



AG ECO - WALL MOUNTED

Midea's AG Eco wallmounted range is highly efficient (SEER A++) and ideal for heating and cooling spaces in homes or offices. Available from 2kW-8kW, the range has a unique design and the latest inverter technology for an easy and economical set-up and operation at an affordable price.

SLEEK AND ELEGANT DESIGN

A sleek design with attractive blue edge, the unit will complement any interior. Set temperature or room temperature is conveniently displayed on the indoor unit at the touch of a button.

3D AIR FLOW WITH VERTICAL & HORIZONTAL SWING

The louvers move automatically in all directions, ensuring even air distribution in all corners of the room.

TURBO FUNCTION

When activated, the indoor unit fan starts running at maximum speed to ensure the desired temperature is achieved as quickly as possible. The mode lasts a maximum of 20 minutes, after which it automatically returns to the preset mode.

'FOLLOW ME' SENSITIVE COOLING

Keep the remote close to you and it will measure the temperature around you and adjust comfort levels accordingly.

SELF-CLEANING OUTDOOR UNIT

At the end of each operation the outdoor unit fan will run in reverse, removing dust to improve efficiency and reduce wear and tear.

OPTIONAL MULTI FUNCTION CONTROL BOARD

Offers volt free switching from third party controls and a fault status output. It also allows the range to be integrated into a Midea central controller or to be controlled via a Midea 2 core hard wired controller with 7 day timer.

WI-FI CONTROL

Control the air conditioner easily via the MSmartHome APP on your smartphone. With just a simple swipe, you will be able to turn on/off the air conditioner and select the appropriate mode and temperature.

Voice Control available by Alexa & Google Assistant.



Indoor unit



Outdoor unit



IR Controller RG10-S (included)



Wired Controller KJR-120X+MFCB



Wired Controller KJR29B



WiFi Control



Three-Dimensional Airflow



Gear Change



Weekly Timer (Via App)



8°C Heating



Refrigerant Leakage Detect



Self-diagnosis and Auto-protection



Anti-cold Air Function



Turbo Mode



Optional Wired Control



Follow Me



Sleep Mode



High Density



Cold Catalyst



Self-cleaning



2-way Draining



Auto Restart Function



24-hour Timer



LED



Low Ambient Temperature Kit



Voice Control



MSmartHome



GAME CHANGING HVAC

AG ECO - WALL MOUNTED

INDOOR			AG2Eco-09NXD0-I(U2)	AG2Eco-12NXD0-I(U2)	AG2Eco-18NXD0-I(U2)	AG2Eco-24NXD0-I(U2)
OUTDOOR			AG2Eco-09N8D0-O(U2)	AG2Eco-12N8D0-O(U2)	AG2Eco-18N8D0-O(U2)	AG2Eco-24N8D0-O(U2)
Nominal Cooling Capacity (min-max)		kW	2.64 (1.02 - 3.22)	3.51 (1.37 - 4.30)	5.27 (3.39 - 5.89)	7.03 (2.11 - 8.20)
Nominal Heating Capacity (min-max)		kW	2.93 (0.82 - 3.37)	3.80 (1.69 - 4.38)	5.56 (3.10 - 5.84)	7.32 (1.55 - 8.20)
UK Total Cooling Capacity		kW	3.06	4.08	5.59	7.79
Power supply (indoor power via outdoor)		V-Hz-Ph	220-240V- 50Hz, 1Ph	220-240V- 50Hz, 1Ph	220-240V- 50Hz, 1Ph	220-240V- 50Hz, 1Ph
Cooling Current (min-max)		A	3.18 (0.35-4.78)	4.76 (0.5-7.2)	6.7(2.4-9)	10.5(1.8-13.9) 9.3(1.3-
Heating Current (min-max)		A	3.35 (0.32-4.32)	4.46 (0.5-6.4)	7.6(3.4-8.7)	13.5)
Max. Current		A	10	10	13	19
Outdoor Recommended Fuse Size		A	16	16	16	20
Interconnecting/Indoor Power Wiring		No.	5 Core 1.5mm*	5 Core 1.5mm*	5 Core 1.5mm*	5 Core 2.5mm*
Seasonal Efficiency SEER/Class		W/W	7.4/A++	7.0/A++	7.0/A++	6.4/A++
Seasonal Efficiency SCOP/Class		W/W	4.1/A+	4.2/A+	4.0/A+	4.0/A+
Indoor air flow (High- Low)		m ³ /h	520/460/330	530/400/350	800/600/500	1090/770/610
Indoor Sound Pressure Level (High-Low)		dB(A)	37/32/22/20	37/32/22/21	41/37/31/20	46/37/34.5/21
Indoor unit	Dimensions (W*D*H)	mm	726x210x291	835x208x295	969x241x320	1083x244x336
	Packing (W*D*H)	mm	790x270x375	905x290x355	1045x315x405	1155x315x415
	Net/Gross weight	Kg	8/10.5	8.7/11.5	11.2/14.6	13.6/17.3
Outdoor air flow		m ³ /h	1850	1850	2100	3500
Outdoor sound pressure level		dB(A)	55.5	55	57	60
Outdoor unit	Dimensions (W*D*H)	mm	720x270x495	720x270x495	874x330x554	955x342x673
	Packing (W*D*H)	mm	835x300x540	835x300x540	915x370x615	995x398x740
	Net/Gross Weight	Kg	23.5/25.4	23.7/25.5	33.5/36.1	43.9/46.9
Refrigerant	Type		R32	R32	R32	R32
	GWP		675	675	675	675
	Charged quantity	Kg	0.6	0.65	1.1	1.45
	Additional charge	g/m	12	12	12	24 Ø9.52/
Refrigerant piping	Liquid side/ Gas side	mm (inch)	Ø6.35/ Ø9.52(1/4"/3/8")	Ø6.35/ Ø9.52(1/4"/3/8")	Ø6.35/Ø12.7(1/4"/1/2")	Ø15.9(3/8"/5/8")
	Max. Refrigerant pipe	m	25	25	30	50
	Max. height difference	m	10	10	20	25
Thermostat type			Remote Control	Remote Control	Remote Control	Remote Control
Operating temperature	Indoor (cooling/ heating)	°C	16-32/0-30	16-32/0-30	16-32/0-30	16-32/0-30
	Outdoor (cooling/heating)	°Cw	-15-50/-15-24	-15-50/-15-24	-15 -50/-15-24	-15-50/-15-24

