



Product Catalogue 2021

GAME CHANGING HVAC SOLUTIONS





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



Midea Air App

SPLIT SYSTEMS ICONS GUIDE

COMFORT



Temperature Compensation

This function helps overcome any discrepancies in temperature that can be found between the height of the indoor fan and controlled space. Helping provide a more accurate temperature control.



Low Ambient Cooling

With built-in low ambient kit and a specially designed PCB, the outdoor fan speed is automatically changed according to the condensing temperature. Cooling is achievable down to -15°C.



Frost Protection

Setting automatic frost protection will activate rapid heating if the room temperature falls below 8°C.



360° Air Flow Panel

360 degree air outlet creates a soft and gentle air flow which circulates throughout the whole space, offering optimum temperature distribution.



Follow Me

The inbuilt thermistor in the remote controller will sense the temperatures surrounding the user, allowing the system to offer the greatest levels of comfort control.



Sweet Dreams

This function allows the system to smoothly decrease the room temperature in sync with your body's natural rhythms to bring about a restful sleep.



Quiet Mode

The indoor fan will run in super quiet mode which keeps the noise as low as 20dB.



Three Dimensional Air Flow

3D airflow creates a soft and gentle circulation throughout the whole space and provides an even temperature distribution in the room.



Super Cool

"Super Cool" can be activated at one touch. This initiating high speed compressor frequency and indoor fan speed until the room temperature rapidly achieves 17°C.



Anti-cold Air Function

Anti-Cold Air Function. The indoor fan speed is regulated automatically according to the evaporator temperature. This limits the fan from blowing colder air when in heating mode thus preventing cold drafts.



Flash Cooling/Heating

The high frequency start up system generates high levels of heat transfer in a very short period of time.

RELIABILITY



Diamond-Edged Casing

Innovative and award winning sleek design increases durability, prevents rust, reduces noise and prevents pooling water that can otherwise turn to ice.



Self-diagnosis and Auto-protection

If the system determines it is running abnormally it will automatically shut down to protect its key components. At the same time it will indicate an error code for fast service.



Emergency Use Function

If a temperature sensor error occurs the unit will alarm and operate in emergency function mode until replaced. The system will continue to operate based on average readings from the previous day's control.



Self Clean

Premium reliability. The outdoor fan activates high speed reverse air flow mode before and after operation for a fixed period of time, thus removing the build-up of dust and other contaminants that would otherwise reduce equipment efficiencies and increase equipment wear and tear.



Refrigerant Leakage Detect

This function automatically monitors the operating parameters of the system and stops the equipment from running if a refrigerant leak is detected.



Smart Diagnosis

Via the Midea Air App you can scan and monitor connected equipment remotely. If any abnormalities are detected an error code and description of fault will be given.

HEALTH



High Density Filter

Compared with ordinary dust filter, the high density design allows for a 50% increase in pollutant collection.



Self-cleaning

When the self clean function is activated the indoor coil dries itself using a four-stage cycle that minimises the build-up of dust and mould growth.



Fresh Air

Outside air can be ducted onto the indoor fan coil to provide room occupants with fresh and healthy air.



Bacteria and Dust Removal

Bacteria is eliminated from the air by a specialised eco filter with inbuilt enzymes to dissolve the cell walls of the contaminants.



Cold Catalyst Filter

Eliminate formaldehyde and other volatile organic compounds (VOCs) as well as other harmful gases and odours.

CONVENIENCE



Remote Enable Port

Specialised inbuilt reserved ports which allow a remote ON/OFF switch to be easily connected. Offering simple connectivity to external control sources i.e. BMS, Hotel Room Card, Fire Alarm Shut down.



Error Alarm Port

Specialised inbuilt reserved ports which allow a simple remote output alarm for connection to BMS or external alarm.



Wi-Fi Control

Control the air conditioner and set a timer easily through the APP on your smartphone. You can turn on, control and even monitor your connected air conditioner from anywhere you have an internet connection.



Built-in Drain Pump

The inbuilt drain pump can lift condensing water up to 750mm.



Wired Control

Wired controller can be fixed to the wall for a permanently mounted control solution.



Central Control Management

The centralised controller is a multi functional device that can control multiple units/systems.



Adjustable Static Pressure Switch

Adjust the static pressure specific to your installation requirements to maintain correct air volume.



Smart Reminder

The system monitors the time between filter maintenance and provides a reminder for the next service.



Louvre Position Memory

The indoor unit will remember the louvre position at the time it was turned off. It will set the louvre to the same position again when it is reinitialised.



Auto Restart Function

If the system is stopped because of power interruption it will automatically restart in the previous settings and mode when the power resumes.



24-hour Timer

The system can be preset to automatically start and stop within a 24hr period.

ENERGY SAVING



Smart Sleep Curve

Enhanced environment monitoring ensures the most comfortable temperatures to bring about and maintain sleep.



Gear Change

The Gear function enables the user to adjust the operating frequency of the compressor. Control the power consumption as your wish.



iEco Mode

By pressing this button the system will run into an 8-hour power saving mode which reduces running costs by 60% against normal mode.



Self Clean

Premium efficiency. The outdoor fan activates high speed reverse air flow mode before and after operation for a fixed period of time, thus removing the build-up of dust and other contaminants in ensuring maximum airflow across the condenser coil is achieved.



GA Stepless Comfort Technology

GA stepless frequency adjustment of the compressor and fan motors maintains closer control of room temperature, ensuring supreme comfort and savings on energy bills.



A6 DUCT



FLEXIBLE AIR INTAKE POSITION

Air inlet direction is from rear as standard or can be changed to bottom.

BUILT-IN DRAIN PUMP

The built-in drain pump can lift the condensate water up to 750mm.

LED CHASSIS MOUNTED DISPLAY

Built-in display for easy trouble shooting and system information.

FRESH AIR INLET

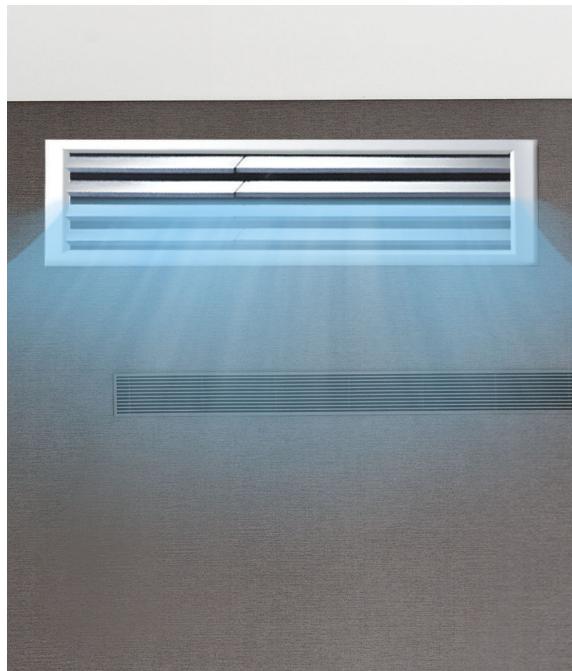
Built-in fresh air inlet to create a more comfortable environment.

FLEXIBLE CONTROL AND EASY MAINTENANCE

The electrical control box can be removed away from the unit for easy maintenance access. Standard functional ports are included such as remote On/Off, dry contact switch and alarm signal output.

REMOTE SIGNAL

Built-in ports for on/off control and fault indication.



