




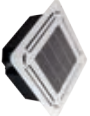






QUICK REFERENCE GUIDE - R32 SPLIT SYSTEMS

TYPE	CODE	COOLING kW (Min-Max)	HEATING kW (Min-Max)	PIPE SIZES	MAX PIPE LENGTH (M)	MAX PIPE HEIGHT (M)	CHARGE g/M	INTERCONNECTING CABLE	POWER TO	PH	Power Supply In (A)	Out (A)	LIST PRICE	MI PRO CONTRIBUTION	MI CARE CREDIT	Net Prices
AG ECO WALL MOUNTED																
	9	2.64(1.02-3.22)	2.93(0.82-3.37)	1/4" & 3/8"	25	10	12	5 Core 1.5mm²	Outdoor	1	Via Outdoor	16	636	30		
	12	3.51(1.37-4.30)	3.80(1.69-4.38)	1/4" & 3/8"	25	10	12	5 Core 1.5mm²	Outdoor	1	Via Outdoor	16	730	30		
	18	5.27(3.39-5.89)	5.56(3.10-5.84)	1/4" & 1/2"	30	20	12	5 Core 1.5mm²	Outdoor	1	Via Outdoor	16	1064	30		
	24	7.03(4.23-8.20)	7.32(1.55-8.20)	3/8" & 5/8"	50	25	24	5 Core 2.5mm²	Outdoor	1	Via Outdoor	20	1542	30		
BREEZELESS E - WALL MOUNTED																
	9	2.78(1.02-3.15)	2.93(1.02-3.81)	1/4" & 3/8"	25	10	12	5 Core 1.5mm²	Outdoor	1	Via Outdoor	16	788	30		
	12	3.77(1.37-4.39)	3.78(1.64-4.39)	1/4" & 3/8"	25	10	12	5 Core 1.5mm²	Outdoor	1	Via Outdoor	16	862	30		
	18	5.27(1.93-6.27)	5.56(1.28-7.0)	1/4" & 1/2"	30	20	12	5 Core 1.5mm²	Outdoor	1	Via Outdoor	16	1218	30		
	24	7.03(1.37 - 8.29)	7.32 (1.61 - 9.05)	3/8" & 5/8"	50	25	24	5 Core 1.5mm²	Outdoor	1	Via Outdoor	16	1700	30		
PENROSE XT- WALL MOUNTED																
	9	2.63(1.22-3.29)	2.92 (0.84-3.72)	1/4" & 3/8"	25	10	12	5 Core 1.5mm²	Outdoor	1	Via Outdoor	16	1064	30		
	12	3.72(1.31-4.30)	3.80 (0.87-4.39)	1/4" & 3/8"	25	10	12	5 Core 1.5mm²	Outdoor	1	Via Outdoor	16	1214	30		
	18	5.27(1.81-6.00)	5.56 (1.25-6.5)	1/4" & 1/2"	30	20	12	5 Core 1.5mm²	Outdoor	1	Via Outdoor	16	1420	30		
CONSOLE																
	12	3.52(0.76-4.25)	3.81(0.45-4.69)	1/4" & 3/8"	25	10	12	4 Core 1mm²	Outdoor	1	Via Outdoor	16	1414	60		
	17	4.98(2.64-5.57)	5.28(2.20-6.30)	1/4" & 1/2"	30	20	12	4 Core 1mm²	Outdoor	1	Via Outdoor	16	1782	60		
COMPACT ROUNDFLOW CASSETTE																
	12	3.52(0.85-4.16)	3.81(0.47-4.34)	1/4" & 3/8"	25	10	12	4 Core 1mm²	Outdoor	1	Via Outdoor	16	1364	60		
	18	5.28(2.90-5.99)	5.57(2.37-6.10)	1/4" & 1/2"	30	20	12	4 Core 1mm²	Outdoor	1	Via Outdoor	16	1808	60		
BREEZELESS+ ROUNDFLOW CASSETTE																
	24 (dipped to 8)	5.28(2.90-5.99)	5.57(2.37-6.10)	1/4" & 1/2"	30	20	12	4 Core 1mm²	Outdoor	1	Via Outdoor	16	1942	60		
	24	7.03(3.22-8.21)	7.62(2.81-8.94)	3/8" & 5/8"	50	25	24	4 Core 1mm²	Outdoor	1	Via Outdoor	20	2302	60		
	36	10.55(4.04-12.02)	11.14(2.79-12.30)	3/8" & 5/8"	75	30	24	4 Core 1mm²	Outdoor	11.3	Via Outdoor	32 16	2892	60		
	42	12.31(2.88-13.7)	13.48(3.37-14.07)	3/8" & 5/8"	75	30	24	4 Core 1mm²	Outdoor	1	Via Outdoor	32	3360	60		
	48	14.07(3.52-15.83)	16.12(4.10-17.29)	3/8" & 5/8"	75	30	24	4 Core 1mm²	Outdoor	11.3	Via Outdoor	32 16	3628	60		
	55	15.53(5.28-18.46)	18.17(4.40-19.83)	3/8" & 5/8"	75	30	24	4 Core 1mm²	Outdoor	3	Via Outdoor	16	4006	60		
CEILING AND FLOOR																
	18	5.28(2.71-5.86)	5.57(2.42-6.30)	1/4" & 1/2"	30	20	12	4 Core 1mm²	Outdoor	1	Via Outdoor	16	1702	60		
	24	7.03(3.22-8.29)	7.62(2.72-8.29)	3/8" & 5/8"	50	25	24	4 Core 1mm²	Outdoor	1	Via Outdoor	20	2098	60		
	36	10.55(3.93-12.02)	11.72(2.78-12.78)	3/8" & 5/8"	75	30	24	4 Core 1mm²	Outdoor	11.3	Via Outdoor	32 16	2998	60		
	48 (42 outdoor)	12.31(2.88-13.7)	13.48(3.37-14.07)	3/8" & 5/8"	75	30	24	4 Core 1mm²	Outdoor	1	Via Outdoor	32	3416	60		
DUCTED																
	48	14.07(3.52-15.24)	16.12(4.10-17.00)	3/8" & 5/8"	75	30	24	4 Core 1mm²	Outdoor	11.3	Via Outdoor	32 16	3628	60		
	55	15.83(5.28-18.46)	18.17(4.40-19.84)	3/8" & 5/8"	75	30	24	4 Core 1mm²	Outdoor	3	Via Outdoor	16	3786	60		
MTI																
	12	3.52(0.52-3.99)	3.81(0.00-4.39)	1/4" & 3/8"	25	10	12	4 Core 1mm²	Outdoor	1	Via Outdoor	16	1384	60		
	18	5.28(2.56-5.86)	5.57(2.20-6.15)	1/4" & 1/2"	30	20	12	4 Core 1mm²	Outdoor	1	Via Outdoor	16	1766	60		
	24	7.03(3.38-8.16)	7.62(2.81-8.49)	3/8" & 5/8"	50	25	24	4 Core 1mm²	Outdoor	1	Via Outdoor	20	2180	60		
	36	10.55(2.75-12.02)	11.72(2.78-12.78)	3/8" & 5/8"	75	30	24	4 Core 1mm²	Outdoor	11.3	Via Outdoor	32 16	3080	60		
	42	12.02(2.85-13.7)	13.48(3.37-14.07)	3/8" & 5/8"	75	30	24	4 Core 1mm²	Outdoor	1	Via Outdoor	32	3438	60		
	48	14.07(3.52-5.53)	16.12(4.10-18.17)	3/8" & 5/8"	75	30	24	4 Core 1mm²	Outdoor	11.3	Via Outdoor	32 16	3814	60		
	55	15.24(4.1-18.11)	18.17(4.40-20.52)	3/8" & 5/8"	75	30	24	4 Core 1mm²	Outdoor	3	Via Outdoor	16	3926	60		