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.
 UK Conditions: Summer: indoor 21°C DB, 15°C WB, outdoor 27°C DB.

Sound Pressure is measured 1.0m below the air-outlet at Nominal Conditions.
 *4 Core option is available.
 Larger wall mounted units available



BREEZELESS+ - WALL MOUNTED

Midea's innovative Breezeless+ wall mounted range uses the world's first TwinFlap™ technology with 7,928 mini-hole matrix. The matrix softens the airflow so you can barely feel it, leaving you comfortably cool without any unpleasant blasts of cold air. Benefiting from an energy efficiency rating of A+++, the units have a 'boost mode' to cool your space in just 40 seconds.

BREEZELESS+ EFFECT

Breezeless+ is equipped with TwinFlap™. The two opposite flaps, with 7,928 micro-holes are designed to turn the airflow into thousands of tiny particles of cool air, softening the airflow to eliminate the feeling of cold air blasts.

SIDE OUTLET

Breezeless+ is the first and only split air conditioner with "side outlet". The S-Wing design allows for outlets on two sides of the unit to work along with the front outlet to disperse cool air. This helps the Breezeless+ unit to cool down the room more evenly and effectively than conventional air conditioners.

SELF-CLEANING OUTDOOR UNIT

At the end of each operation the outdoor unit fan will run in reverse, removing dust to improve efficiency and reduce wear and tear.

RAPID COOLING

With ultra-high inverter compressor operation speed (65Hz within 6s), ultra-fast fan, and ultra-wide air outlet (70mm), Breezeless+ can rapidly decrease the room temperature within 60 seconds.

ECONOMIC MODE

This function allows you to enjoy comfortable conditions with significant energy savings in economic mode vs. Automatic mode.

FILTERS AND SELF-CLEANING

The filters eliminate bacteria, viruses, allergens, dust and bad odours. The self-cleaning function eliminates condensation water and expels bacteria.

Please note: if humidity levels in a room rise above standard conditions the system will automatically switch to normal operation. This is to deal with the load before reverting back to Breezeless mode.



Indoor unit



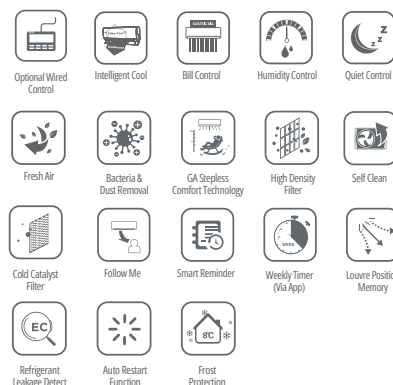
Outdoor unit



IR Controller RG10-B
(included)