Optional WiFi Control Adjustable Static Pressure Switch Remote Enable Port

Error Alarm Port Wired Control

Refrigerant Leakage Detect

Fresh Air Inlet

Anti-cold Air Function

2-way Draining

7-Day Timer

Low Ambient Cooling

Emergency Use Function

Central Control Management



Indoor unit



Outdoor unit



Wired Control



Midea Air App



A6 DUCT

Indoor Model			MTIU-12HWFNX-QRDOW(GA)	MTIU-18HWFNX-QRDOW(GA)	MTI-24HWFNX-QRDOW(GA)	MTI-30HWFNX-QRDOW(GA)	MTI-36HWFNX-QRDOW(GA)
Outdoor Model			MOX230-12HFN8-QRDOW(GA)	MOX330U-18HFN8-QRDOW(GA)	MOX430U-24HFN8-QRDOW(GA)	MOD30U-30HFN8-QRDOW(GA)	MOD30U-36HFN8-QRDOW(GA)
Cooling	Capacity	Btu/h	12000 (1800-13607)	18000 (8700-20000)	24000 (11180-27830)	30000 (7600-33600)	36000 (9400-38000)
	Capacity	kW	3.52(0.53-3.99)	5.28(2.55-5.86)	7.03(3.28-8.16)	8.79 (2.23-9.85)	10.55(2.75-11.14)
	SEER	W/W	6,5	6,5	6,2	6,5	6,2
	Energy Efficiency Class		A++	A++	A++	A++	A++
	Input	W	1053 (155-1373)	1530 (710-2150)	2190(750-2960)	2500 (190-3050)	3950 (900-4150)
	Current	A	4.75 (1.3-6.09)	7.1 (3.2-9.56)	10.2 (4.2-13.2)	11.0 (2.0-13.5)	17.5 (4.2-18.5)
Heating	Capacity	Btu/h	13000 (3400-14975)	19000 (7500-21000)	26000 (9580-28954)	32000 (9200-34200)	40000 (9500-43600)
	Capacity	kW	3.81(1.00-4.39)	5.57(2.20-6.15)	7.62(2.81-8.49)	9.38 (2.70-10.02)	11.72(2.78-12.78)
	SCOP	W/W	4,0	4,0	4,0	4,0	4,0
	Energy Efficiency Class		A+	A+	A+	A+	A+
	Input	W	1038 (302-1390)	1510 (740-1760)	1900 (640-2580)	2250 (430-2450)	3250 (800-3950)
	Current	A	4.52 (1.48-6.15)	6.8(3.3-7.7)	9.2 (3.8-11.6)	10.0 (3.0-10.7)	14.5 (3.5-17.5)
Power supply (Indoor)		V,Hz,Ph	220-240V;IPh 50Hz				
Power supply (Outdoor)		V,Hz,Ph	220-240V;IPh 50Hz				
Max. input consumption		W	1850	2950	3700	4500	5000
Max. current		A	9	13,5	19	20	22,5
Indoor air flow (Hi/Mi/Lo)		m³/h	600/480/300	911/706,3/515,2	1229/1035/825,1	2100/1800/1500	2100/1800/1500
Outdoor air flow		m³/h	2200	2100	3500	3800	4000
ESP	Rated	Pa	25	25	25	37	37
	Range	Pa	0-60	0-100	0-160	0-160	0-160
Indoor sound pressure level (Hi)		dB(A)	34.5/30.5/29/23	41/38/34/26	42/40/37/27	50/46.5/45/40.5	49.5/48/46/42
Indoor sound power level (Hi)		dB(A)	58	58	62	64	61
Outdoor sound pressure level		dB(A)	53,6	56	60	62	63
Outdoor sound power level (Hi)		dB(A)	62	65	69	70	70
Indoor unit	Dimension (WxDxH)	mm	700x450x200	880x674x210	1100x774x249	1360x774x249	1360x774x249
	Packing (WxDxH)	mm	860x540x285	1070x725x280	1305x805x315	1570x805x330	1570x805x330
	Net/Gross weight	kg	17.8/21.5	24.4/29.6	32.3/39.1	40.5/48.3	40.5/48.2
Outdoor unit	Dimension (WxDxH)	mm	765x303x555	805x330x554	890x342x673	946x410x810	946x410x810
	Packing (WxDxH)	mm	887x337x610	915x370x615	995x398x740	1090x500x885	1090x500x885
	Net/Gross weight	kg	26.6/29	32.5/35.2	43.9/46.9	52.8/57.3	66.9/71.5
Refrigerant	Type		R32	R32	R32	R32	R32
	Charged quantity	kg	0.72	1.15	1.5	2	2.4
Refrigerant piping	Liquid side/ Gas side	mm	6.35mm(1/4in)/9.52mm(3/8in)	6.35mm(1/4in)/12.7mm(1/2in)	9.52mm(3/8in)/15.9mm(5/8in)	9.52mm(3/8in)/15.9mm(5/8in)	9.52mm(3/8in)/15.9mm(5/8in)
	Max. refrigerant pipe length	m	25	30	50	50	75
	Max. difference in level	m	10	20	25	25	30
Drainage water pipe diameter		mm	ODΦ25mm	ODΦ25mm	ODΦ25mm	ODΦ25	ODΦ25mm
Operation temperature		°C	16-30	16-30	16-30	16-30	16-30
Room temperature	Cooling	°C	16-32	16-32	16-32	16-32	16-32
	Heating	°C	0-30	0-30	0-30	0-30	0-30
Ambient temperature	Cooling	°C	-15-50	-15-50	-15-50	-15-50	-15-50
	Heating	°C	-15-24	-15-24	-15-24	-15-24	-15-24
Controller		Standard	Wired Control				

A6 DUCT

Indoor Model			MTI-42HWFNX-QRDOW(GA)	MTI-36HWFNX-QRDOW(GA)	MTI-48HWFNX-QRDOW(GA)	MTI-55HWFNX-QRDOW(GA)
Outdoor Model			MOD30U-42HFN8-QRDOW(GA)	MOD30U-36HFN8-RRDOW(GA)	MOE30U-48HFN8-RRDOW(GA)	MOE30U-55HFN8-RRDOW(GA)
Cooling	Capacity	Btu/h	41000(10000-42000)	36000 (9300-40200)	48000 (12000-53000)	52000 (14000-59000)
	Capacity	kW	12.02(2.93-12.31)	10.55 (2.73-11.78)	14.07(3.52-15.53)	15.24 (4.10-17.29)
	SEER	W/W	6.1	6.1	6.1	6.1
	Energy Efficiency Class		A++	A++	A++	A++
	Input	W	4200(680-4500)	4000(890-4200)	4800(880-6000)	5250 (1030-6650)
	Current	A	18.8(3.1-19.8)	6.5(1.4-6.7)	8.4(1.9-10.4)	9.6(3.1-11.5)
Heating	Capacity	Btu/h	46000(11500-48000)	40000 (9500-43800)	55000(14000-62000)	62000(15000-70000)
	Capacity	kW	13.48(3.37-14.07)	11.72 (2.78-12.84)	16.12(4.10-18.17)	18.17 (4.40-20.52)
	SCOP	W/W	4.0	4.0	3.8	4.0
	Energy Efficiency Class		A+	A+	A	A+
	Input	W	3450(750-4100)	3250(780-4000)	4500(950-5700)	5150(950-6600)
	Current	A	15.5(3.4-18.3)	5.3(1.3-6.4)	8.0(2.0-9.8)	9.5(2.11-15)
Power supply (Indoor)			V,Hz,Ph	220-240V,1Ph 50Hz	220-240V,1Ph, 50Hz	220-240V,1Ph, 50Hz
Power supply (Outdoor)			V,Hz,Ph	220-240V,1Ph 50Hz	380-415V,3Ph, 50Hz	380-415V,3Ph, 50Hz
Max. input consumption			W	5000	5000	6900
Max. current			A	22.5	10	13
Indoor air flow (Hi/Mi/Lo)			m³/h	2400/2040/1680	2100/1800/1500	2400/2040/1680
Outdoor air flow			m³/h	4000	4000	7500
ESP	Rated	Pa	50	37	50	50
	Range	Pa	0-160	0-160	0-160	0-160
Indoor sound pressure level (Hi)			dB(A)	51.5/49/48/43	49.5/48/46/42.5	50/49/47/42
Indoor sound power level (Hi)			dB(A)	67	61	66
Outdoor sound pressure level			dB(A)	63	63	63.5
Outdoor sound power level (Hi)			dB(A)	72	70	74
Indoor unit	Dimension (WxDxH)	mm	1200x874x300	1360x774x249	1200x874x300	1200x874x300
	Packing (WxDxH)	mm	1405x915x365	1570x805x330	1405x915x365	1405x915x365
	Net/Gross weight	kg	47.6/55.8	40.5/48.2	47.6/55.8	47.4/56.1
Outdoor unit	Dimension (WxDxH)	mm	946x410x810	946x410x810	952x415x1333	952x415x1333
	Packing (WxDxH)	mm	1090x500x885	1090x500x885	1095x495x1480	1095x495x1480
	Net/Gross weight	kg	71.0/75.0	80.5/85	103.7/118.3	107.0/121.2
Refrigerant	Type		R32	R32	R32	R32
	Charged quantity	kg	2.8	2.4	2.9	3.0
Refrigerant piping	Liquid side/ Gas side	mm	9.52mm(3/8in)/15.9mm(5/8in)	9.52mm(3/8in)/15.9mm(5/8in)	9.52mm(3/8in)/15.9mm(5/8in)	9.52mm(3/8in)/15.9mm(5/8in)
	Max. refrigerant pipe length	m	75	75	75	75
	Max. difference in level	m	30	30	30	30
Drainage water pipe diameter			mm	ODΦ25mm	ODΦ25mm	ODΦ25mm
Operation temperature			°C	16-30	16-30	16-30
Room temperature	Cooling	°C	16-32	16-32	16-32	16-32
	Heating	°C	0-30	0-30	0-30	0-30
Ambient temperature	Cooling	°C	-15-50	-15-50	-15-50	-15-50
	Heating	°C	-15-24	-15-24	-15-24	-15-24
Controller			Standard	Wired Control	Wired Control	Wired Control