* 4 Core Option Available



ERLING HAALAND
Midea Official Global Brand Ambassador



SCAN FOR OFFERS



GAME CHANGING COOLING & HEATING SOLUTIONS PRICE LIST 2025



Split systems | Multi splits | VRF systems | Heat pumps | Chillers





This is a QR code, you will see more of them floating around on the pages of the brochure. Use your camera to scan them and they will direct you to lots more helpful information.



CONTENTS

ABOUT MIDEA..... 4-5

SPLIT SYSTEMS..... 6-7

AG ECO - WALL MOUNTED..... 8-9

BREEZELESS E - WALL MOUNTED..... 10-11

PENROSE XT WALL MOUNTED..... 12-13

CONSOLE..... 14-15

A6 DUCT..... 16-19

BREEZELESS+ COMPACT ROUNDFLOW CASSETTE..... 20-21

BREEZELESS+ ROUNDFLOW CASSETTE..... 22-25

CEILING AND FLOOR..... 26-29

QUICK REFERENCE GUIDE..... 30-33

MULTI SPLIT SERIES..... 34-35

MULTI SPLIT OUTDOOR UNITS..... 36-39

MULTI SPLIT INDOOR UNITS..... 40-41

COMBINATION TABLES..... 42

MULTI SPLIT SYSTEMS..... 43

MULTI SPLIT QUICK REFERENCE GUIDE..... 44-45

SPLIT SYSTEMS CONTROLLERS..... 46-47

MIDEA SMARTHOME APP..... 48-49

VRF OUTDOORS..... 50-51

MINI VRF FULL DC INVERTER..... 52-55

VRF V8 HEAT PUMP SERIES..... 56-63

V6R HEAT RECOVERY..... 64-71

VRF MODE SWITCH (MS) BOX..... 72-71

VRF CONTROLLERS..... 75-75

VRF SELECTION SOFTWARE..... 76

BRANCH JOINTS..... 77

VRF INDOORS..... 78-79

VRF WALL MOUNTED..... 80-81

VRF ROUNDFLOW 4 WAY CASSETTE..... 82-83

VRF ROUNDFLOW COMPACT CASSETTE..... 84-85

VRF CEILING AND FLOOR..... 86-87

VRF FLOOR STANDING..... 88-89

VRF MEDIUM STATIC PRESSURE DUCT..... 90-91

VRF HIGH STATIC PRESSURE DUCT..... 92-93

VRF HEAT RECOVERY VENTILATION..... 94-95

VRF HYDROMODULE..... 96-97

VRF DX INTERFACE..... 98-99

M THERMAL R32 & R290 MONOBLOC..... 100-101

AIR TO WATER HEAT PUMP

AQUA THERMAL SUPER SERIES..... 102-103

MI PRO PARTNERSHIP SCHEME..... 104-105

WARRANTY..... 106-107

MI TRAINING..... 108-109

MIDEA AWARDS..... 110-111

SPLIT SYSTEMS ICONS GUIDE..... 112

TERMS AND CONDITIONS..... 113

MI DISCOUNT

SPLIT SYSTEMS

%

MULTI SPLIT SERIES

%

VRF OUTDOORS

%

VRF INDOORS

%

WARRANTY TERMS

CUSTOMER REF:

150,000+
employees

\$41.44 B
total
revenue

277th
on
Fortune
Global 500

**OWNERSHIP
STAKES**
80% Clivet
Italy
95% Kuka
Robotics
80% Toshiba
Lifestyle
Corporation
Japan

A WORLD CLASS OPERATION



Atlantis Hotel Dubai



Camp Nou Barcelona



UAE 5000 Villas Accommodation



Hilton Hotel Barcelona



2018 FIFA World Cup Russia



Beijing Capital Airport



NH Laguna Palace Hotel Italy



2016 Olympics Rio Brazil



Forest City Malaysia

Established in 1968, Midea is one of the world's fastest growing companies - ranked number 277 by Fortune Global 500 2024 - and a global manufacturer with factories in twelve countries across the world.

A TRUE GLOBAL PLAYER

With facilities in China, USA, Japan, Germany and Italy, Midea boasts an annual global HVAC capacity of over 52 million systems. In 2019 HVAC total global sales output reached over 40 million systems. This affirms Midea's place as the WORLD'S No 1 MANUFACTURER of HVAC products.

A DECADE OF GROWTH

Midea annual sales in the last ten years have grown from \$12bn to \$40bn per annum based on a simple strategy of providing innovative, affordable, robust and reliable air conditioning products. With automated production facilities in twelve countries, served by Midea owned German robotic automation, Midea provide GLOBAL manufacturing accuracy that is only matched by companies such as BMW and Mercedes Benz.