Wired Controller KJR29B



Voice Control



MSmartHome

BREEZELESS+ - WALL MOUNTED

INDOOR			MSFAAU-09HRFN8	MSFAAU-12HRFN8
OUTDOOR			MOB01-09HFN8	MOB01-12HFN8
Nominal Cooling Capacity (min-max)		kW	2.64 (0.85 - 3.28)	3.52(1.31- 4.37)
Nominal Heating Capacity (min-max)		kW	2.93 (0.79 - 3.37)	3.81 (0.88 - 4.54)
UK Total Cooling Capacity		kW	3.17	4.15
Power Supply (indoor power via outdoor)		V-Hz-Ph	220-240, 50Hz/1Ph	220-240, 50Hz/1Ph
Cooling Current (min-max)		A	2.8 (0.4-5.0)	3.72 (0.6-7.4)
Heating Current (min-max)		A	2.76 (0.32-4.32)	4.2 (0.5-6.7)
Max. current		A	10.5	10.5
Outdoor Recommended Fuse Size		A	16	16
Interconnecting/Indoor Power Wiring		No.	5 Core 1.5mm*	5 Core 1.5mm*
Seasonal Efficiency SEER/Class		W/W	8.5/A+++	8.5/A+++
Seasonal Efficiency SCOP/Class		W/W	4.6/A++	4.6/A++
Indoor Air Flow (High to Low)		m ³ /h	610/500/380	640/520/400
Indoor Sound Pressure Level (High to Low)		dB(A)	38/35/21/19	39/36/21/20
Indoor unit	Dimensions (W*D*H)	mm	940x193x325	940x193x325
	Packing (W*D*H)	mm	1055x385x290	1055x385x290
	Net/Gross Weight	Kg	10.7/13.8	10.7/13.8
Outdoor air flow		m ³ /h	2000	2000
Outdoor Sound Pressure Level		dB(A)	53	53
Outdoor unit	Dimensions (W*D*H)	mm	800x333x554	800x333x554
	Packing (W*D*H)	mm	920x390x615	920x390x615
	Net/Gross Weight	Kg	29.3/32.1	29.3/32.1
Refrigerant	Type		R32	R32
	GWP		675	675
	Charged quantity	Kg	0.69	0.69
	Additional Charge	g/m	12	12
Refrigerant piping	Liquid side/Gas side	mm(inch)	Ø6.35/Ø9.52(1/4"/3/8")	Ø6.35/Ø9.52(1/4"/3/8")
	Max. refrigerant pipe	m	25	25
	Max. height difference	m	10	10
Thermostat type			Remote Control	Remote Control
Operating temperature	Indoor (cooling/ heating)	°C	16-32/0-30	16-32/0-30
	Outdoor (cooling/heating)	°C	-15-50/-25-30	-15-50/-25-30

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.

UK Conditions: Summer; indoor 21°C DB, 15°C WB, outdoor 27°C DB.
Sound Pressure is measured 1.0m below the air-outlet at Nominal Conditions.
*4 Core option is available.

SPLIT SYSTEMS



180° Spinning Wind Deflector



Precise Control Spherical Air Outlet



Vertical 0° Waterfall Flow



Horizontal 0° Ceiling Flow



Energy Saving Inverter Tech



Ultra Quiet Bezier Curve Design



Air Clean Technology



Gear Shift



1kW Standby



Eco Mode



i-Clean



Dehumidify



Dual Filter



Intelligent Dusting Switch



Prime Guard



Air Magic



Magnetic Colourful Panel



Voice Control



Smart Home



WiFi



PENROSE XT WALL MOUNTED



Available from 2.6kW to 5.5kW, the Midea Penrose XT wall mounted series achieves market leading energy efficiency with a SEER of 8.8 (A+++) and SCOP of 4.6 (A++). The stylish units, with attractive mirror finish provide complete cooling for the whole room.

COMPLETE COOLING FOR THE WHOLE ROOM

The air duct can rotate 180°, which brings a faster and stronger cooling effect. The system will adjust the louver angles and fan speed automatically cooling the whole room quickly and evenly.

FLASH COOLING

Vertical 0° Waterfall Flow.

Flash Cooling with a soft and gentle airflow, without the feeling of cold draughts.

Horizontal 0° Ceiling Flow.

Creates a comfortable environment for all users.

VERTICAL HEATING FLOW

The warm air flow cascades from the wall to the ground vertically. As the warmer air is lighter, the warmer air can fill the whole room from the bottom to top gradually, providing a cozy warm room.

ENERGY SAVING

1kW Standby

Intelligent on-off technology puts Midea products automatically into energy-saving mode when on standby mode. This achieves 80% energy savings.

Gear Shift

Cut your energy consumption in 3 operating power options.

1.296 kW-h per night

Choose Eco mode to save energy for 8 hours.

LOW NOISE OPERATION

Minimal noise, down to 19dB (A).

