



Product
Catalogue 2021

GAME CHANGING HVAC SOLUTIONS

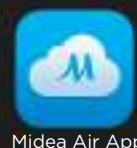


OFFICIAL PARTNER



Smart Port (optional)

- * Wifi control with any smart device
- * Midea Air APP suitable for both Android / iOS system NetHome Plus
- * Voice control with Google Home or ALEXA
- * Features All basic functions
- * Senior functions such as weekly timer, customized sleep curve and self-check



MULTI SPLIT SERIES

The Multi Split series is the ideal solution for efficient 2, 3, 4 or 5 zone air conditioning with a single outdoor unit.



MULTI SPLIT SERIES

OUTDOOR UNITS

BLANC WALL MOUNTED

XTREME SAVE LITE WALL MOUNTED

COMPACT CASSETTE

A6 DUCT

CONSOLE

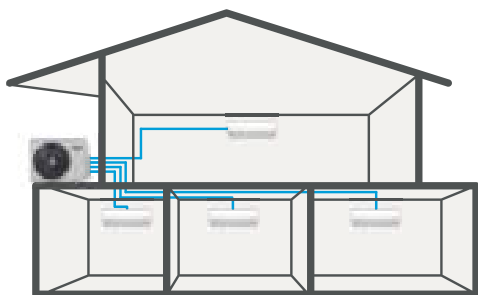


Midea Air App





MULTI SPLIT OUTDOOR UNITS



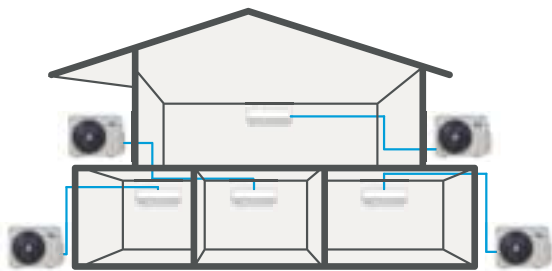
FLEXIBLE INSTALLATION

One outdoor unit can be connected with up to 5 indoor units. Each indoor unit can be individually controlled.

Indoor units do not need to be installed at the same time, which enables system expansion depending on the user's needs.

DEDICATED INDOOR UNITS

The Multi Split series is the ideal solution for efficient 2, 3, 4 or 5-zone air conditioning with a single outdoor unit. On a single system it is possible to connect a range of different indoors with varying capacities. All indoor units can be individually controlled and pipe lengths of up to 80 metres can be accommodated.



Flexible installation



Dedicated indoor units



4.1kW & 5.3kW



6.15kW & 7.9kW



8.2kW, 10.6 kW & 12.3 kW



Midea Air App



MULTI SPLIT OUTDOOR UNITS

Outdoor Model			M2OD-18HFN8-Q	M3OF-21HFN8-Q	M3OF-27HFN8-Q
Cooling	Capacity	Btu/h	18000 (3860-19000)	21000 (6619-23420)	27000 (10100-29000)
	Capacity	kW	5.27 (1.13-5.67)	6.15 (1.94-6.86)	7.90 (2.96-8.50)
	EER	W/W	3.24	3.23	3.23
	Input	W	1630 (150-2000)	1950 (180-2240)	2450 (235-3220)
	Current	A	7.1 (0.7-9.2)	9.0 (1.09-9.9)	13.7 (2.2-14.3)
Heating	Capacity	Btu/h	19000 (6120-20000)	22500 (5900-24740)	28000 (6950-32000)
	Capacity	kW	5.57 (1.79-5.86)	6.60 (1.73-7.25)	8.20 (2.04-9.38)
	COP	W/W	4.0	3.71	3.9
	Input	W	1390 (600-1670)	1780 (325-1920)	2100 (310-2890)
	Rated current	A	6.1 (2.6-7.7)	8.5 (1.94-8.5)	12.5 (2.5-12.9)
Power supply (Outdoor)		V,Hz,Ph	220-240V- 50Hz, 1Ph	220-240V, 50Hz, 1Ph	220-240V, 50Hz, 1Ph
Max. input consumption (Outdoor)		W	2850	3300	3600
Max. input current (Outdoor)		A	13	15.5	17.5
Outdoor air flow		m³/h	2200	3000	2700
Outdoor sound pressure level		dB(A)	55.5	57.5	59
Outdoor sound power level		dB(A)	65	65	67
Outdoor unit	Dimension (WxDxH)	mm	800x333x554	845x363x702	845x363x702
	Packing (WxDxH)	mm	920x390x615	965x395x775	965x395x775
	Net/Gross weight	kg	35.5/38.5	46.8/51.1	51.1/55.8
Refrigerant	Type		R32	R32	R32
	GWP		675	675	675
	Charged quantity / up to 7.5m	kg	1.25	1.4	1.72
	Additional Refrigerant	g/m	12	12	12
Refrigerant piping	Liquid side / Gas side	mm (inch)	2x6.35mm(2x1/4in) /2x9.52mm(2x3/8in)	3x6.35mm(3x1/4in) /3x9.52mm(3x3/8in)	3x6.35mm(3x1/4in)/ 3x9.52mm(3x3/8in)
	Max. length for all rooms	m	40	60	60
	Max. length for one indoor unit	m	25	30	30
	Max. height difference between indoor and outdoor unit	m	15	15	15
	Max. height difference between indoor units	m	10	10	10
Ambient temperature	Cooling	°C	-15-50	-15-50	-15-50
	Heating	°C	-15-24	-15-24	-15-24