Manufacturing a comprehensive range of systems including; DX split systems (1kW to 70kW), VRF systems (3HP to 88HP), Air Cooled Chillers (25kW to 2000kW), Water Cooled Screw Chillers (365kW to 985kW), Air Handling units (200m³/hr to 240,000m³/hr) and even the world's most economical 7000kW Centrifugal Chiller, we can offer solutions for any environment.

INTERNATIONAL RECOGNITION

Midea has achieved over 40 design awards including reddot, iF, and the Good Design Awards, Midea also became the first manufacturer to receive the Eco-Friendly Blue Angel certification from the German environment agency after launching the world's first eco-friendly air conditioner.

FIVE STAR SUCCESS STORIES

With an operating temperature range, from -32°C to +67°C, Midea is the perfect choice for air conditioning in some of the world's harshest climates. This is demonstrated by a host of high profile customer success stories including the 2016 Rio de Janeiro Olympic Games, the 2018 FIFA World Cup in Russia and some of the largest VRF projects in the world.

ABOUT MIDEA UK & IRELAND

Having achieved over 20% market share in Europe by 2017, Midea, the world's largest air conditioning manufacturer realised that further growth was going to be difficult, especially in countries where the status quo had remained relatively unchanged. This was specifically true in the unique UK market which needed a strategic offering that wasn't based on price alone.

Midea understood the reluctance of UK installers to change manufacturers, due to a fear of poor support and after sales and the apparent need to meet alternative brand targets, believing this will support the competitive tender for pre-specified business.

A TRUE BUSINESS PARTNERSHIP IN EVERY SENSE

To overcome this reluctance Midea UK made the commitment to helping its customers not only win new business but retain business if they help to support and encourage the long term care of our products.

This was achieved by the introduction of the Mi Pro Partnership scheme which rewards certified FGAS installers for registering each installation and commissioning as well as the ongoing service and maintenance of the systems. Periodically maintaining the products after a professional FGAS installation during Mi Care visits not only offers the end user the lowest possible long-term running costs but also significantly reduces the wear and tear of the equipment's key components. This is backed up with an end user warranty of up to 10 years on all products - the market's longest - for regularly maintained and registered systems. This gives Midea Mi Pro partners the opportunity to win maintenance contracts of up to 10 years. Midea is also offering a Mi Pro Care Credit* of up to £150 per system on the successful registration of a first years service visit on the Midea Mi Pro Portal.

* Mi Care Credit can be used on future orders.

MIDEA IS THE WORLD'S NO.1 MANUFACTURER OF HVAC PRODUCTS

“ We have witnessed some fantastic success stories helping Midea become the fastest growing manufacturer of air conditioning products supplied into the UK.

The Mi Pro strategy we introduced five years ago is unique and is constantly evolving in line with market feedback we receive from our partners; this is helping us find new ways of developing our brand.

The core purpose of our strategy will not change which is to ensure the Mi Pro incentive for our partners and the end user delivers the best possible long-term care of our products. This simple after care partnership ensures our equipment provides the lowest possible energy use for the longest period of time which significantly lowers the risk of equipment failure - this is a win-win for Midea, the professional installer, and the end user. A true business partnership that is right for everyone not just the manufacturer. ”

Steve Robinson, Managing Director, Midea UK & Ireland

AN EXCLUSIVE PACKAGE OF BENEFITS FOR ALL MI PRO PARTNERS



Up to a 10 Year Warranty

Next Day Spares

Free Training

Mi Care Credit

Commissioning Support

To learn more about how Mi Pro can help your business, please see page 106-107



Voice
Control



Smart
Home



WiFi



SPLIT SYSTEMS

A wide range of residential and light commercial split systems which combine innovative technology with elegant design.

SPLIT SYSTEMS

AG ECO WALL MOUNTED

BREEZELESS E WALL MOUNTED

PENROSE XT WALL MOUNTED

CONSOLE






















A6 DUCT

BREEZELESS+ COMPACT ROUNDFLOW CASSETTE

BREEZELESS+ ROUNDFLOW CASSETTE

CEILING AND FLOOR



- 
Three Dimensional Airflow
- 
Gear Change
- 
Refrigerant Leakage Detect
- 
Weekly Timer (Via App)
- 
8°C Heating
- 
Self-diagnosis and Auto-protection
- 
Anti-cold Air Function
- 
Turbo Mode
- 
Optional Wired Control
- 
Follow Me
- 
Sleep Mode
- 
High Density Filter
- 
Cold Catalyst Filter
- 
Self-cleaning
- 
2-way Draining
- 
Auto Restart Function
- 
24-hour Timer
- 
LED
- 
Voice Control
- 
Smart Home
- 
WiFi

AG ECO - WALL MOUNTED



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 SmartHome 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.



‘Follow Me’ active



‘Follow Me’ inactive

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-Ph-Hz	220-240V,1Ph,50Hz	220-240V,1Ph,50Hz	220-240V,1Ph,50Hz	220-240V,1Ph,50Hz
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)
Heating Current (min-max)		A	3.35 (0.32-4.32)	4.46 (0.5-6.4)	7.6(3.4-8.7)	9.3(1.3-13.5)
Max. Current		A	10	10	13	19
Outdoor Recommended Fuse Size		A	16	16	16	20
Interconnecting/Indoor Power Wiring		No.	5 Core 1.5mm2*	5 Core 1.5mm2*	5 Core 1.5mm2*	5 Core 1.5mm2*
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)		m3/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		m3/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
	Charged to	m	5	5	5	5
	Additional charge	g/m	12	12	12	24
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")	Ø9.52/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)	°C	-15-50/-15-24	-15-50/-15-24	-15 -50/-15-24	-15-50/-15-24
PRICE (Outdoor)			386	448	706	1138
PRICE (Indoor)			250	282	358	404
PRICE (System)			636	730	1064	1542
MI CARE CREDIT			30	30	30	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 Available

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

DATA IS SUBJECT TO CHANGE, SCAN THE QR CODE FOR MOST RECENT PRODUCT INFORMATION

- High Density Filter
- Cold Catalyst Filter
- Follow Me
- Smart Diagnosis
- Weekly Timer (Via App)
- Bacteria and Dust Removal
- ECO Mode
- Gear Change
- Flash Cooling/Heating
- Self-cleaning
- 8°C Heating
- Quiet Mode
- 2-way Draining
- LED
- Low Ambient Temperature Kit
- Voice Control
- Smart Home
- WiFi

BREEZELESS E - WALL MOUNTED



RAPID COOLING AND HEATING FUNCTION
Cool & Heat Flash Plus rapidly heats or cools a room in just 10 minutes.
Cool Flash Mode 6.3°C cool down in 10 mins.
Warm Flash Mode 9.4°C warm up in 10 mins.