HEALTHY ENVIRONMENT

Dual Filtration System

Eliminate harmful substances in two successive steps.

i-Clean Technology

4 step cleaning technology for clean, fresh air.

Air Magic

3 trillion positive and negative ions effectively eliminate bacteria, viruses, microorganisms and other harmful substances for fresh, healthy air.

SELF-CLEANING OUTDOOR UNIT

At the end of each operation the outdoor unit fan will run in reverse, removing dust to improve efficiency and reduce wear and tear.



Indoor unit



Outdoor unit



IR Controller RG10-S (included)



Wired Controller KJR-120M1+MFCB (Optional)



Wired Controller KJR29B (Optional)

SPLIT SYSTEMS



PENROSE XT WALL MOUNTED

INDOOR			MSXTBU-09HRFN8	MSXTBU-12HRFN8	MSXTBU-18HRFN8
OUTDOOR			MOX230-09HFN8	MOX230-12HFN8	MOX301-18HFN8
Nominal Cooling Capacity (min-max)		kW	2.63 (1.23 - 3.29)	3.72 (1.31 - 4.30)	5.27 (1.81 - 6.00)
Nominal Heating Capacity (min-max)		kW	2.93 (0.84 - 3.72)	3.80 (0.87 - 4.39)	5.56 (1.25 - 6.15)
UK Total Cooling Capacity		kW	3.08	3.9	5.6
Power supply (indoor power via outdoor)		V-Ph-Hz	220-240V,1Ph,50Hz	220-240V,1Ph,50Hz	220-240V,1Ph,50Hz
Cooling Current (min-max)		A	2.6(0.4-5.5)	3.91(0.6-7.2)	7(0.6-10)
Heating Current (min-max)		A	2.7(0.4-5.7)	4.13(0.5-6.5)	7.3(0.95-10.2)
Max. current		A	10.5	10.5	13
Outdoor Recommended Fuse Size		A	16	16	16
Interconnecting/Indoor Power Wiring		No.	5 Core 1.5mm*	5 Core 1.5mm*	5 Core 1.5mm*
Seasonal Efficiency SEER/Class		W/W	8.8/A+++	8.5/A+++	6.3/A++
Seasonal Efficiency SCOP/Class		W/W	4.6/A++	4.6/A++	4.1/A+
Indoor air flow (High- Low)		m ³ /h	700/515/425	700/515/425	750/530/430
Indoor Sound Pressure Level (High-Low)		dB(A)	40/32.5/21.5	40/32.5/21.5	41.5/36.5/33.5/19
Indoor unit	Dimensions (W*D*H)	mm	920x211x321	920x211x321	920x211x321
	Packing (W*D*H)	mm	1005x385x295	1005x385x295	1005x385x295
	Net/Gross Weight	Kg	11.30/14.16	11.30/14.16	11.3/14.4
Outdoor air flow		m ³ /h	2200	2200	2100
Outdoor sound pressure level		dB(A)	53.5	53.5	54.5
Outdoor unit	Dimensions (W*D*H)	mm	765x303x555	765x303x555	805x330x554
	Packing (W*D*H)	mm	887x337x610	887x337x610	915x370x615
	Net/Gross Weight	Kg	26.4/28.8	26.4/28.8	33.5/36.1
Refrigerant	Type		R32	R32	R32
	GWP		675	675	675
	Charged quantity	Kg	0.7	0.7	1.1
	Charged to	m	5	5	5
	Additional Charge	g/m	12	12	12
Refrigerant piping	Liquid side/ Gas side	mm(inch)	Ø6.35/Ø9.52(1/4"/3/8")	Ø6.35/Ø9.52(1/4"/3/8")	Ø6.35/Ø12.7(1/4"/1/2")
	Max. refrigerant Pipe	m	25	25	30
	Max. height difference	m	10	10	20
Thermostat type			Remote Control	Remote Control	Remote Control
Operating temperature	Indoor (cooling/ heating)	°C	16-32/0-30	16-32/0-30	16-32/0-30
	Outdoor (cooling/heating)	°C	-15-50/-15-24	-15-50/-15-24	-15-50/-15-24
Thermostat type			664	774	880

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.

UK Conditions: Summer: indoor 21°C DB, 15°C WB, outdoor 27°C DB.

Sound Pressure is measured 1.0m below the air-outlet at Nominal Conditions.