Nominal Conditions: Cooling; indoor 27°C DB, 19°C WB, outdoor 35°C DB, 24°C WB.
Nominal Conditions: Heating; indoor 20°C DB, outdoor 7°C DB, 6°C WB.

SEE QUICK REFERENCE GUIDE FOR REFRIGERANT CONTRIBUTIONS



COMPACT ROUND FLOW CASSETTE



360° Airflow outlet

360° AIRFLOW OUTLET

360° air outlet provides even airflow circulation to cool or heat every corner of a room and keep a constant temperature.

FRESH AIR INLET

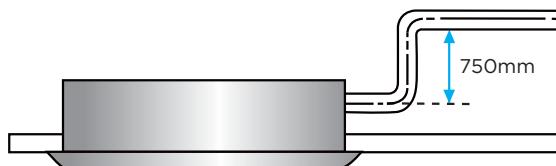
Built-in fresh air inlet to create a more comfortable environment. Optional motor available to increase the “fresh air” effect.

BUILT-IN DRAIN PUMP

The built-in drain pump can lift the condensate water up to 750mm.

LED FASCIA DISPLAY

Built-in display for easy trouble shooting and system information.



Built in drain pump



Optional WiFi Control



360° Air Flow Panel



Remote Enable Port



Error Alarm Port



Refrigerant Leakage Detect



Louvre Position Memory



Fresh Air Inlet



Anti-cold Air Function



Low Ambient Cooling



Emergency Use Function



Built-in Drain Pump



Wired Control



Central Control Management



Indoor Model			MCA3U-12HRFNX-QRDOW(GA)	MCA3U-18HRFNX-QRDOW(GA)
Outdoor Model			MOX230-12HFN8-QRDOW(GA)	MOX330U-18HFN8-QRDOW(GA)
Cooling	Capacity	Btu/h	12000 (2897-14020)	18000 (9900-19064)
	Capacity	kW	3.52(0.85-4.11)	5.28 (2.90-5.59)
	SEER	W/W	6.6	6.3
	Energy Efficiency Class		A++	A++
	Input	W	1010 (168-1434)	1633 (720-2088)
	Current	A	4.45 (1.32-6.31)	7.2 (3.2-9.2)
Heating	Capacity	Btu/h	13000 (1604-14705)	19000 (8100-20800)
	Capacity	kW	3.81(0.47-4.31)	5.57 (2.37-6.10)
	SCOP	W/W	4.1	4.0
	Energy Efficiency Class		A+	A+
	Input	W	1019 (124-1376)	1540 (700-1930)
	Current	A	4.73 (1.04-6.07)	6.8 (3.1-8.5)
Power supply (Indoor)		V,Hz,Ph	220-240V;1Ph, 50Hz	220-240V;1Ph, 50Hz
Power supply (Outdoor)		V,Hz,Ph	220-240V;1Ph, 50Hz	220-240V;1Ph, 50Hz
Max. input consumption		W	1850	2950
Max. current		A	9	13,5
Indoor air flow (Hi/Mi/Lo)		m³/h	620/510/420	720/620/500
Outdoor air flow		m³/h	2200	2100
Indoor sound pressure level (Hi)		dB(A)	41/36/33/25.5	43/39.5/35.5/29
Indoor sound power level (Hi)		dB(A)	57	59
Indoor sound pressure level		dB(A)	34.5/30.5/29/23	41/38/34/26
Outdoor sound power level (Hi)		dB(A)	62	65
Indoor unit (body)	Dimension (W x Dx H)	mm	570x570x260	570x570x260
	Packing (W x Dx H)	mm	655x655x290	662x662x317
	Net/Gross weight	kg	16.3/20.4	16/20.6
Panel	Dimension (W x Dx H)	mm	647x647x50	647x647x50
	Packing (W x Dx H)	mm	715x715x123	715x715x123
	Net/Gross weight	kg	2.5/4.5	2.5/4.5
Outdoor unit	Dimension (WxDxH)	mm	765x303x555	805x330x554
	Packing(WxDxH)	mm	887x337x610	915x370x615
	Net/Gross weight	kg	26.6/29	32.5/35.2
Refrigerant	Type		R32	R32
	Charged quantity	kg	0.72	1.15
Refrigerant piping	Liquid side/ Gas side	mm	6.35mm(1/4in)/9.52mm(3/8in)	6.35mm(1/4in)/12.7mm(1/2in)
	Max. refrigerant pipe length	m	25	30
	Max. difference in level	m	10	20
Drainage water pipe dia.		mm	ODΦ25mm	ODΦ25mm
Operation temperature		°C	16-30	16-30
Room temperature	Cooling	°C	16-32	16-32
	Heating	°C	0-30	0-30
Ambient temperature	Cooling	°C	-15-50	-15-50
	Heating	°C	-15-24	-15-24
Controller	Standard		Remote Control	Remote Control

Nominal Conditions: Cooling; indoor 27°C DB, 19°C WB, outdoor 35°C DB, 24°C WB.
Nominal Conditions: Heating; indoor 20°C DB, outdoor 7°C DB, 6°C WB.

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SUPER SLIM ROUND FLOW CASSETTE



360° AIRFLOW OUTLET

360° air outlet provides even airflow circulation to cool or heat every corner of a room and keep a constant temperature.

FRESH AIR INLET & DRAIN PUMP

Built-in fresh air inlet creates a more comfortable environment. Optional motor available to increase the “fresh air effect”. The built-in drain pump has an access panel for easy removal /maintenance.

LED FASCIA DISPLAY

Built-in display for easy trouble shooting and system information.

SUPER SLIM DESIGN

The height of the units starts from just 245mm.

REMOTE SIGNAL

Built-in ports for on/off control and fault indication.