I-COMFORT MODES
Breezeless Mode
The air deflector is closed, the cold airflow is blown out through the microholes on the air deflector, and the strong air flow is diffused.
Breezeaway Mode
At the touch of a button, the airflow direction is automatically adjusted to the maximum angle to prevent direct airflow.

I-HEALTH - UV LAMP
The units are equipped with a UVC sterilisation module which uses ultraviolet light to kill bacteria and prevent mould growth. Cold-catalyst filters and Bio (HEPA) filters are also fitted as standard which absorb and decompose formaldehyde, remove dust, odours and other harmful gases such as VOCs and neutralise bacteria.

I-ECO DASHBOARD
With high precision power detection technology, users can see the energy consumption data of the systems on their APP. View statistics for the day, week, month, and even the current year. Every kilowatt hour of the systems can be seen clearly.

OPTIONAL MULTI-FUNCTION 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.

BUILT IN WIFI
Control the air conditioner easily via the SmartHome 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.



BREEZELESS E - WALL MOUNTED



INDOOR			CB1-09HRFN8-I	CB1-12HRFN8-I	CB1-18HRFN8-I	CB1-24HRFN8-I
OUTDOOR			CB1-09HFNX-O	CB1-12HFNX-O	CB1-18HFNX-O	CB1-24HFNX-O
Nominal Cooling Capacity (min-max)		kW	2.79 (1.02 - 3.51)	3.77 (1.377 - 4.39)	5.27 (1.93 - 6.27)	7.03 (1.37 - 8.29)
Nominal Heating Capacity (min-max)		kW	2.93 (1.02 - 3.81)	3.79 (1.84 - 4.39)	5.56 (1.28 - 7.0)	7.32 (1.61 - 9.05)
UK Total Cooling Capacity		kW	3.25	4.17	5.7	7.78
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	5.6(0.58-5.65)	5.13(0.8-7.2)	7(0.7-9.8)	10.8(1.3-14.0)
Heating Current (min-max)		A	3.2(0.72-5.6)	4.68(0.74-6.08)	6.5(0.95-10.2)	8.8(1.4-13.0)
Max. current		A	10.5	10.5	13	19
Outdoor Recommended Fuse Size		A	16	16	16	20
Interconnecting/Indoor Power Wiring		No.	5 Core 1.5mm2*	5 Core 1.5mm2*	5 Core 1.5mm2*	5 Core 1.5mm2*
Seasonal Efficiency SEER/Class		W/W	7.6/A+++	7.1/A++	7.1/A++	6.4/A++
Seasonal Efficiency SCOP/Class		W/W	4.1/A+	4.2/A++	4.1/A+	4.1/A+
Indoor air flow (High-Low)		m3/h	510/415/375	520/420/380	835/620/510	1170/950/810
Indoor Sound Pressure Level (High-Low)		dB(A)	37/32/20.5/19.5	37.5/35.5/21/20	41/36.5/32.5/20.5	45.0/40.5/30.5/24.0
Indoor unit	Dimensions (W*D*H)	mm	812x199x299	812x199x299	968x225x320	1030x338x238
	Packing (W*D*H)	mm	870x277x385	870x277x385	1027x307x412	1125x430x345
	Net/Gross weight	Kg	9.1/11.6	9.3/12.2	12.3/16.2	14.26/21.66
Outdoor air flow		m3/h	1850	1850	2100	3500
Outdoor sound pressure level		dB(A)	55.5	56	57	59.5
Outdoor unit	Dimensions (W*D*H)	mm	720x270x495	720x270x495	805x330x554	890x342x673
	Packing (W*D*H)	mm	835x300x540	835x300x540	915x370x615	995x398x740
	Net/Gross weight	Kg	22.7/24.4	22.9/24.6	32.3/35.1	41.91/44.97
Refrigerant	Type		R32	R32	R32	R32
	GWP		675	675	675	675
	Charged quantity	Kg	0.62	0.62	1.1	1.45
	Charged to	m	5	5	5	5
Refrigerant piping	Additional Charge	g/m	12	12	12	24
	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")	Ø9.52/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)	°C	-15-50/-20-24	-15-50/-20-24	-15-50/-20-24	-15-50/-20-24
PRICE (Outdoor)			500	532	800	1150
PRICE (Indoor)			288	330	418	550
PRICE (System)			788	862	1218	1700
MI CARE CREDIT			30	30	30	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 Available
If 4 Core method used, cable on 24 can be reduced to 4 Core* 1.5mm²
DATA IS SUBJECT TO CHANGE, SCAN THE QR CODE FOR MOST RECENT PRODUCT INFORMATION

- 
180° Spinning Wind Deflector
- 
Precise Control Spherical Air Outlet
- 
Vertical 0° Waterfall Flow
- 
Horizontal 0° Ceiling Flow
- 
Energy Saving Inverter Tech
- 
Ultra Quiet Bézier Curve Design
- 
Air Clean Technology
- 
Gear Shift
- 
1W 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



Did you know?
You can scan me to
download a product
sales leaflet.



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
1 Watt 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.

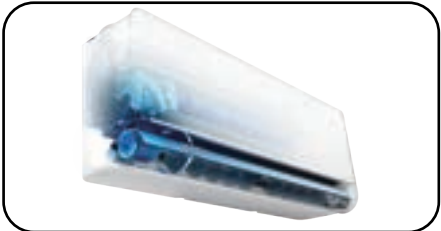
SELF-CLEANING OUTDOOR UNIT
At the end of each operation the outdoor unit fan will run in reverse, removing dust to improve efficiency and reduce wear and tear.