*4 Core Option Available

If 4 Core method used, cable on 24 can be reduced to 4 Core* 1.5mm²

SPLIT SYSTEMS



Refrigerant Leakage Detect



Low Ambient Cooling



Sweet Dreams



Anti-cold Air Function



Louvre Position Memory



Auto Restart Function



24-hour Timer



"Diamond-Edged" Casing



Emergency Use Function



Remote Enable Port



Voice Control

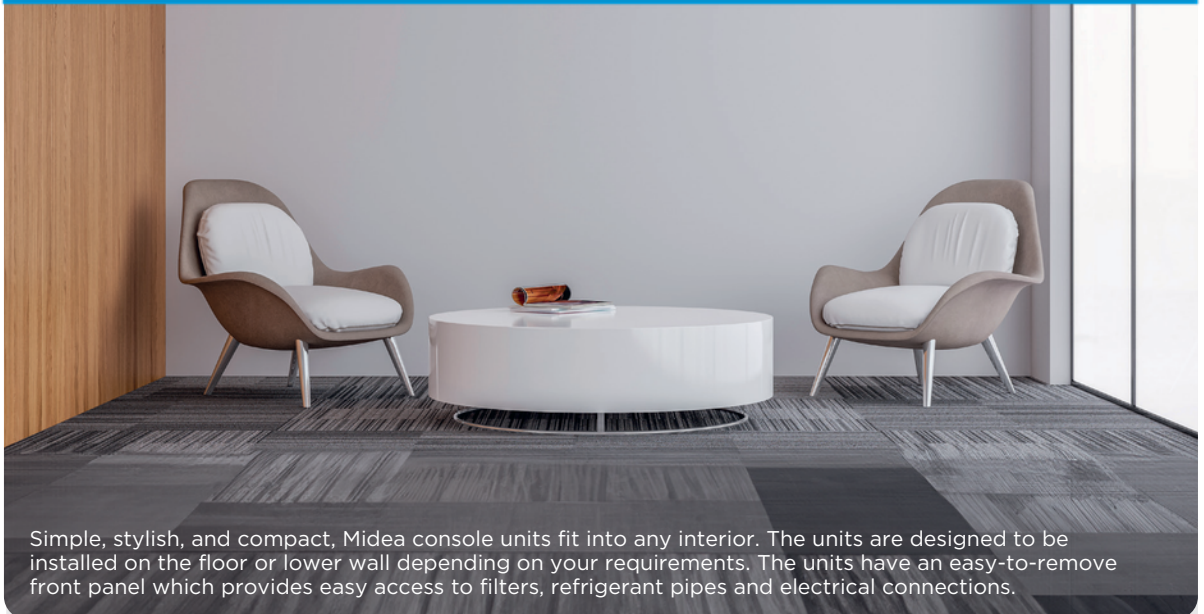


Smart Home



WiFi

CONSOLE



Simple, stylish, and compact, Midea console units fit into any interior. The units are designed to be installed on the floor or lower wall depending on your requirements. The units have an easy-to-remove front panel which provides easy access to filters, refrigerant pipes and electrical connections.

ELEGANT DESIGN, PERFECT FOR NEW BUILD AND RENOVATION PROJECTS

Midea's console unit can be installed standing on the floor, or wall-mounted. It is a great option for radiator replacement and will save space.

EFFICIENT COOLING & HEATING PERFORMANCE

Dual airflow outlets efficiently improve air volume, providing constant quick cooling and heating throughout the year.

QUIETER OPERATION

Optimised fan creates high energy efficiency while reducing noise levels.

AIR QUALITY

Smart humidity control keeps the ambient air dry and humidity levels comfortable. A built-in ion-generator neutralises airborne pollutants for a cleaner environment.

Health filters are fitted as standard;

Silver ion filter destroys and eliminates bacteria. Bio HEPA filter will absorb and decompose formaldehyde, remove dust, odours and other harmful gases such as VOCs and neutralise bacteria.

SMARTHOME APP

Via the SmartHome app, you can operate your console unit from almost anywhere, at any time.

3D AIRFLOW

The louvers of console indoor unit move automatically in all directions, ensuring even distribution of the air in all corners of the room.

FOLLOW ME

The remote control has a built-in temperature sensor that automatically regulates the operating temperature depending on the measured temperature in the area in which it is located.

EASY INSTALLATION & MAINTENANCE

Removable front panel with no electrical parts can be directly removed and washed, along with the removable washable filter. The new mounting plate enables flexible installation



Indoor unit



Outdoor unit



IR Controller RG10-S (included)