360° Airflow outlet



Super slim design



Optional WiFi Control



360° Air Flow Panel



Remote Enable Port



Error Alarm Port



Refrigerant Leakage Detect



Louvre Position Memory



Fresh Air Inlet



Temperature Compensation



Anti-cold Air Function



Low Ambient Cooling



Emergency Use Function



Built-in Drain Pump



Wired Control



Central Control Management



Indoor unit



Outdoor unit



IR Remote control



Wired Control



Midea Air App



SUPER SLIM ROUND FLOW CASSETTE

Indoor Model			MCD1-24HRFNX-QRDOW(GA)	MCD1-30HRFNX-QRDOW(GA)	MCD1-36HRFN8-QRDOW(GA)	MCD1-36HRFN8-QRDOW(GA)
Outdoor Model			MOX430U-24HFN8-QRDOW(GA)	MOD30U-30HFN8-QRDOW(GA)	MOD30U-36HFN8-QRDOW(GA)	MOD30U-36HFN8-RRDOW(GA)
Cooling	Capacity	Btu/h	24000 (11263-27000)	30000 (7600-32000)	36000 (9200-39000)	36000 (9200-39000)
	Capacity	kW	7.03 (3.30-7.91)	8.79 (2.23-9.38)	10.55 (2.70-11.43)	10.55 (2.70-11.43)
	SEER	W/W	6,2	6,6	6,7	6,3
	Energy Efficiency Class		A++	A++	A++	A++
	Input	W	2320 (780-2748)	2750 (190-3000)	3950 (900-4200)	4000 (890-4150)
	Current	A	10.2 (4.2-12)	12.0 (2.0-13.0)	17.5 (4.2-18.5)	6.5 (1.4-6.5)
Heating	Capacity	Btu/h	26000 (9577-30500)	32000 (9200-33200)	38000 (9500-42000)	38000 (9500-43200)
	Capacity	kW	7.62 (2.81-8.94)	9.38 (2.70-9.73)	11.14 (2.78-12.30)	11.14 (2.78-12.66)
	SCOP	W/W	4,0	4,2	4,0	3,9
	Energy Efficiency Class		A+	A+	A+	A
	Input	W	1900 (610-2700)	2450 (430-2550)	3000 (800-3950)	3000 (780-4000)
	Current	A	8.5 (3.6-12.1)	11.0 (3.0-11.5)	13.5 (3.5-17.5)	5.0 (1.3-6.4)
Power supply (Indoor)	V;Hz;Ph	220-240V;1Ph, 50Hz	220-240V;1Ph, 50Hz	220-240V;1Ph, 50Hz	220-240V;1Ph, 50Hz	220-240V;1Ph, 50Hz
Power supply (Outdoor)	V;Hz;Ph	220-240V;1Ph, 50Hz	220-240V;1Ph, 50Hz	220-240V;1Ph, 50Hz	220-240V;1Ph, 50Hz	380-415V;3Ph, 50Hz
Max. input consumption	W	3700	4500	5000	5000	5000
Max. current	A	19	20	22.5	10	10
Indoor air flow (Hi/Mi/Lo)	m³/h	1300/1140/1000	1720/1550/1400	1700/1550/1380	1800/1600/1400	1800/1600/1400
Outdoor air flow	m³/h	3500	3800	4000	4000	4000
Indoor sound pressure level (Hi)	dB(A)	45.5/42.5/39.5/27	49.5/47/44/38.5	50/47.5/44.5/39	50/47.5/44.5/39	50/47.5/44.5/39
Indoor sound power level (Hi)	dB(A)	59	63	64	64	64
Indoor sound pressure level	dB(A)	42/40/37/27	50/46.5/45/40.5	49.5/48/46/42	49.5/48/46/42.5	49.5/48/46/42.5
Outdoor sound power level (Hi)	dB(A)	69	70	70	70	70
Indoor unit (body)	Dimension (W x Dx H)	mm	830x830x205	830x830x245	830x830x245	830x830x245
	Packing (W x Dx H)	mm	910x910x250	910x910x290	910x910x290	910x910x290
	Net/Gross weight	kg	21.6/25.4	24.6/28.6	27.2/31.2	27.2/31.2
Panel	Dimension (W x Dx H)	mm	950x950x55	950x950x55	950x950x55	950x950x55
	Packing (W x Dx H)	mm	1035x1035x90	1035x1035x90	1035x1035x90	1035x1035x90
	Net/Gross weight	kg	6/9	6/9	6/9	6/9
Outdoor unit	Dimension (WxDxH)	mm	890x342x673	946x410x810	946x410x810	946x410x810
	Packing(WxDxH)	mm	995x398x740	1090x500x885	1090x500x885	1090x500x885
	Net/Gross weight	kg	43.9/46.9	52.8/57.3	66.9/71.5	80.5/85
Refrigerant	Type		R32	R32	R32	R32
	Charged quantity	kg	1.5	2	2.4	2.4
Refrigerant piping	Liquid side/ Gas side	mm	9.52mm(3/8in)/15.9mm(5/8in)	9.52mm(3/8in)/15.9mm(5/8in)	9.52mm(3/8in)/15.9mm(5/8in)	9.52mm(3/8in)/15.9mm(5/8in)
	Max. refrigerant pipe length	m	50	50	75	75
	Max. difference in level	m	25	25	30	30
Drainage water pipe dia.	mm	ODΦ25mm	ODΦ25mm	ODΦ25mm	ODΦ25mm	ODΦ25mm
Operation temperature	°C	16-30	16-30	16-30	16-30	16-30
Room temperature	Cooling	°C	17-32	17-32	16-32	16-32
	Heating	°C	0-30	0-30	0-30	0-30
Ambient temperature	Cooling	°C	-15-50	-15-50	-15-50	-15-50
	Heating	°C	-15-24	-15-24	-15-24	-15-24
Controller	Standard	Remote Control	Remote Control	Remote Control	Remote Control	Remote Control

SUPER SLIM ROUND FLOW CASSETTE

Indoor Model			MCD1-42HRFNX-QRDOW(GA)	MCD1-48HRFNX-QRDOW(GA)	MCD1-55HRFNX-QRDOW(GA)
Outdoor Model			MOD30U-42HFN8-QRDOW(GA)	MOE30U-48HFN8-RRDOW(GA)	MOE30U-55HFN8-RRDOW(GA)
Cooling	Capacity	Btu/h	41000 (10000-42000)	48000 (12000-54000)	53000 (14000-57000)
	Capacity	kW	12.02(2.93-12.31)	14.07(3.52-15.83)	15.24 (4.10-16.71)
	SEER	W/W	6.1	6.1	6.3
	Energy Efficiency Class		A++	A++	A++
	Input	W	4200 (680-4350)	4650 (800-5900)	5000 (980-6200)
	Current	A	18.8 (3.1-19.1)	8.1 (1.8-10.2)	8.6 (2.1-10.7)
Heating	Capacity	Btu/h	46000 (11500-48000)	55000 (14000-59000)	62000 (15000-68000)
	Capacity	kW	13.48(3.37-14.07)	16.12(4.10-17.29)	18.17 (4.40-19.93)
	SCOP	W/W	4.0	4.0	4.0
	Energy Efficiency Class		A+	A+	A+
	Input	W	3700 (750-4250)	4580 (900-5500)	5550 (1020-6700)
	Current	A	16.3 (3.4-19)	8.0 (1.9-9.5)	9.6 (2.1-10.7)
Power supply (Indoor)	V,Hz,Ph	220-240V;1Ph, 50Hz	220-240V;1Ph, 50Hz	220-240V;1Ph, 50Hz	220-240V;1Ph, 50Hz
Power supply (Outdoor)	V,Hz,Ph	220-240V;1Ph, 50Hz	380-415V;3Ph, 50Hz	380-415V;3Ph, 50Hz	380-415V;3Ph, 50Hz
Max. input consumption	W	5000	6900	7500	7500
Max. current	A	22.5	13	14	14
Indoor air flow (Hi/Mi/Lo)	m³/h	1900/1750/1600	1970/1780/1580	2000/1850/1650	2000/1850/1650
Outdoor air flow	m³/h	4000	7500	7500	7500
Indoor sound pressure level (Hi)	dB(A)	51/48.5/46/38	51/48.5/46.5/37.5	53/50.5/48/40	53/50.5/48/40
Indoor sound power level (Hi)	dB(A)	66	66	66	66
Indoor sound pressure level	dB(A)	51.5/49/48/43	50/49/47/42	52.5/49/47	52.5/49/47
Outdoor sound power level (Hi)	dB(A)	72	74	75	75
Indoor unit (body)	Dimension (W x D x H)	mm	830x830x287	830x830x287	830x830x287
	Packing (W x D x H)	mm	910x910x330	910x910x330	910x910x330
	Net/Gross weight	kg	29.3/33.5	29.3/33.5	29.3/33.5
Panel	Dimension (W x D x H)	mm	950x950x55	950x950x55	950x950x55
	Packing (W x D x H)	mm	1035x1035x90	1035x1035x90	1035x1035x90
	Net/Gross weight	kg	6/9	6/9	6/9
Outdoor unit	Dimension (WxDxH)	mm	946x410x810	952x415x1333	952x415x1333
	Packing(WxDxH)	mm	1090x500x885	1095x495x1480	1095x495x1480
	Net/Gross weight	kg	71.0/75.0	103.7/118.3	107.0/121.2
Refrigerant	Type		R32	R32	R32
	Charged quantity	kg	2.8	2.9	3.0
Refrigerant piping	Liquid side/ Gas side	mm	9.52mm(3/8in)/15.9mm(5/8in)	9.52mm(3/8in)/15.9mm(5/8in)	9.52mm(3/8in)/15.9mm(5/8in)
	Max. refrigerant pipe length	m	75	75	75
	Max. difference in level	m	30	30	30
Drainage water pipe dia.	mm	ODΦ25mm	ODΦ25mm	ODΦ25mm	ODΦ25mm
Operation temperature	°C	16-30	16-30	16-30	16-30
Room temperature	Cooling	°C	16-32	16-32	17-32
	Heating	°C	0-30	0-30	0-30
Ambient temperature	Cooling	°C	-15-50	-15-50	-15-50
	Heating	°C	-15-24	-15-24	-15-24
Controller	Standard	Remote Control	Remote Control	Remote Control	Remote Control