Vertical 0° Waterfall Flow



Horizontal 0° Ceiling Flow



180° Spinning Wind Deflector



Indoor unit



Outdoor unit



IR Controller RG10-S
(included)
















Wired Controller
KJR-120M1 PP
(optional £206)

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 1.5mm2*	5 Core 1.5mm2*	5 Core 1.5mm2*
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)		m3/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		m3/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
Refrigerant piping	Additional Charge	g/m	12	12	12
	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
PRICE (Indoor)			400	440	540
PRICE (System)			1064	1214	1420
MI CARE CREDIT			30	30	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 Available
If 4 Core method used, cable on 24 can be reduced to 4 Core* 1.5mm²

DATA IS SUBJECT TO CHANGE, SCAN THE QR CODE FOR MOST RECENT PRODUCT INFORMATION

- 
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



Did you know?
You can scan me to
download a product
sales leaflet.



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

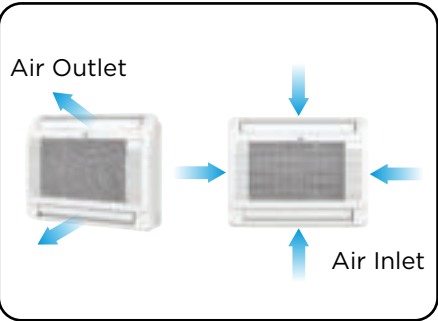
The louvers of console indoor unit move automatically in all directions, ensuring even distribution of the air in all corners of the room.

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.



Top/bottom and right/left side,
for better ventilation



Indoor unit



Outdoor unit



IR Controller RG10-S
(included)
















Wired Controller
KJR-120M1+MFCB
(optional E/€206)

CONSOLE - SPECIFICATIONS

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
Refrigerant piping	Additional Charge	g/m	12	12
	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
PRICE (Outdoor)			796	1108
PRICE (Indoor)			618	674
PRICE (System)			1414	1782
MI CARE CREDIT			60	60

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.

DATA IS SUBJECT TO CHANGE, SCAN THE QR CODE FOR MOST RECENT PRODUCT INFORMATION

-  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

A6 DUCT



Did you know?
You can scan me to
download a product
sales leaflet.



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.

MULTI CHANNEL AIR FLOW DISTRIBUTION

The units are suitable for different room types, its multi channel air distribution gives you comfort in every corner.

VERTICAL MOUNTING

Option for vertical mounting of units is available upon request.

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.

TWIN COMBINATIONS

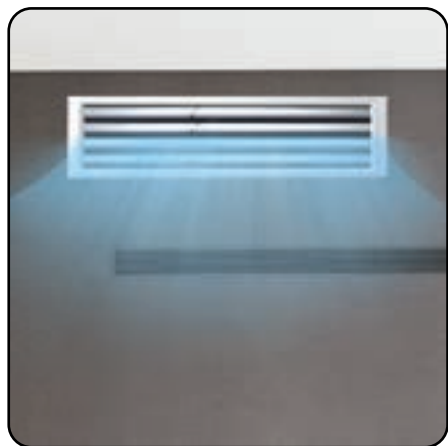
Outdoor unit sizes 24, 36, 42, 48 & 55 can be installed with two indoor units for increased flexibility.

REMOTE SIGNAL

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

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



Outdoor unit



IR Controller
RG10-S
(included)



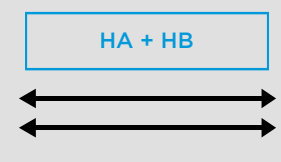
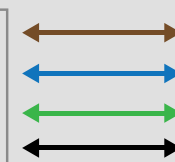
Wired Controller
KJR-120M1
(included)



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



1L
2N
E
S



KJR-120M1

Please note: For full controller wiring information please see page 47.

A6 DUCT

INDOOR			MTIU-12HWFNX(GA)	MTIU-18HWFNX(GA)	MTI-24HWFNX(GA)	MTI-36HWFNX(GA)
OUTDOOR			MOX230-12HFN8-Q(GA)	MOX330U-18HFN8-Q(GA)	MOX430U-24HFN8-Q(GA)	MOD30U-36HFN8-Q(GA)
Nominal Cooling Capacity (min-max)		kW	3.52(0.53-3.99)	5.28(2.55-5.86)	7.03(3.28-8.16)	10.55(2.75-12.02)
Nominal Heating Capacity (min-max)		kW	3.81(1.00-4.39)	5.57(2.20-6.15)	7.62(2.81-8.49)	11.72(2.78-12.78)
UK Total Cooling Capacity		kW	3.79	5.56	7.78	11.38
Seasonal Efficiency SEER / Class		W/W	6.5/A++	6.5/A++	6.2/A++	6.2/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	4.75(1.3-6.09)	7.1(3.2-9.56)	10.2(4.2-13.2)	17.5(4.2-18.5)
Heating Current (min-max)		A	4.52(1.48-6.15)	6.8(3.3-7.7)	9.2(3.8-11.6)	14.5(3.5-17.5)
Max. input current		A	9	13.5	19	22.5
Recommended Fuse Size (Outdoor)		A	16	16	20	32
Interconnecting/Indoor Power Wiring		No.	4 Core 1mm2	4 Core 1mm2	4 Core 1mm2	4 Core 1mm2
External Static Pressure		Pa	0-60	0-100	0-160	0-160
Indoor air flow (High - Low)		m3/h	600/480/300	911/706.3/515.2	1229/1035/825	2100/1800/1500
Indoor Sound Pressure Level (High-Low)		dB(A)	34.5/30.5/29/23	42/39/35/26	49/46/41/27	50/48/46/42
Indoor unit	Dimensions (WxDxH)	mm	700x506x200	880x674x210	1100x774x249	1360x774x249
	Packing (WxDxH)	mm	860x540x285	1070x725x280	1305x805x315	1570x805x330
	Supply Plenum (WxH)	mm	537x152	706x136	926x175	1186x175
	Return Plenum (WxH)	mm	599x186	782x190	1001x228	1261x228
	Net/Gross Weight	Kg	17.8/21.5	24.4/29.6	32.3/39.1	40.5/48.2
Drainage water pipe diameter		mm	ODØ25	ODØ25	ODØ25	ODØ25
Outdoor air flow		m3/h	2200	2100	3500	4000
Outdoor Sound Pressure Level		dB(A)	51	53	57	60
Outdoor unit	Dimensions (WxDxH)	mm	765x303x555	805x330x554	890x342x673	946x410x810
	Packing (WxDxH)	mm	887x337x610	915x370x615	995x398x740	1090x500x885
	Net/Gross Weight	Kg	26.6/29	32.5/35.2	43.9/46.9	66.9/71.5
Refrigerant	Type		R32	R32	R32	R32
	GWP		675	675	675	675
	Charged quantity	Kg	0.72	1.15	1.5	2.4
	Charged to	m	5	5	5	5
	Additional Charge	g/m	12	12	24	24
Refrigerant piping	Liquid side/ Gas side	mm(inch)	Ø6.35/Ø9.52(1/4"/3/8")	Ø6.35/Ø12.7(1/4"/1/2")	Ø9.52/Ø15.9(3/8"/5/8")	Ø9.52Ø15.9(3/8"/5/8")
	Max. pipe length	m	25	30	50	75
	Max. difference in level	m	10	20	25	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/-15-25	-15-50/-15-24	-15-50/-15-24
PRICE (Outdoor)			796	1108	1468	2020
PRICE (Indoor Standard)			588	658	712	1060
TOTAL (Standard)			1384	1766	2180	3080
PRICE (Indoor Vertical)			652	720	774	1124
Total (Vertical)			1448	1828	2242	3144
MI CARE CREDIT			60	60	60	60