Wired Controller KJR-120M1+MFCB



Wired Controller KJR29B



SPLIT SYSTEMS



CONSOLE

INDOOR			MFA2U-12HRFNX(GA)	MFA2U-17HRFNX(GA)
OUTDOOR			MOX230-12HFN8-Q(GA)	MOX330U-18HFN8-Q(GA)
Nominal Cooling Capacity (min-max)		kW	3.52(0.76-4.25)	4.98(2.64-5.57)
Nominal Heating Capacity (min-max)		kW	3.81(0.45-4.69)	5.28(2.20-6.30)
UK Total Cooling Capacity		kW	3.82	5.01
Seasonal Efficiency SEER/Class		W/W	7.3/A++	6.7/A++
Seasonal Efficiency SCOP/Class		W/W	4/A+	4/A+
Power supply (indoor power via outdoor)		V- Ph-Hz	220-240V,1Ph,50Hz	220-240V,1Ph,50Hz
Cooling Current (min-max)		A	4.52 (1.4-5.9)	6.70 (2.95-8.70)
Heating Current (min-max)		A	4.43 (1.25-5.95)	6.40 (2.75-8.50)
Max.Current		A	9	13.5
Recommended Fuse Size (Outdoor)		A	16	16
Interconnecting/Indoor Power Wiring		No.	4 Core 1mm2	4 Core 1mm2
Indoor air flow (High - Low)		m3/h	650/580/490	780/690/600
Indoor Sound Pressure Level (High-Low)		dB(A)	37/34/27/23	41/38/32/26
Indoor unit	Dimension (WxDxH) (body)	mm	794x200x621	794x200x621
	Packing (WxDxH)(body)	mm	865x280x719	865x280x719
	Net/Gross weight (body)	Kg	14.9/18.8	14.9/18.8
Drainage water pipe dia.		mm	ODØ16mm	ODØ16mm
Outdoor air flow		m3/h	2200	2100
Outdoor sound pressure level		dB(A)	51	53
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
	GWP		675	675
	Charged quantity	Kg	0.72	1.15
	Charged to	m	5	5
	Additional Charge	g/m	12	12
Refrigerant piping	Liquid side/ Gas side	mm(inch)	Ø6.35/Ø9.52(1/4"/3/8")	Ø6.35/Ø12.7(1/4"/1/2")
	Max. pipe length	m	25	30
	Max. height difference	m	10	20
Operating temperature	Indoor (Cooling/Heating)	°C	16-32/0-30	16-32/0-30
	Outdoor (Cooling/Heating)	°C	-15-50/-15-24	-15-50/-15-25

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.

UK Conditions: Summer: indoor 21°C DB, 15°C WB, outdoor 27°C DB.

Sound Pressure is measured 1.0m below the air-outlet at Nominal Conditions.

SPLIT SYSTEMS



Refrigerant Leakage Detect



Low Ambient Cooling



Anti-cold Air Function



Louvre Position Memory



Emergency Use Function



Remote Enable Port



360° Air Flow Panel



Error Alarm Port



Twin Combination



Fresh Air Inlet



Temperature Compensation



Built-in Drain Pump



Wired Control



Central Control Management



Voice Control



Smart Home



WiFi

BREEZELESS+ ROUNDFLOW CASSETTE



The Midea compact Round Flow cassette is the perfect solution for commercial, office or retail spaces. It features a 360° air outlet which provides even airflow circulation to cool or heat every corner of a room and keep a constant temperature.

BREEZELESS+ EFFECT

10,800 hourglass-shaped micro holes turn the airflow into thousands of tiny particles of cool air, softening the airflow to eliminate the feeling of cold draughts.

360° AIRFLOW OUTLET

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

‘FOLLOW ME’ SENSITIVE COOLING

Keep the remote close to you and it will measure the temperature around you and adjust comfort levels accordingly.

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 is mounted externally for easy maintenance, it is vertically exhausted and pumps up to 1000mm.

LED FASCIA DISPLAY

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

INDEPENDENT VANE CONTROL

The direction of each vane can be set independently via the wired controller.

SUPER SLIM DESIGN

The height of the units starts from just 205mm.

TWIN COMBINATIONS

Outdoor unit sizes 36,42,48 & 55 can be installed with two indoor units for increased flexibility.

REMOTE SIGNAL

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

Please note:

1. For full Breezeless+ function set dip switch SW2-No.2 to on. Once active it can be enabled via (optional) infra-red controller.
2. If humidity levels in a room rise above standard conditions the system will automatically switch to normal operation. This is to deal with the load before reverting back to Breezeless mode.

SMARTHOME APP

New wired controller has built in WiFi, allowing you to operate your system from almost anywhere, at any time.