Nominal Conditions: Cooling; indoor 27°C DB, 19°C WB, outdoor 35°C DB, 24°C WB.
Nominal Conditions: Heating; indoor 20°C DB, outdoor 7°C DB, 6°C WB.

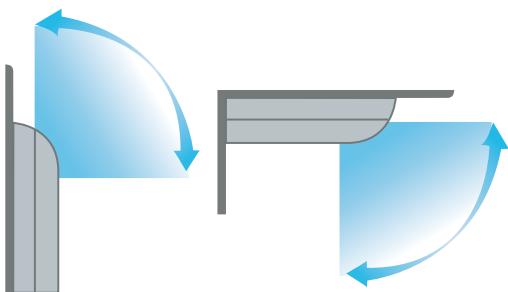
SEE QUICK REFERENCE GUIDE FOR REFRIGERANT CONTRIBUTIONS



3D air flow



Fresh air inlet



Vertical or horizontal installation

3D AIR FLOW

The unit has auto horizontal and vertical swing function which supplies an even and comfortable airflow throughout the room.

FRESH AIR INLET

Built-in fresh air inlet creates a more comfortable environment. Optional motor available to increase the “fresh air” effect.

VERTICAL OR HORIZONTAL INSTALLATION

The unit can be installed vertically or horizontally depending on your requirements and can even be installed in the corner of narrow ceilings.

LED DISPLAY

Built-in display for easy trouble shooting and system information.

REMOTE SIGNAL

Built-in ports for on/off control and fault indication.



Optional WiFi Control



Remote Enable Port



Error Alarm Port



Refrigerant Leakage Detect



Louvre Position Memory



Fresh Air Inlet



Anti-cold Air Function



Low Ambient Cooling



Emergency Use Function



Wired Control



Central Control Management



CEILING AND FLOOR

Indoor Model			MUEU-18HRFNX-QRDOW(GA)	MUE-24HRFNX-QRDOW(GA)	MUE-36HRFNX-QRDOW(GA)
Outdoor Model			MOX330U-18HFN8-QRDOW(GA)	MOX430U-24HFN8-QRDOW(GA)	MOD30U-36HFN8-QRDOW(GA)
Cooling	Capacity	Btu/h	18000 (9250-20000)	24000 (10990-26500)	36000 (9300-39000)
	Capacity	kW	5.28(2.71-5.86)	7.03(3.22-7.77)	10.55(2.73-11.43)
	SEER	W/W	6.2	6.1	6.2
	Energy Efficiency Class		A++	A++	A++
	Input	W	1450 (670-2027)	2300 (747-2930)	3900 (900-4250)
	Current	A	6.0 (3.2-9)	10.54 (3.9-13.1)	17.0 (4.2-19.0)
Heating	Capacity	Btu/h	19000 (8250-21500)	26000 (9280-28285)	40000 (9600-43600)
	Capacity	kW	5.57(2.42-6.30)	7.62(2.72-8.29)	11.72(2.78-12.78)
	SCOP	W/W	4.0	4.0	4.1
	Energy Efficiency Class		A+	A+	A+
	Input	W	1500 (540-1640)	2050 (650-2850)	3350 (800-3950)
	Current	A	6.6 (2.7-7.3)	9.5 (3.5-12.7)	15.0 (3.5-17.5)
Power supply (Indoor)			V,Hz,Ph	220-240V,1Ph, 50Hz	220-240V,1Ph, 50Hz
Power supply (Outdoor)			V,Hz,Ph	220-240V,1Ph, 50Hz	220-240V,1Ph, 50Hz
Max. input consumption			W	2950	3700
Max. current			A	13,5	19
Indoor air flow (Hi/Mi/Lo)			m³/h	958/839/723	1192/1023/853
Outdoor air flow			m³/h	2100	3500
Indoor sound pressure level (Hi)			dB(A)	43.5/41/36.5/24	49/46/43/32
Indoor sound power level (Hi)			dB(A)	59	55
Outdoor sound pressure level			dB(A)	65	67
Outdoor sound power level (Hi)			dB(A)	65	67
Indoor unit	Dimension (WxDxH)	mm	1068x675x235		1650x675x235
	Packing (WxDxH)	mm	1145x755x318		1725x755x318
	Net/Gross weight	kg	28/33.3		41.5/48
Outdoor unit	Dimension (WxDxH)	mm	805x330x554		946x410x810
	Packing (WxDxH)	mm	915x370x615		1090x500x885
	Net/Gross weight	kg	32.5/35.2		66.9/71.5
Refrigerant	Type		R32		R32
	Charged quantity	kg	1.15		2.4
Refrigerant piping	Liquid side/ Gas side	mm	6.35mm(1/4in)/12.7mm(1/2in)		9.52mm(3/8in)/15.9mm(5/8in)
	Max. refrigerant pipe length	m	30		75
	Max. difference in level	m	20		30
Drainage water pipe diameter			mm	ODΦ25mm	ODΦ25mm
Operation temperature			°C	16-30	16-30
Room temperature	Cooling	°C	16-32		16-32
	Heating	°C	0-30		0-30
Ambient temperature	Cooling	°C	-15-50		-15-50
	Heating	°C	-15-24		-15-24
Controller			Standard	Remote Control	Remote Control