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.

DATA IS SUBJECT TO CHANGE, SCAN THE QR CODE FOR MOST RECENT PRODUCT INFORMATION

A6 DUCT

INDOOR			MTI-42HWFNX(GA)	MTI-48HWFNX(GA)	MTI-36HWFNX(GA)	MTI-48HWFNX(GA)	MTI-55HWFNX(GA)
OUTDOOR			MOD30U-42HFN8-Q(GA)	MOE30U-48HFN8-Q(GA)	MOD30U-36HFN8-R(GA)	MOE30U-48HFN8-R(GA)	MOE30U-55HFN8-R(GA)
Nominal Cooling Capacity (min-max)		kW	12.02(2.93-13.7)	14.07(3.52-15.53)	10.55(2.75-12.02)	14.07(3.52-15.53)	15.24 (4.1-18.11)
Nominal Heating Capacity (min-max)		kW	13.48(3.37-14.07)	16.12(4.10-18.17)	11.72(2.78-12.78)	16.12(4.10-18.17)	18.17(4.40-20.52)
UK Total Cooling Capacity		kW	12.13	15.54	11.38	15.54	16.89
Seasonal Efficiency SEER / Class		W/W	6.1/A++	6.1/A++	6.1/A++	6.1/A++	6.1/A++
Seasonal Efficiency SCOP / Class		W/W	4/A+	4/A+	4/A+	3.8/A+	4/A+
Power supply (indoor power via outdoor)		V- Ph-Hz	220-240V,1Ph,50Hz	220-240V,1Ph,50Hz	380-415V, 3Ph, 50Hz	380-415V, 3Ph, 50Hz	380-415V, 3Ph, 50Hz
Cooling Current (min-max)		A	18.8(3.1-19.8)	21(5.0-26)	6.5(1.4-6.7)	8.4(1.9-10.4)	9.6(3.1-11.5)
Heating Current (min-max)		A	15.5(3.4-18.3)	22(4.5-26)	5.3(1.3-6.4)	8.0(2.0-9.8)	9.5(2-11.5)
Max. input current		A	23	29	10	13	14
Recommended Fuse Size (Outdoor)		A	32	32	16	16	16
Interconnecting/Indoor Power Wiring		No.	4 Core 1mm2	4 Core 1mm2	4 Core 1mm2	4 Core 1mm2	4 Core 1mm2
External Static Pressure		Pa	0-160	0-160	0-160	0-160	0-160
Indoor air flow (High - Low)		m3/h	2400/2040/1680	2400/2040/1680	2100/1800/1500	2400/2040/1680	2600/2210/1820
Indoor Sound Pressure Level (High-Low)		dB(A)	51.5/49/48/43	51/50/48/43	50/48/46/42	51.5/49/47/42	52.5/49/47
Indoor unit	Dimensions (WxDxH)	mm	1200x874x300	1200x874x300	1360x774x249	1200x874x300	1200x874x300
	Packing (WxDxH)	mm	1405x915x365	1405x915x365	1570x805x330	1405x915x365	1405x915x365
	Supply Plenum (WxH)	mm	1044x227	1044x227	1186x175	1044x227	1044x227
	Return Plenum (WxH)	mm	1101x280	1101x280	1261x228	1101x280	1101x280
	Net/Gross Weight	Kg	47.6/55.8	47.6/55.8	40.5/48.2	47.6/55.8	47.4/56.1
Drainage water pipe diameter		mm	ODØ25	ODØ25	ODØ25	ODØ25	ODØ25
Outdoor air flow		m3/h	4000	7500	4000	7500	7500
Outdoor Sound Pressure Level		dB(A)	60	61	60	61	61
Outdoor unit	Dimensions (WxDxH)	mm	946x410x810	952x415x1333	946x410x810	952x415x1333	952x415x1333
	Packing (WxDxH)	mm	1090x500x885	1095x495x1480	1090x500x885	1095x495x1480	1095x495x1480
	Net/Gross Weight	Kg	71.0/75.0	91.5/105.4	80.5/85	103.7/118.3	107.0/121.2
Refrigerant	Type		R32	R32	R32	R32	R32
	GWP		675	675	675	675	675
	Charged quantity	Kg	2.8	2.9	2.4	2.9	3
	Charged to	m	5	5	5	5	5
	Additional Charge	g/m	24	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")	Ø9.52/Ø15.9(3/8"/5/8")
	Max. pipe length	m	75	75	75	75	75
	Max. difference in level	m	30	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	16-32/0-30
	Outdoor (Cooling/Heating)	°C	-15-50/-15-24	-15-50/-15-24	-15-50/-15-24	-15-50/-15-24	-15-50/-15-24
PRICE (Outdoor)			2366	2578	2020	2578	2654
PRICE (Indoor Standard)			1072	1236	1060	1236	1272
PRICE (System Standard)			3438	3814	3080	3814	3926
PRICE (Indoor Vertical)			1134	1300	1124	1300	1336
PRICE (System Vertical)			3500	3878	3144	3878	3990
MI CARE CREDIT			60	60	60	60	60

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.