Indoor unit



Outdoor unit



IR Controller RG10-B
(included)



Wired Controller KJR-120M1
(included)

SPLIT SYSTEMS



BREEZELESS+ CASSETTES, A6 DUCT, CEILING & FLOOR KJR-120M1 - 2-Core Controller



1L
2N
E
S



HA + HB



KJR-120M1

BREEZELESS+ ROUNDFLOW CASSETTE

INDOOR			MCD1-24HRFNX(GA)(18)	MCD1-24HRFNX(GA)	MCD1-36HRFN8(GA)	MCD1-42HRFNX(GA)
OUTDOOR			MOX330U-18HFN8-Q(GA)	MOX430U-24HFN8-Q(GA)	MOD30U-36HFN8-Q(GA)	MOD30U-42HFN8-Q(GA)
Nominal Cooling Capacity (min-max)		kW	5.28(2.90-5.59)	7.03 (3.22-8.21)	10.55 (4.04-12.02)	12.31 (2.58-13.7)
Nominal Heating Capacity (min-max)		kW	5.57(2.37-6.10)	7.62 (2.81-8.94)	11.14 (2.78-12.30)	13.48 (3.37-14.07)
UK Total Cooling Capacity		kW	5.3	7.78	11.39	12.13
Seasonal Efficiency SEER/Class		W/W	6.2A++	6.2A++	6.7/A++	6.1/A++
Seasonal Efficiency SCOP/Class		W/W	4/A+	4/A+	4/A+	4/A+
Power supply (indoor power via outdoor)		V-Ph-Hz	220-240V,1Ph,50Hz	220-240V,1Ph,50Hz	220-240V,1Ph,50Hz	220-240V,1Ph,50Hz
Cooling Current (min-max)		A	7.2(3.2-9.2)	10.2 (4.2-12)	17.5 (4.2-18.5)	18.8 (3.1-19.1)
Heating Current (min-max)		A	6.8(3.1-8.5)	7.62 (2.81-8.94)	11.14 (2.78-12.30)	13.48 (3.37-14.07)
Max.Current		A	13.5	19	22.5	22.5
Recommended Fuse Size (Outdoor)		A	16	20	32	32
Interconnecting/Indoor Power Wiring		No.	4 Core 1mm ²	4 Core 1mm ²	4 Core 1mm ²	4 Core 1mm ²
Indoor air flow (High - Low)		m ³ /h	1247/1118/992	1247/1118/992	1700/1530/1300	1900/1750/1600
Indoor Sound Pressure Level (High-Low)		dB(A)	50/47.5/42/29	50/47.5/42/29	51/49/46/39	52.5/50/47.5/40
Indoor unit	Dimensions (WxDxH) (body)	mm	830x830x205	830x830x205	830x830x245	830x830x287
	Packing (WxDxH) (body)	mm	910x910x250	910x910x250	910x910x290	910x910x330
	Dimensions (WxDxH) (panel)	mm	950x950x55	950x950x55	950x950x55	950x950x55
	Packing (WxDxH) (panel)	mm	1035x1035x90	1035x1035x90	1035x1035x90	1035x1035x90
	Net/Gross Weight (body)	Kg	21.6/25.4	21.6/25.4	27.2/31.2	29.3/33.5
	Net/Gross Weight (panel)	Kg	6/9	6/9	6/9	6/9
Drainage water pipe dia.		mm	ODØ25	ODØ25	ODØ25	ODØ25
Outdoor air flow		m ³ /h	2100	3500	4000	4000
Outdoor Sound Pressure Level		dB(A)	53	57	60	60
Outdoor unit	Dimensions (WxDxH)	mm	805x330x554	890x342x673	946x410x810	946x410x810
	Packing (WxDxH)	mm	915x370x615	995x398x740	1090x500x885	1090x500x885
	Net/Gross Weight	Kg	32.5/35.2	43.9/46.9	66.9/71.5	71.0/75.0
Refrigerant	Type		R32	R32	R32	R32
	GWP		675	675	675	675
	Charged quantity	Kg	1.15	1.5	2.4	2.8
	Charged to	m	5	5	5	5
	Additional Charge	g/m	12	24	24	24
Refrigerant piping	Liquid side/ Gas side	mm(inch)	Ø6.35/Ø12.7(1/4"/1/2")	Ø9.52/Ø15.9(3/8"/5/8")	Ø9.52/Ø15.9(3/8"/5/8")	Ø9.52/Ø15.9(3/8"/5/8")
	Max. pipe length	m	30	50	75	75
	Max. height difference	m	20	25	30	30
Operating temperature	Indoor (Cooling/ Heating)	°C	16-32/0-30	16-32/0-30	16-32/0-30	16-32/0-30
	Outdoor (Cooling/ Heating)	°C	-15-50/-15-25	-15-50/-15-24	-15-50/-15-24	-15-50/-15-24

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.

UK Conditions: Summer: indoor 21°C DB, 15°C WB, outdoor 27°C DB.

Sound Pressure is measured 1.5m below the air-outlet at Nominal Conditions.