1. The above design and specifications are subject to change without prior notice for product improvement.

2. The values given in the table for the noise level reflect the levels in hemi-anechoic rooms.

3. Capacities are based on the following conditions:

- Cooling (TI): - Indoor Temperature 27°C (80.6°F) DB /19 °C (66.2°F) WB
 - Outdoor Temperature 35 °C (95°F) DB /24 °C (75.2°F) WB
 - Interconnecting Piping Length 5m
- Heating: - Indoor Temperature 20°C (68°F) DB / 15°C (59°F) WB
 - Outdoor Temperature 7°C (44.6°F) DB / 6°C (42.8°F) WB
 - Interconnecting Piping Length 5 m

MULTI SPLIT OUTDOOR UNITS

Outdoor Model			M4OE-28HFN8-Q	M4OB-36HFN8-Q	M5OD-42HFN8-Q
Cooling	Capacity	Btu/h	28000 (8000-34200)	36000 (12430-37000)	42000 (10170-42000)
	Capacity	kW	8.20 (2.35 - 9.85)	10.55 (2.05 - 12.66)	12.30 (2.98 - 12.30)
	EER	W/W	3.23	3.2	2.85
	Input	W	2550(890-3180)	3300 (330-4250)	4260 (1490-4580)
	Current	A	11.3(1.17-15)	15.0 (1.5-18.5)	18.5 (6.6-20.3)
Heating	Capacity	Btu/h	30000(8100-35800)	37000 (9730-41000)	42000 (9370-42000)
	Capacity	kW	8.20 (2.37-10.49)	10.85 (2.85-12.00)	12.30 (2.75-12.30)
	COP	W/W	4.0	3.93	3.5
	Input	W	2050 (770-3050)	2760 (970-3450)	3100 (1090-4000)
	Rated current	A	9.8 (2.55-13.3)	12.1 (4.3-15.3)	13.5 (4.8-17.8)
Power supply (Outdoor)		V,Hz,Ph	220-240V, 50Hz, 1Ph	220-240V- 50Hz, 1Ph	220-240V, 50Hz, 1Ph
Max. input consumption (Outdoor)		W	4150	4600	4700
Max. input current (Outdoor)		A	19.0	21.5	22
Outdoor air flow		m³/h	3800	4000	3850
Outdoor sound pressure level		dB(A)	61.5	63	64
Outdoor sound power level		dB(A)	67	67	69
Outdoor unit	Dimension (WxDxH)	mm	946x410x810	946x410x810	946x410x810
	Packing (WxDxH)	mm	1090x500x875	1090x500x875	1090x500x875
	Net/Gross weight	kg	62.1/67.7	68.8/75.6	73.3/80.4
Refrigerant	Type		R32	R32	R32
	GWP		675	675	675
	Charged quantity / up to 7.5m	kg	2.1	2.1	2.4
	Additional Refrigerant	g/m	12	12	12
Refrigerant piping	Liquid side / Gas side	mm (inch)	4 x Φ6.35/3x Φ9.52+1xΦ12.7 (4x1/4"/3x-3/8"+1x1/2")	4 x Φ6.35/3x Φ9.52+1xΦ12.7 (4x1/4"/3x-3/8"+1x1/2")	5 x Φ6.35/4x Φ9.52+1xΦ12.7 (5x1/4"/4x-3/8"+1x1/2")
	Max. length for all rooms	m	80	80	80
	Max. length for one indoor unit	m	35	35	35
	Max. height difference between indoor and outdoor unit	m	15	15	15
	Max. height difference between indoor units	m	10	10	10
Ambient temperature	Cooling	°C	-15-50	-15-50	-15-50
	Heating	°C	-15-24	-15-24	-15-24