CEILING AND FLOOR

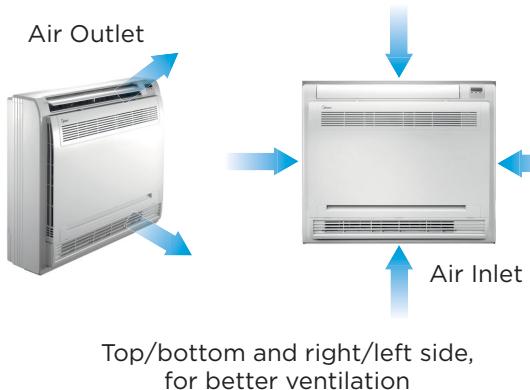
Indoor Model			MUE-36HRFNX-QRDOW(GA)	MUE-48HRFNX-QRDOW(GA)	MUE-55HRFNX-QRDOW(GA)
Outdoor Model			MOD30U-36HFNB-RRDOW(GA)	MOE30U-48HFNB-RRDOW(GA)	MOE30U-55HFNB-RRDOW(GA)
Cooling	Capacity	Btu/h	36000 (9300-40200)	48000 (12000-52000)	54000 (14000-57000)
	Capacity	kW	10.55(2.73-11.78)	14.07(3.52-15.24)	15.83(4.10-16.71)
	SEER	W/W	6.2	6.1	6.1
	Energy Efficiency Class		A++	A++	A++
	Input	W	4000 (890-4300)	5000 (900-5950)	5650 (1100-6650)
	Current	A	6.30 (1.4-6.80)	8.8 (1.9-10.3)	9.7 (3.2-11.5)
Heating	Capacity	Btu/h	40000 (9500-43600)	55000 (14000-58000)	62000 (15000-67000)
	Capacity	kW	11.72(2.81-12.78)	16.12(4.10-17.00)	18.17(4.40-19.64)
	SCOP	W/W	4.1	3.8	4.0
	Energy Efficiency Class		A+	A	A+
	Input	W	3350 (780-3950)	5100 (1000-6050)	6050 (1050-7100)
	Current	A	5.40 (1.3-6.20)	8.9 (2.1-10.5)	10.5 (2.2-12)
Power supply (Indoor)		V,Hz,Ph	220-240V,1Ph, 50Hz	220-240V,1Ph, 50Hz	220-240V,1Ph, 50Hz
Power supply (Outdoor)		V,Hz,Ph	380-415V,3Ph, 50Hz	380-415V,3Ph, 50Hz	380-415V,3Ph, 50Hz
Max. input consumption		W	5000	6900	7500
Max. current		A	22.5	13	14
Indoor air flow (Hi/Mi/Lo)		m³/h	1955/1728/1504	2100/1850/1600	2200/1950/1650
Outdoor air flow		m³/h	4000	7500	7500
Indoor sound pressure level (Hi)		dB(A)	51/47.5/44.5/39	53/50/45/36	54/50.5/46.5/38
Indoor sound power level (Hi)		dB(A)	65	67	67
Outdoor sound pressure level		dB(A)	70	74	73
Outdoor sound power level (Hi)		dB(A)	70	74	73
Indoor unit	Dimension (WxDxH)	mm	1650x675x235	1650x675x235	1650x675x235
	Packing (WxDxH)	mm	1725x755x318	1725x755x318	1725x755x318
	Net/Gross weight	kg	41.5/48	41.7/48.5	42.3/49.2
Outdoor unit	Dimension (WxDxH)	mm	946x410x810	952x415x1333	952x415x1333
	Packing (WxDxH)	mm	1090x500x885	1095x495x1480	1095x495x1480
	Net/Gross weight	kg	80.5/85	103.7/118.3	107.0/121.2
Refrigerant	Type		R32	R32	R32
	Charged quantity	kg	2.4	2.9	3.0
Refrigerant piping	Liquid side/ Gas side	mm	9.52mm(3/8in)/15.9mm(5/8in)	9.52mm(3/8in)/15.9mm(5/8in)	9.52mm(3/8in)/15.9mm(5/8in)
	Max. refrigerant pipe length	m	75	75	75
	Max. difference in level	m	30	30	30
Drainage water pipe diameter		mm	ODΦ25mm	ODΦ25mm	ODΦ25mm
Operation temperature		°C	16-30	16-30	16-30
Room temperature	Cooling	°C	16-32	16-32	16-32
	Heating	°C	0-30	0-30	0-30
Ambient temperature	Cooling	°C	-15-50	-15-50	-15-50
	Heating	°C	-15-24	-15-24	-15-24
Controller		Standard	Remote Control	Remote Control	Remote Control

Nominal Conditions: Cooling; indoor 27°C DB, 19°C WB, outdoor 35°C DB, 24°C WB.
Nominal Conditions: Heating; indoor 20°C DB, outdoor 7°C DB, 6°C WB.

SEE QUICK REFERENCE GUIDE FOR REFRIGERANT CONTRIBUTIONS



CONSOLE



FLEXIBLE INSTALLATION

The unit can be installed on the floor or lower wall depending on your requirements.

TURBO MODE

At the touch of a button, the unit will enter turbo mode with ultra-high speed and reach the set temperature more quickly. After running for 20 minutes in turbo mode, the indoor fan will automatically return to the pre-set speed.

ANTI-COLD AIR FUNCTION

The indoor fan speed is regulated automatically according to the evaporator temperature.

This limits the fan from blowing colder air when in heating mode therefore preventing cold drafts.

LOW AMBIENT COOLING

With built-in low ambient kit or specially designed PCB, outdoor fan speed can be changed automatically according to outdoor unit temperature, even when the temperature is down to -15°C.

AUTO RESTART FUNCTION

If the air conditioner turns off unexpectedly due to a power cut, it will restart automatically with the previous setting mode when the power resumes.

LOUVRE POSITION MEMORY

The indoor unit will remember the louvre position at the time it was turned off. It will set the louvre to the same position when the unit is started again.



Refrigerant
Leakage Detect



Low Ambient
Cooling



Sweet Dreams



Anti-cold
Air Function



Louvre Position
Memory



Auto Restart
Function



24-hour Time/Diamond-Edged" Emergency
Casing



Emergency
Use Function



Indoor unit

Outdoor unit

IR Remote control

Indoor model			MFAU-12HRFNX-QRDOW(GA)	MFAU-16HRFN8-QRDOW(GA)
Outdoor Model			MOX230-12HFN8-QRDOW(GA)	MOX330U-18HFN8-QRDOW(GA)
Cooling	Capacity	Btu/h	12000 (2627-13559)	16500 (9000-17500)
	Capacity	kW	3.52 (0.77-3.97)	4.84 (2.64-5.13)
	SEER	W/W	7.3	6.5
	Energy Efficiency Class		A++	A++
	Input	W	1020 (174-1333)	1600 (651-2027)
	Current	A	4.54 (1.4-5.89)	6.9 (2.95-8.9)
	Capacity	Btu/h	13000 (1568-14842)	17000 (7500-17895)
Heating	Capacity	kW	3.81 (0.46-4.35)	4.98 (2.20-5.24)
	SCOP	W/W	4.0	3.8
	Energy Efficiency Class		A+	A
	Input	W	1090 (149-1418)	1548 (606-1816)
	Current	A	4.74 (1.24-6.26)	6.83 (2.75-7.97)
	Power supply (Indoor)	V- Ph-Hz	220-240V;1Ph, 50Hz	220-240V;1Ph, 50Hz
	Max. input consumption	W	1850	2950
Indoor unit	Max. current	A	9	13.5
	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
	Outdoor sound pressure level	dB(A)	53.6	56
	Outdoor sound power level (Hi)	dB(A)	62	65
Outdoor unit	Dimension (WxDxH)	mm	700x600x210	700x600x210
	Packing (WxDxH)	mm	780x685x300	780x685x300
	Net/Gross weight	kg	14.6/18.1	14.7/18.2
Refrigerant	Dimension (WxDxH)	mm	765x303x555	805x330x554
	Packing (WxDxH)	mm	887x337x610	915x370x615
	Net/Gross weight	kg	26.6/29	32.5/35.2
Refrigerant piping	Type		R32	R32
	Charged quantity	kg	0.72	1.15
Drainage water pipe dia.	Liquid side/ Gas side	mm(inch)	6.35mm(1/4in)/9.52mm(3/8in)	6.35mm(1/4in)/12.7mm(1/2in)
	Max. refrigerant pipe length	m	25	30
	Max. difference in level	m	10	20
Operation temperature		°C	16-30	16-30
Room temperature	Cooling	°C	16-32	16-32
	Heating	°C	0-30	0-30
Ambient temperature	Cooling	°C	-15-50	-15-50
	Heating	°C	-15-24	-15-24
Controller			Remote Control	Remote Control

Nominal Conditions: Cooling: indoor 27°C DB, 19°C WB, outdoor 35°C DB, 24°C WB.
Nominal Conditions: Heating: indoor 20°C DB, outdoor 7°C DB, 6°C WB.

SEE QUICK REFERENCE GUIDE FOR REFRIGERANT CONTRIBUTIONS



FLOORSTANDING

-  Artistic Cylinder Design
-  Ultra Low Noise
-  Wide Range Vertical Air Supply
-  Easy Clean
-  Three-Dimentional Airflow

MFYA ARTISTIC CYLINDER DESIGN

Different from the conventional Floor Standing type, the cylinder outlook makes this units so unique so artistic.