SPLIT SYSTEMS



BREEZELESS+ ROUNDFLOW CASSETTE

INDOOR			MCD1-48HRFNX(GA)	MCD1-36HRFN8(GA)	MCD1-48HRFNX(GA)	MCD1-55HRFNX(GA)
OUTDOOR			MOE30U-48HFN8-Q(GA)	MOD30U-36HFN8-R(GA)	MOE30U-48HFN8-R(GA)	MOE30U-55HFN8-R(GA)
Nominal Cooling Capacity (min-max)		kW	14.07(3.52-15.83)	10.55 (4.04-12.02)	14.07(3.52-15.83)	15.53 (5.28-18.46)
Nominal Heating Capacity (min-max)		kW	16.12(4.10-17.29)	11.14 (2.78-12.30)	16.12(4.10-17.29)	18.17 (4.40-19.93)
UK Total Cooling Capacity		kW	15.28	11.39	15.28	17.22
Seasonal Efficiency SEER/Class		W/W	6.1/A++	6.3/A++	6.1/A++	6.3/A++
Seasonal Efficiency SCOP/Class		W/W	4/A+	3.9/A	4/A+	4/A+
Power supply (indoor power via outdoor)		V-Ph-Hz	220-240V,1Ph,50Hz	380-415V, 3Ph, 50Hz	380-415V, 3Ph, 50Hz	380-415V, 3Ph, 50Hz
Cooling Current (min-max)		A	21.7(5.79-25.9)	6.5 (1.4-6.5)	8.1 (1.8-10.2)	8.6 (2.1-10.7)
Heating Current (min-max)		A	20.5(6.52-26.3)	5.0 (1.3-6.4)	8.0 (1.9-9.5)	9.6 (2.1-10.7)
Max.Current		A	29	10	13	14
Recommended Fuse Size (Outdoor)		A	32	16	16	16
Interconnecting/Indoor Power Wiring		No.	4 Core 1mm ²	4 Core 1mm ²	4 Core 1mm ²	4 Core 1mm ²
Indoor air flow (High - Low)		m ³ /h	1900/1750/1600	1700/1530/1300	1900/1750/1600	2000/1850/1650
Indoor Sound Pressure Level (High-Low)		dB(A)	52.5/50.5/48/40	51/49/46/39	52.5/50.5/48/40	54.5/52/49.5/42
Indoor unit	Dimensions (WxDxH) (body)	mm	830x830x287	830x830x245	830x830x287	830x830x287
	Packing (WxDxH) (body)	mm	910x910x330	910x910x290	910x910x330	910x910x330
	Dimensions (WxDxH) (panel)	mm	950x950x55	950x950x55	950x950x55	950x950x55
	Packing (WxDxH) (panel)	mm	1035x1035x90	1035x1035x90	1035x1035x90	1035x1035x90
	Net/Gross Weight (body)	Kg	29.3/33.5	27.2/31.2	29.3/33.5	29.3/33.5
	Net/Gross Weight (panel)	Kg	6/9	6/9	6/9	6/9
Drainage water pipe dia.		mm	ODØ25	ODØ25	ODØ25	ODØ25
Outdoor air flow		m ³ /h	7500	4000	7500	7500
Outdoor sound pressure level		dB(A)	61	60	61	61
Outdoor unit	Dimensions (WxDxH)	mm	952x415x1333	946x410x810	952x415x1333	952x415x1333
	Packing (WxDxH)	mm	1095x495x1480	1090x500x885	1095x495x1480	1095x495x1480
	Net/Gross Weight	Kg	91.5/105.4	80.5/85	103.7/118.3	107.0/121.2
Refrigerant	Type		R32	R32	R32	R32
	GWP		675	675	675	675
	Charged quantity	Kg	2.9	2.4	2.9	3
			5	5	5	5
	Additional Charge	g/m	24	24	24	24
Refrigerant piping	Liquid side/ Gas side	mm(inch)	Ø9.52/Ø15.9(3/8"/5/8")	Ø9.52/Ø15.9(3/8"/5/8")	Ø9.52/Ø15.9(3/8"/5/8")	Ø9.52/Ø15.9(3/8"/5/8")
	Max. pipe length	m	75	75	75	75
	Max. height difference	m	30	30	30	30
Operating temperature	Indoor (Cooling/ Heating)	°C	16-32/0-30	16-32/0-30	16-32/0-30	16-32/0-30
	Outdoor (Cooling/ Heating)	°C	-15-50/-15-24	-15-50/-15-24	-15-50/-15-24	-15-50/-15-24

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.

UK Conditions: Summer: indoor 21°C DB, 15°C WB, outdoor 27°C DB.

Sound Pressure is measured 1.5m below the air-outlet at Nominal Conditions.