1. The above design and specifications are subject to change without prior notice for product improvement.

2. The values given in the table for the noise level reflect the levels in hemi-anechoic rooms.

3. Capacities are based on the following conditions:

- Cooling (T1): - Indoor Temperature 27°C (80.6°F) DB / 19 °C (66.2°F) WB
- Outdoor Temperature 35 °C (95°F) DB / 24 °C (75.2°F) WB
- Interconnecting Piping Length 5m
- Heating: - Indoor Temperature 20°C (68°F) DB / 15°C (59°F) WB
- Outdoor Temperature 7°C (44.6°F) DB / 6°C (42.8°F) WB
- Interconnecting Piping Length 5 m

MULTI SPLIT INDOOR UNITS



BLANC - WALL MOUNTED

Model			MA-09NXDO-XI	MA-12NXDO-XI	MA-18NXDO-I	MA-24NXDO-I
Power supply		Ph-V-Hz	220-240V, 1Ph, 50Hz	220-240V, 1Ph, 50Hz	220-240V, 1Ph, 50Hz	220-240V, 1Ph, 50Hz
Cooling	Capacity	Btu/h	9000 (3100 - 11600)	12000 (3700-14000)	17700 (6524-20977)	24000 (9045-28163)
	Capacity	kW	2.6 (0.91 - 3.40)	3.5 (1.08-4.1)	5.2 (1.91-6.14)	7.0 (2.65-8.25)
Heating	Capacity	Btu/h	10000 (2800 - 11500)	13000 (3700-14400)	19000 (3552-23600)	25000 (9963-29121)
	Capacity	kW	2,93 (0.82 - 3.37)	3.74 (1.08-4.22)	5.57 (1.04-6.91)	7.33 (2.91-8.53)
Indoor air flow (Hi/Mi/Lo)		m³/h	520/460/340	600/500/360	860/690/560	1050/860/700
Indoor sound pressure level (Hi/Mi/Lo/Si)		dB(A)	36/30/26/21	38/34/28/22	43/36/30/22	47/40/33/22
Indoor sound power level (Hi)		dB(A)	54	54	58	61
Indoor unit	Dimension (W*D*H)	mm	805x205x285	805x205x285	958x223x302	1038x235x325
	Packing (W*D*H)	mm	870x285x360	870x270x365	1035x305x380	1120x405x330
	Net/Gross weight	kg	7.9/10.3	7.9/10.3	10.3/13.3	12.8/16.2
Refrigerant piping	Liquid side/ Gas side	mm(inch)	Φ6.35/Φ9.52(1/4"/3/8")	Φ6.35/9.52 (1/4"/3/8")	Φ6.35/12.7 (1/4"/1/2")	Φ9.52/15.9 (3/8"/5/8")
Drainage water pipe dia.		mm	ODΦ16mm	ODΦ16mm	ODΦ16mm	ODΦ16mm
Thermostat type			Remote Control	Remote Control	Remote Control	Remote Control
Room temperature	Cooling	°C	17-32	17-32	17-32	17-32
	Heating	°C	0-30	0-30	0-30	0-30
Operation temperature		°C	17-30	17-30	17-30	17-30