ULTRA LOW NOISE

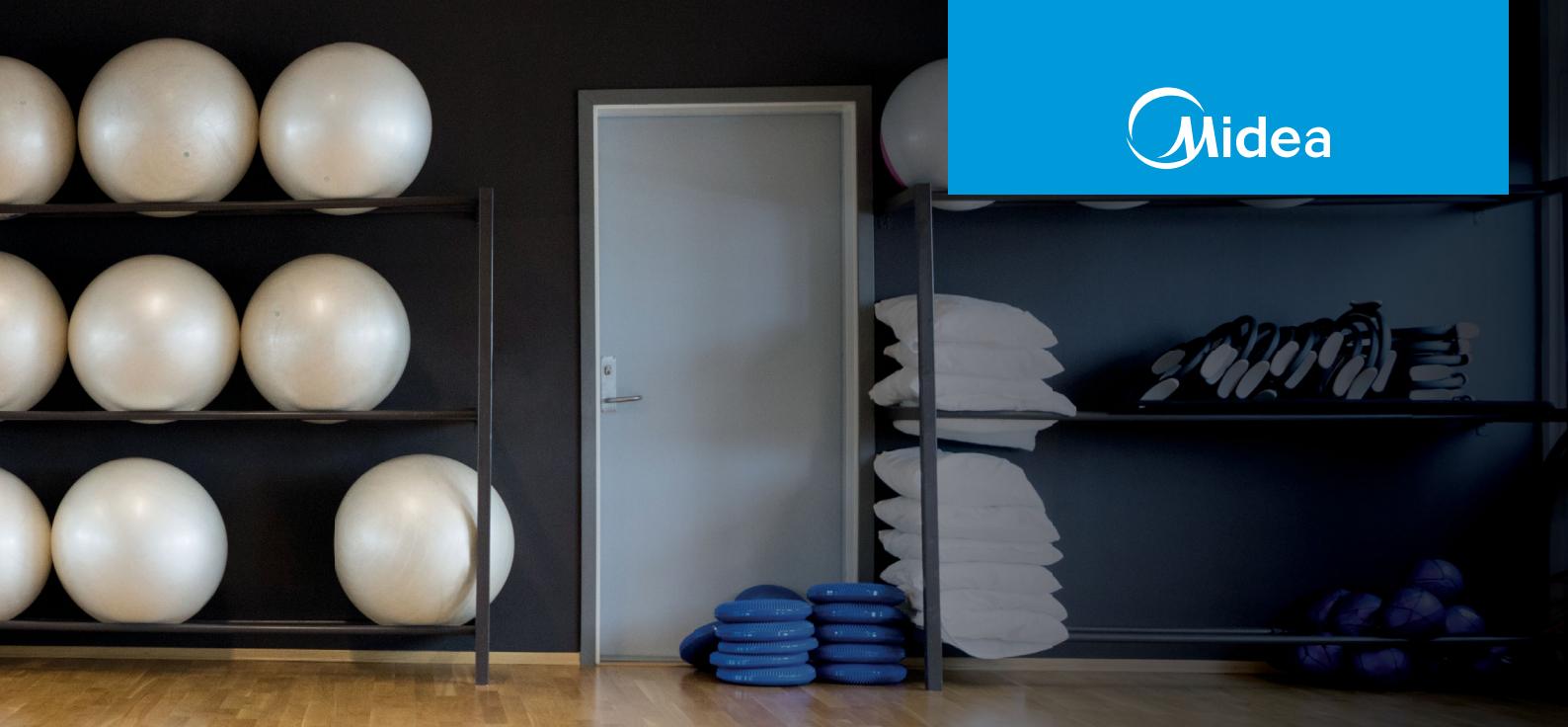
Optimized duct and indoor fan rotor design, makes the air conditioner much quieter during its operation. Lowest at 23dB.

WIDE RANGE VERTICAL AIR SUPPLY

The uniquely designed cylinder body helps to deliver more vertical airflow compared with conventional floor standing unit.

EASY CLEAN

The air inlet grille and filter are easy to remove, making the cleaning process much easier.



Power Airflow



15 Meters Long Distance Wind Blast



Hidden VLED Display



Wind Avoid Me



Touch Control



3D Airflow

MFGD POWERFUL AIRFLOW

Equipped with a powerful DC motor and a large diameter centrifugal blower wheel to achieve an airflow up to 2300m³/h. Means that a 100m² room can be fully filled cool air in only 7 minutes* providing significant cooling performance.

15 METERS LONG DISTANCE WIND BLAST

The large air outlet and six large air directing blades, enable an airflow distance up to 15m.

HIDDEN VLED DISPLAY

The hidden VLED display screen is easy to read yet beautiful.

WIND AVOID ME

With one tap of button, the airflow direction is automatically adjusted to the maximum angle to prevent direct cold / hot drafts.

TOUCH CONTROL

The control buttons are embed into the body so that the unit can be controlled with only a gentle touch.

3D AIRFLOW

Midea's 3D airflow function combines vertical and horizontal auto swing to spread comfort more widely throughout the room.

*Based on specific engineering design indoor characteristics.



Auto Restart



Golden Fin



Hidden VLED Display



Wind Avoid Me



Touch Control



Front Air Inlet

MFGA AUTO RESTART

In the event of a sudden power failure, air conditioner restarts automatically and will operate based on the previous setting.

GOLDEN FIN

The Innovative anti-corrosion coating on the fin, helps to prevent bacteria and enhance the efficiency of the heat transfer.

SELF DIAGNOSIS & AUTO-PROTECTION

In the case of abnormal operation, the unit will protect the system by shutting down automatically. Meanwhile the error code enables engineers to identify the problem quickly.

FRONT AIR INLET

In the case of abnormal operation, the unit will protect the system by shutting down automatically. Meanwhile the error code enables engineers to identify the problem quickly.



MFYA



MFGD



MFGA

FLOORSTANDING

Indoor		MFYA400-24ARFN1-QRDOW	MFGD-48HRFN8-QRDO	MFGA-55FN1RDO
Outdoor		MOX401UL-24AFN1-QRDOW	MOE30U-48HFN8-RRDO	MOU-55FN1-RDO
Cooling	Capacity	Btu/h	24000(2340-29100)	48000 (16917-52749)
	Capacity	kW	7.03 (0.68-8.53)	14.06 (4.96-15.46)
	SEER	W/W	6.1	6.1
	Energy Efficiency Class		A++	A++
	Input	W	2340(570-3600)	4950 (1158-5909)
	Current	A	10.4(2.5-16.0)	8.00 (1.77-9.97)
Heating	Capacity	Btu/h	26000(9600-33400)	55000 (15000-63081)
	Capacity	kW	7.03 (0.68-8.53)	14.06 (4.96-15.46)
	SCOP	W/W	4	4.0
	SCOP(warmer)	W/W	4.6	5.1
	Energy Efficiency Class		A+	A+
	Input	W	2000(1450-3150)	5200 (1022-6200)
	Current	A	8.9(6.7-14.0)	8.50 (1.6-10.54)
	Power supply (Indoor)	V,Hz,Ph	220-240V,1Ph, 50Hz	220-240V,1Ph, 50Hz
	Power supply (Outdoor)	V,Hz,Ph	220-240V,1Ph, 50Hz	380-415V,3Ph, 50Hz
	Max. input consumption	W	4850	6200
	Max. current	A	20	11.2
	Indoor air flow (Hi/Mi/Lo)	m³/h	990/760/640	2413/2222/2027
	Outdoor air flow	m³/h	3500	7500
	Indoor noise level (Hi/Mi/Lo)	dB(A)	39.5/37.5/34.5	55/53/51.5
	Indoor sound power level (Hi)	dB(A)	59	66
	Outdoor sound pressure level	dB(A)	58.5	65
	Outdoor sound power level (Hi)	dB(A)	68	70
Indoor unit	Dimension (WxDxH)	mm	405x405x1775	629x456x1935
	Packing (WxDxH)	mm	2000x510x490	2055x750x575
	Net/Gross weight	kg	29.9/38.4	58.4/77.1
Outdoor unit	Dimension (WxDxH)	mm	890x342x673	952x415x1333
	Packing (WxDxH)	mm	995x398x740	1095x495x1480
	Net/Gross weight	kg	44.7/47.9	106.7/119.9
Refrigerant	Type		R410A	R410A
	Charged quantity	kg	1.95	2.8
Refrigerant piping	Liquid side/ Gas side	mm(inch)	6.35mm(1/4in)/12.7mm(1/2in)	9.52mm(3/8in)/15.9mm(5/8in)
	Max. refrigerant pipe length	m	50	65
	Max. difference in level	m	25	30
Drainage water pipe dia.		mm	ODΦ25mm	ODΦ25mm
Operation temperature		°C	16-30	16-30
Room temperature	Cooling	°C	17-32	17-32
	Heating	°C	0-30	0-30
Ambient temperature	Cooling	°C	-15-50	-15-50
	Heating	°C	-15-24	-15-24
Controller		Remote Control	Remote Control	Remote Control