DATA IS SUBJECT TO CHANGE, SCAN THE QR CODE FOR MOST RECENT PRODUCT INFORMATION

- 360° Air Flow Panel
- Refrigerant Leakage Detect
- Louvre Position Memory
- Fresh Air Inlet
- Remote Enable Port
- Temperature Compensation
- Anti-cold Air Function
- Low Ambient Cooling
- Emergency Use Function
- Built-in Drain Pump
- Wired Control
- Central Control Management
- Voice Control
- Smart Home
- WiFi

BREEZELESS+ COMPACT ROUNDFLOW CASSETTE



HIGH ENERGY EFFICIENCY
Up to SEER 6.8(A++)/SCOP 4.1 (A+).

BREEZELESS+ EFFECT
2468 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.

I-ECO DASHBOARD
With high precision power detection technology, users can see the energy consumption data of the systems on their APP. View statistics for the day, week, month, and even the current year. Every kilowatt hour of the systems can be seen clearly.

ADJUSTABLE VANE & LONG AIRFLOW
Adjustable Vane from 0°C to 75° and up to 5.5 meters long air flow to meet the far corner of a room.

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.

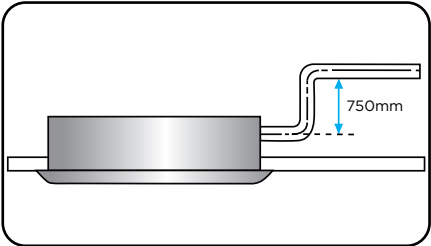
TWIN, TRIPLE, QUAD COMBINATIONS
Outdoor unit sizes 24,36,48 can be installed with multiple indoor units for increased flexibility.

SMARTHOME APP
New Wired Controller has built in WiFi, allowing you to operate your system from almost anywhere, at any time.

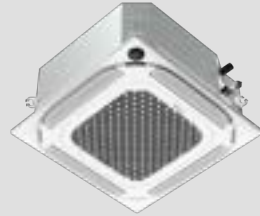
LED FASCIA DISPLAY
Built-in display for easy trouble shooting and system information.



360° Airflow outlet



Built in drain pump



Indoor unit



Outdoor unit



IR Controller RG10-B
(included)



Wired Controller
KJR-120M1
(included)

BREEZELESS+ COMPACT ROUNDFLOW CASSETTE

INDOOR			MCA4U-12HRFNX(GA)	MCA4U-18HRFNX(GA)
PANEL			T-MBQ4-03AWD	T-MBQ4-03AWD
OUTDOOR			MOX230-12HFN8-Q(GA)	MOX330U-18HFN8-Q(GA)
Nominal Cooling Capacity (min-max)		kW	3.52(0.85-4.16)	5.28(2.90-5.59)
Nominal Heating Capacity (min-max)		kW	3.81(0.47-4.34)	5.57(2.37-6.10)
UK Total Cooling Capacity		kW	3.9	5.3
Seasonal Efficiency SEER/Class		W/W	6.8/A++	6.5/A++
Seasonal Efficiency SCOP/Class		W/W	4.1/A+	4.1/A+
Power supply (indoor power via outdoor)		V- Ph-Hz	220-240V,1Ph,50Hz	220-240V,1Ph,50Hz
Cooling Current (min-max)		A	4.5(1.3-6.4)	6.9(3.2-9.0)
Heating Current (min-max)		A	4.5(1.1-6.2)	6.8(3.1-8.6)
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	620/520/330	660/540/300
Indoor Sound Pressure Level (High-Low)		dB(A)	42/38.5/31.5/25.5	44/41/31.5/25
Indoor unit	Dimensions (WxDxH) (body)	mm	570x570x245	570x570x245
	Packing (WxDxH)(body)	mm	715x640x295	715x640x295
	Dimensions (WxDxH) (panel)	mm	620x620x50	620x620x50
	Packing (WxDxH)(panel)	mm	715x700x115	715x700x115
	Net/Gross Weight (body)	Kg	16.1/18.8	16.2/19
		Kg	2.7/4.3	2.7/4.3
Drainage water pipe dia.		mm	ODØ25	ODØ25
Outdoor air flow		m3/h	2200	2100
Outdoor sound pressure level		dB(A)	51	53
Outdoor unit	Dimensions (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
Refrigerant piping	Additional Charge	g/m	12	12
	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
Operating temperature	Max. height difference	m	10	20
	Indoor (Cooling/Heating)	°C	16-32/0-30	16-32/0-30
		°C	-15-50/-15-24	-15-50/-15-25
PRICE (Outdoor)			796	1108
PRICE (Indoor)			446	578
PRICE (Panel)			122	122
PRICE (System)			1364	1808
MI CARE CREDIT			60	60

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.

DATA IS SUBJECT TO CHANGE, SCAN THE QR CODE FOR MOST RECENT PRODUCT INFORMATION



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



Did you know?
You can scan me to
download a product
sales leaflet.

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:

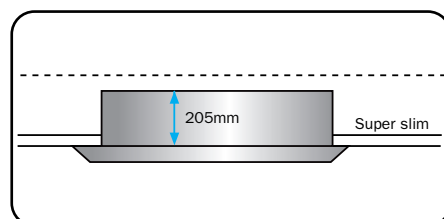
1. For full Breezeless+ function set dip switch SW2-No.2 to on. Once active it can be enabled via (optional) infra-red controller.
2. If humidity levels in a room rise above standard conditions the system will automatically switch to normal operation. This is to deal with the load before reverting back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

SMARTHOME APP

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



360° Airflow outlet



Super slim design



Indoor unit



Outdoor unit



Outdoor unit



IR Controller RG10-B
(Included)



Wired Controller
KJR-120M1
(included)



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



Please note: For full controller wiring information please see page 47.