XTREME SAVE LITE - WALL MOUNTED

Indoor			AG-09NXDO-I	AG-12NXDO-I	AG-18NXDO-I	AG-24NXDO-I
Power supply		Ph-V-Hz	1Ph,220-240V,50Hz	1Ph,220-240V,50Hz	1Ph,220-240V,50Hz	1Ph,220-240V,50Hz
Cooling	Capacity	Btu/h	9000 (3500 - 11000)	12000 (4700 -14700)	18000 (11570 -20130)	24000 (7200 - 28000)
	Capacity	kW	2.64 (1.02 - 3.22)	3.51 (1.38 - 4.30)	5.28 (3.39 - 5.90)	7.03 (2.11 - 8.20)
Heating	Capacity	Btu/h	10000 (2800 -11500)	13000 (3650 - 14950)	19000 (10580 - 19960)	25000 (5300 - 28000)
	Capacity	kW	2.93 (0.82 - 3.37)	3.81 (1.07 -4.38)	5.56 (3.10 - 5.85)	7.32 (1.55 - 8.20)
Indoor air flow (Hi/Mi/Lo)		m³/h	520/460/330	530/400/350	800/600/500	1090/770/610
Indoor noise level (Hi/Mi/Lo)		dB(A)	37/32/22	37/32/22	41/37/31	46/37/34.5
Indoor sound power level		dB(A)	54	56	56	62
Indoor unit	Dimension(W*D*H)	mm	726x210x291	835x208x295	969x320x241	1083x336x244
	Packing (W*D*H)	mm	790x270x375	905x290x355	1045x405x315	1155x415x315
	Net/Gross weight	kg	8/10.5	8.7/11.5	11.2/14.6	13.6/17.3
Refrigerant piping	Liquid side/ Gas side	mm(inch)	6.35mm(1/4in)/9.52mm(3/8in)	6.35mm(1/4in)/9.52mm(3/8in)	6.35mm(1/4in)/Φ12.7(1/2")	9.52mm(3/8in)/Φ15.9(5/8")
Drainage water pipe dia.		mm	ODΦ16mm	ODΦ16mm	ODΦ16mm	ODΦ16mm
Thermostat type			Remote Control	Remote Control	Remote Control	Remote Control
Room temperature	Cooling	°C	16-32	16-32	17-32	17-32
	Heating	°C	0-30	0-30	0-30	0-30
Operation temperature		°C	17-30	17-30	17-30	17-30

MULTI SPLIT INDOOR UNITS



A6 DUCT

Indoor model			MTIU-09HWFNX	MTIU-12FNXDO	MTIU-18FNXDO
Power supply		V- Ph-Hz	220-240V,1Ph,50Hz	220-240V,1Ph,50Hz	220-240V,1Ph,50Hz
Cooling	Capacity	Btu/h	9000	12000	18000
	Capacity	kW	2.64	3.52	5.28
	Input	W	180	185	200
	Current	A	1.1	1.1	1.3
Heating	Capacity	Btu/h	10000	13000	20000
	Capacity	kW	2.93	3.81	5.86
	Input	W	180	185	200
	Current	A	1.1	1.1	1.3
Indoor air flow (Hi/Mi/Lo)		m³/h	500/430/250	600/480/300	880/650/350
ESP	Rated	Pa	25	25	25
	Range	Pa	0-40	0-60	0-100
Indoor sound pressure level (Hi)		dB(A)	40/34.5/27.5	40/34.5/27.5	41.5/38/33
Indoor sound power level (Hi)		dB(A)	58	59	59
Indoor unit	Dimension(W*D*H)	mm	700x506x200	700x506x200	880x674x210
	Packing (W*D*H)	mm	860x540x275	860x540x275	1070x725x270
	Net/Gross weight	kg	18/22	18/22	24.3/29.6
Drainage water pipe dia.		mm	ODΦ25	ODΦ25	ODΦ25
Refrigerant piping		Liquid side/ Gas side	mm(inch)	Φ6.35/Φ9.52(1/4"/3/8")	Φ6.35/Φ9.52(1/4"/3/8")
Controller			Wired Control	Wired Control	Wired Control
Room temperature	Cooling	°C	17-32	17-32	17-32
	Heating	°C	0-30	0-30	0-30
Operation temperature		°C	17-30	17-30	17-30