Nominal Conditions: Cooling; indoor 27°C DB, 19°C WB, outdoor 35°C DB, 24°C WB.
Nominal Conditions: Heating; indoor 20°C DB, outdoor 7°C DB, 6°C WB.

SEE QUICK REFERENCE GUIDE FOR REFRIGERANT CONTRIBUTIONS

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

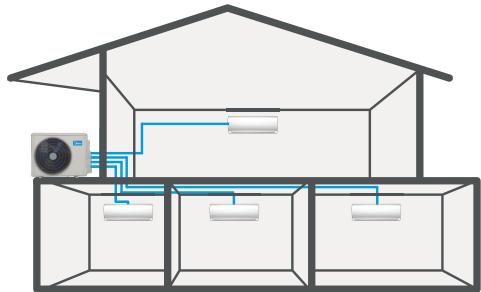


Midea Air App





MULTI SPLIT OUTDOOR UNITS



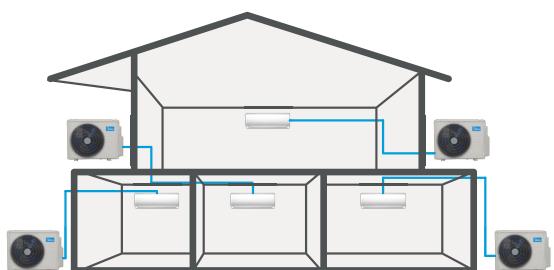
FLEXIBLE INSTALLATION

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 80 metres can be accommodated.



Flexible installation



Dedicated indoor units



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 (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 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
Ambient temperature	Max. height difference between indoor units	m	10	10	10
	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)
	Capacity	kW	2.6 (0.91 ~ 3.40)	3.5 (1.08-4.1)	5.2 (1.91-6.14)
Heating	Capacity	Btu/h	10000 (2800 ~ 11500)	13000 (3700-14400)	19000 (3552-23600)
	Capacity	kW	2.93 (0.82 ~ 3.37)	3.74 (1.08-4.22)	5.57 (1.04-6.91)
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
	Packing (W*D*H)	mm	870x285x360	870x270x365	1035x305x380
	Net/Gross weight	kg	7.9/10.3	7.9/10.3	10.3/13.3
Refrigerant piping	Liquid side/ Gas side	mm(inch)	Φ6.35/Φ9.52(1/4"/3/8")	Φ6.35/Φ9.52(1/4"/3/8")	Φ6.35/Φ12.7(1/4"/1/2")
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
	Heating	°C	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)
	Capacity	kW	2.64 (1.02 ~ 3.22)	3.51 (1.38 ~ 4.30)	5.28 (3.39 ~ 5.90)
Heating	Capacity	Btu/h	10000 (2800 ~11500)	13000 (3650 ~14950)	19000 (10580 ~19960)
	Capacity	kW	2.93 (0.82 ~ 3.37)	3.81 (1.07 ~ 4.38)	5.56 (3.10 ~ 5.85)
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
	Packing (W*D*H)	mm	790x270x375	905x290x355	1045x405x315
	Net/Gross weight	kg	8/10.5	8.7/11.5	11.2/14.6
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")
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
	Heating	°C	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
	Packing (W*D*H)	mm	860x540x275	860x540x275
	Net/Gross weight	kg	18/22	18/22
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
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-MBG-03C3	T-MBG-03C3	T-MBG-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
	Packing (W x Dx H)(body)	mm	662x662x317	662x662x317
	Dimension (W x Dx H)(panel)	mm	647x647x50	647x647x50
	Packing (W x Dx H)(panel)	mm	715x715x123	715x715x123
	Net/Gross weight(body)	kg	14.5/19.3	16.2/21.4
	Net/Gross weight (panel)	kg	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
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-12HRFNX	MFAU-16HRFN8
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)	700x600x210	700x600x210
	Packing (WxDxH)	780x685x300	780x685x300
	Net/Gross weight	kg	14.6/18.1
Refrigerant piping	Liquid side/ Gas side	mm(mm)	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
12	9+12	12+16
16	9+16	12+18
18	9+18	

M4O-36FN8-Q

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



M3 – UP TO 3 INDOORS

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

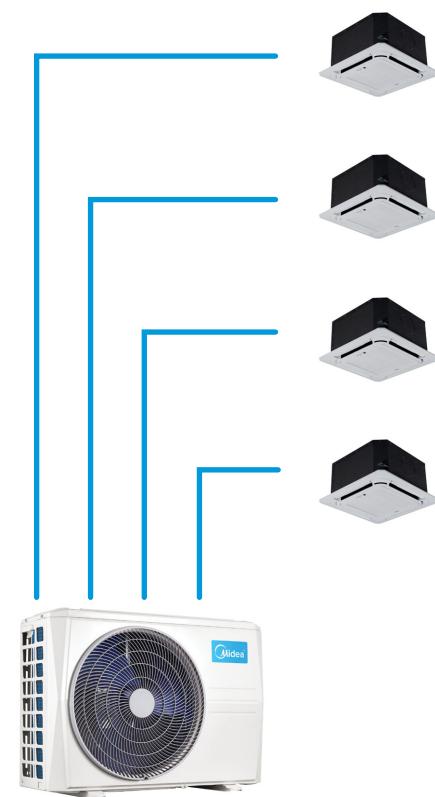


M4 – UP TO 4 INDOORS

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

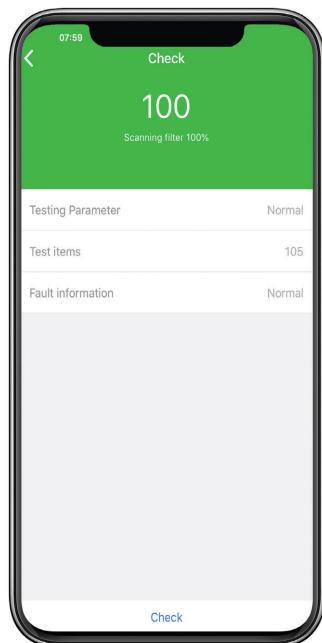
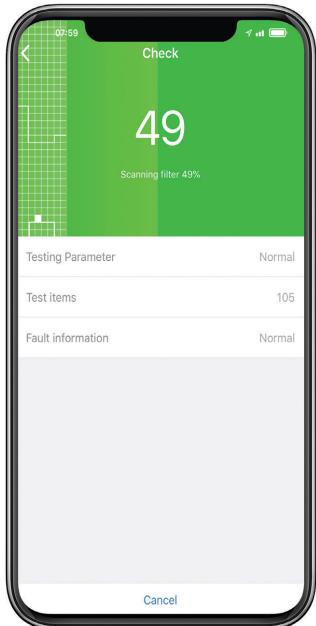
M5 – UP TO 5 INDOORS

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%



ANDROID APP ON
Google play

Download on the
App Store



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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