (A) - Heating / Cooling [MAX]         7 / 6.1 [18]           Fuse Rating (BS88) - HRC (A)         25           Interconnecting Cable No. Cores         4           Total Pipe Length (m)         50           Max Pipe Length Per Indoor Unit (m)         25	Max Airflow (m3/min) Heating / Cooling	43 / 42.1
Dimensions (mm) Width x Depth x Height         840 x 330 x 710           Weight (kg)         57           Electrical Supply         220-240V, 50HZ           Phase         SINGLE           Power Input (kW) - Heating / Cooling (nominal)         1.59 / 1.39           Power Input (kW) - Heating / Cooling (UK)         1.44 / 1.11           Starting Current (A)         7           Running Current (A) - Heating / Cooling [MAX]         7 / 6.1 [18]           Fuse Rating (BS88) - HRC (A)         25           Interconnecting Cable No. Cores         4           Total Pipe Length (m)         50           Max Pipe Length Per Indoor Unit (m)         25	Sound Pressure Level (dBA) Heating / Cooling	53 / 50
Weight (kg)         57           Electrical Supply         220-240V, 50HZ           Phase         SINGLE           Power Input (kW) - Heating / Cooling (nominal)         1.59 / 1.39           Power Input (kW) - Heating / Cooling (UK)         1.44 / 1.11           Starting Current (A)         7           Running Current (A) - Heating / Cooling [MAX]         7 / 6.1 [18]           Fuse Rating (BS88) - HRC (A)         25           Interconnecting Cable No. Cores         4           Total Pipe Length (m)         50           Max Pipe Length Per Indoor Unit (m)         25	Sound Power Level (dBA) Cooling	64
Electrical Supply         220-240V, 50HZ           Phase         SINGLE           Power Input (kW) - Heating / Cooling (nominal)         1.59 / 1.39           Power Input (kW) - Heating / Cooling (UK)         1.44 / 1.11           Starting Current (A)         7           Running Current (A) - Heating / Cooling [MAX]         7 / 6.1 [18]           Fuse Rating (BS88) - HRC (A)         25           Interconnecting Cable No. Cores         4           Total Pipe Length (m)         50           Max Pipe Length Per Indoor Unit (m)         25	Dimensions (mm) Width x Depth x Height	840 x 330 x 710
Phase         SINGLE           Power Input (kW) - Heating / Cooling (nominal)         1.59 / 1.39           Power Input (kW) - Heating / Cooling (UK)         1.44 / 1.11           Starting Current (A)         7           Running Current (A) - Heating / Cooling [MAX]         7 / 6.1 [18]           Fuse Rating (BS88) - HRC (A)         25           Interconnecting Cable No. Cores         4           Total Pipe Length (m)         50           Max Pipe Length Per Indoor Unit (m)         25	Weight (kg)	57
Power Input (kW) - Heating / Cooling (nominal)         1.59 / 1.39           Power Input (kW) - Heating / Cooling (UK)         1.44 / 1.11           Starting Current (A)         7           Running Current (A) - Heating / Cooling [MAX]         7 / 6.1 [18]           Fuse Rating (BS88) - HRC (A)         25           Interconnecting Cable No. Cores         4           Total Pipe Length (m)         50           Max Pipe Length Per Indoor Unit (m)         25	Electrical Supply	220-240V, 50HZ
Power Input (kW) - Heating / Cooling (UK)         1.44 / 1.11           Starting Current (A)         7           Running Current (A) - Heating / Cooling [MAX]         7 / 6.1 [18]           Fuse Rating (BS88) - HRC (A)         25           Interconnecting Cable No. Cores         4           Total Pipe Length (m)         50           Max Pipe Length Per Indoor Unit (m)         25	Phase	SINGLE
Starting Current (A)         7           Running Current (A) - Heating / Cooling [MAX]         7 / 6.1 [18]           Fuse Rating (BS88) - HRC (A)         25           Interconnecting Cable No. Cores         4           Total Pipe Length (m)         50           Max Pipe Length Per Indoor Unit (m)         25	Power Input (kW) - Heating / Cooling (nominal)	1.59 / 1.39
Running Current (A) - Heating / Cooling [MAX]       7 / 6.1 [18]         Fuse Rating (BS88) - HRC (A)       25         Interconnecting Cable No. Cores       4         Total Pipe Length (m)       50         Max Pipe Length Per Indoor Unit (m)       25	Power Input (kW) - Heating / Cooling (UK)	1.44 / 1.11
Fuse Rating (BS88) - HRC (A)         25           Interconnecting Cable No. Cores         4           Total Pipe Length (m)         50           Max Pipe Length Per Indoor Unit (m)         25	Starting Current (A)	7
Interconnecting Cable No. Cores         4           Total Pipe Length (m)         50           Max Pipe Length Per Indoor Unit (m)         25	Running Current (A) - Heating / Cooling [MAX]	7 / 6.1 [18]
Total Pipe Length (m) 50  Max Pipe Length Per Indoor Unit (m) 25	Fuse Rating (BS88) - HRC (A)	25
Max Pipe Length Per Indoor Unit (m) 25	Interconnecting Cable No. Cores	4
, ,	Total Pipe Length (m)	50
Max Height Difference (m) 15	Max Pipe Length Per Indoor Unit (m)	25
	Max Height Difference (m)	15
Charge R410A (kg) - (pre charged length) 2.7 (40)	Charge R410A (kg) - (pre charged length)	2.7 (40)

## MXZ-3D 314 . ∏Airin Drain Hole 3-Ø33. 4-10×21 Oval Hole (Foundation Bolt M8) 840 30 × 200 25.8,

Connecting Wire Hole (39×27)





66.3