COMPACT ROUND FLOW CASSETTE

INDOOR MODEL			MCA3I-09FNXDO	MCA3U-12FHRFX	MCA3U-18FHRNX
Panel			T-MBQ-03C3	T-MBQ-03C3	T-MBQ-03C3
Power supply		V,Hz,Ph	220-240V , 50Hz , 1Ph	220-240V, 50Hz , 1Ph	220-240V, 50Hz , 1Ph
Cooling	Capacity	Btu/h	9000	12000	18000
	Capacity	kW	2.64	3.52	5.28
	Input	W	40	40	102
	Rated current	A	0.18	0.18	0.44
Heating	Capacity	Btu/h	10000	14000	18500
	Capacity	kW	2.93	4.10	5.42
	Input	W	40	40	40
	Rated current	A	0.18	0.18	0.44
Indoor air flow		m³/h	580/500/450	617/504/416	680/560/500
Indoor sound pressure level		dB(A)	38/33/29	41/37/34	44/42/41
Indoor sound power level		dB(A)	53	58	56
Indoor unit	Dimension (W x Dx H)(body)	mm	570x570x260	570x570x260	570x570x260
	Packing (W x Dx H)(body)	mm	662x662x317	662x662x317	662x662x317
	Dimension (W x Dx H)(panel)	mm	647x647x50	647x647x50	647x647x50
	Packing (W x Dx H)(panel)	mm	715x715x123	715x715x123	715x715x123
	Net/Gross weight(body)	kg	14.5/19.3	16.2/21.4	16.2/21.4
	Net/Gross weight (panel)	kg	2.5/4.5	2.5/4.5	2.5/4.5
Drainage water pipe dia.		mm	ODΦ25	ODΦ25	ODΦ25
Refrigerant piping		Liquid side/ Gas side	mm	Φ6.35/Φ9.52(1/4"/3/8")	Φ6.35/Φ9.52(1/4"/3/8")
Controller			Remote Control	Remote Control	Remote Control
Room temperature	Cooling	°C	17-32	17-32	17-32
	Heating	°C	0-30	0-30	0-30
Operation temperature		°C	17-30	17-30	17-30



CONSOLE

INDOOR			MFAU-12HFRNX	MFAU-16HFRN8
Cooling	Capacity	Btu/h	12000(2627-13559)	16500(9000-17500)
	Capacity	kW	3.52(0.77-3.97)	4.84(2.64-5.13)
Heating	Capacity	Btu/h	13000(1568-14842)	17000(7500-17895)
	Capacity	kW	3.81(0.46-4.35)	4.98(2.20-5.24)
Power supply (Indoor)		V- Ph-Hz	220-240V,1Ph, 50Hz	220-240V,1Ph, 50Hz
Indoor air flow (Hi/Mi/Lo)		m³/h	550/466/386	560/480/400
Outdoor air flow		m³/h	2200	2100
Indoor sound pressure level(Hi/Mi/Lo/Si)		dB(A)	41.5/38/33.5	45/39/36
Indoor sound power level (Hi)		dB(A)	58	60
Indoor unit	Dimension (WxDxH)	mm	700x600x210	700x600x210
	Packing (WxDxH)	mm	780x685x300	780x685x300
	Net/Gross weight	kg	14.6/18.1	14.7/18.2
Refrigerant piping		Liquid side/ Gas side	mm(inch)	6.35mm(1/4in)/9.52mm(3/8in)
Drainage water pipe dia.		mm	ODΦ16mm	ODΦ16mm
Operation temperature		°C	16-30	16-30
Room temperature	Cooling	°C	16-32	16-32
	Heating	°C	0-30	0-30
Controller			Remote Control	Remote Control

COMBINATION TABLES

M2OD-18HFN8-Q

ONE UNIT	TWO UNIT
9	9+9
12	9+12
16	12+12
18	

M3OF-27HFN8-Q

ONE UNIT	TWO UNIT		THREE UNIT
9	9+9	12+12	9+9+9
12	9+12	12+16	9+9+12
16	9+16	12+18	9+12+12
18	9+18		

M4O-36FN8-Q

ONE UNIT	TWO UNIT		THREE UNIT		FOUR UNIT	
9	9+9	12+12	9+9+9	9+12+24	9+9+9+9	9+9+12+12
12	9+12	12+16	9+9+12	9+16+16	9+9+9+12	9+9+12+16
16	9+16	12+18	9+9+16	9+16+18	9+9+9+16	9+9+12+18
18	9+18	12+24	9+9+18	9+18+18	9+9+9+18	9+12+12+12
24	9+24	16+18	9+9+24	12+12+12		
		18+18	9+12+12	12+12+16		
			9+12+16	12+12+18		
			9+12+18			

M5O-42FN8-Q

ONE UNIT	TWO UNIT		THREE UNIT		FOUR UNIT		FIVE UNIT
9	9+9	12+12	9+9+9	9+12+18	9+9+9+9	9+9+12+24	9+9+9+9+9
12	9+12	12+18	9+9+12	9+18+18	9+9+9+12	9+12+12+12	9+9+9+9+12
16	9+18	12+24	9+9+16	12+12+12	9+9+9+18	9+12+12+16	9+9+9+9+16
18	16+24	16+18	9+9+18	12+12+16	9+9+9+24	9+12+12+18	9+9+9+9+18
24	9+24	16+18	9+9+24	12+16+16	9+9+12+12	12+12+12+12	9+9+9+12+12
		18+18	9+12+12	12+16+18	9+9+12+18	12+12+12+16	9+9+12+12+12
			9+12+24	12+12+18		12+12+12+18	
			9+12+16	12+18+18			
			9+16+16	12+12+24			
			9+16+18				

MULTI SPLIT SYSTEMS

- Full flexibility with mix & match combinations - mix unit type & capacity
- Control each unit individually
- Up to 130% diversity
- Up to 80 metres total pipework

M2 - UP TO 2 INDOORS

Cooling: 4.1 kW to 6.34 kW
Heating: 4.4 kW to 6.66 kW



- Up to 5 zones from a single outdoor unit
- Indoor capacity from: cooling 2.6 kW to 8.25 kW / heating 3 kW to 8.53 kW
- Wi-Fi control standard with Blanc & Breezeless wall mounted / optional for ducted and compact cassette

M3 - UP TO 3 INDOORS

Cooling: 6.15 kW to 8.69 kW
Heating: 6.59 kW to 8.69 kW



M4 - UP TO 4 INDOORS

Cooling: 8.2 kW to 13.78 kW
Heating: 8.79 kW to 14.4 kW



M5 - UP TO 5 INDOORS

Cooling: 12.3 kW to 14 kW
Heating: 12.3 kW to 14.94 kW



MIDEA AIR APP



SYSTEM CHECKS AT HOME OR AWAY TEST UP TO 105 ITEMS REMOTELY

Remotely check connected equipment or share system status with a trained technician should your device indicate a system abnormality. Remote scanning and equipment diagnostics at the touch of a button.

You can check up to 105 test items of every connected system to ensure that equipment is performing to the standards you would expect from Midea. In the unlikely event of equipment malfunction your first visit to site could be armed with the required spare part already diagnosed remotely. Saving time on equipment diagnostics and end user inconvenience.



TAKE A CLOSER LOOK

UNIT LOCATION

Name the unit location/System No.

SYSTEM STATUS

Outdoor Temperature/Indoor Temperature/Humidity

CIRCLE OF OPERATION

Set Temp/Mode/Fan Speed

USER SET TEMPERATURE

Rotate from 16 to 30°C

POWER BUTTON

Turn air conditioner On/Off

MODE

Auto/Cool/Heat/Dry/Fan Only

FAN SPEED

Select fan speed from 0 to 100%



Midea Air App



HEATING

Make your environment cosy before you arrive at work or home.



COOLING

Keeps you cool from the moment you walk in the door.



FAN ONLY

Sometimes you only need some air circulation to get comfortable. The great thing with this option is it saves on your power bill too.



AUTO

Automatically cool or heat your home or place of work with the set and forget auto function.





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