BREEZELESS+ROUNDFLOW CASSETTE

INDOOR			MCD1-24HRFNX(GA)(18)	MCD1-24HRFNX(GA)	MCD1-36HRFN8(GA)	MCD1-42HRFNX(GA)
PANEL			T-MBQ4-04AWD	T-MBQ4-04AWD	T-MBQ4-04AWD	T-MBQ4-04AWD
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 1mm2	4 Core 1mm2	4 Core 1mm2	4 Core 1mm2
Indoor air flow (High - Low)		m3/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		m3/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")	Ø9.52Ø15.9(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
PRICE (Outdoor)			1108	1468	2020	2366
PRICE (Indoor)			578	578	616	738
PRICE (Panel)			256	256	256	256
PRICE (System)			1942	2302	2892	3360
MI CARE CREDIT			60	60	60	60

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.

DATA IS SUBJECT TO CHANGE, SCAN THE QR CODE FOR MOST RECENT PRODUCT INFORMATION

BREEZELESS+ROUNDFLOW CASSETTE

INDOOR			MCD1-48HRFNX(GA)	MCD1-36HRFN8(GA)	MCD1-48HRFNX(GA)	MCD1-55HRFNX(GA)
PANEL			T-MBQ4-04AWD	T-MBQ4-04AWD	T-MBQ4-04AWD	T-MBQ4-04AWD
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 1mm2	4 Core 1mm2	4 Core 1mm2	4 Core 1mm2
Indoor air flow (High - Low)		m3/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		m3/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
PRICE (Outdoor)			2578	2020	2578	2654
PRICE (Indoor)			798	616	798	1096
PRICE (Panel)			256	256	256	256
PRICE (System)			3632	2892	3632	4006
MI CARE CREDIT			60	60	60	60

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.

DATA IS SUBJECT TO CHANGE, SCAN THE QR CODE FOR MOST RECENT PRODUCT INFORMATION



Remote Enable Port



Error Alarm Port



Twin Combination



Refrigerant Leakage Detect



Louvre Position Memory



Fresh Air Inlet



Temperature Compensation



Anti-cold Air Function



Low Ambient Cooling



Emergency Use Function



Wired Control



Central Control Management



Voice Control



Smart Home



WiFi

CEILING AND FLOOR



Did you know?
You can scan me to
download a product
sales leaflet.



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.

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.

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.

AUTOMATIC RESTART

In the event that the system stops working unexpectedly due to a power outage, it will restart automatically as soon as power is restored and will start operating in the mode set before the power was turned off.

EASY MAINTENANCE AND SERVICE

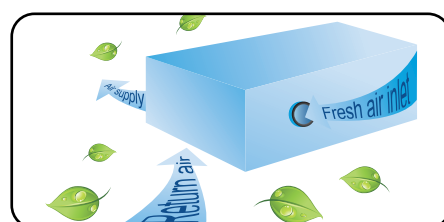
The system is specially optimized for easy maintenance and service.

SMARTHOME APP

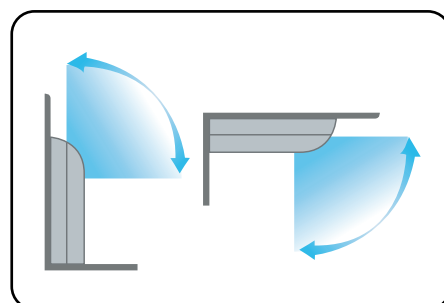
New Wired Controller has built in WiFi, allowing you to operate your system from almost anywhere, at any time.



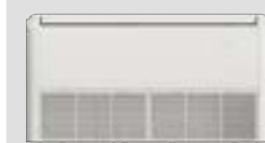
3D air flow



360° Airflow outlet



Vertical or horizontal installation



Indoor unit



Outdoor unit



Outdoor unit



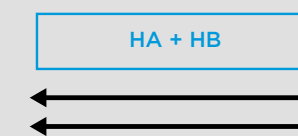
IR Controller RG10-S
(included)



Wired Controller
KJR-120M1
(included)



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



KJR-120M1

Please note: For full controller wiring information please see page 47.

CEILING AND FLOOR

INDOOR			MUEU-18HRFNX(GA)	MUE-24HRFNX(GA)	MUE-36HRFNX(GA)	MUE-48HRFNX(GA)(42)
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 (2.71-5.86)	7.03 (3.22-8.29)	10.55 (3.93-12.02)	12.31 (2.58-13.7)
Nominal Heating capacity (min-max)		kW	5.57 (2.42-6.30)	7.62 (2.72-8.29)	11.72 (2.78-12.78)	13.48 (3.37-14.07)
UK Total Cooling Capacity		kW	5.56	7.77	11.25	12.13
Seasonal Efficiency SEER/Class		W/W	6.2/A++	6.1/A++	6.2/A++	6.1/A++
Seasonal Efficiency SCOP/Class		W/W	4/A+	4/A+	4.1/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	6.0 (3.2-9)	10.54 (3.9-13.1)	17.0 (4.2-19.0)	18.8 (3.1-19.1)
Heating Current (min-max)		A	6.6 (2.7-7.3)	9.5 (3.5-12.7)	11.72 (2.78-12.78)	13.48 (3.37-14.07)
Max.Current		A	13.5	19	22.5	23
Recommended Fuse Size (Outdoor)		A	16	20	32	32
Interconnecting/Indoor Power Wiring		No.	4 Core 1mm2	4 Core 1mm2	4 Core 1mm2	4 Core 1mm2
Indoor air flow (High - Low)		m3/h	958/839/723	1192/1023/853	1955/1728/1504	2100/1850/1600
Indoor Sound Pressure Level (High-Low)		dB(A)	44/41/37/24	51/47/43/32	51.5/48/45/39	53/50/46/36
Indoor unit	Dimensions (WxDxH)	mm	1068x675x235	1068x675x235	1650x675x235	1650x675x235
	Packing (WxDxH)	mm	1145x755x318	1145x755x318	1725x755x318	1725x755x318
	Net/Gross Weight	Kg	28/33.3	28/33.1	41.5/48	41.7/48.5
Drainage water pipe dia.		mm	ODØ25	ODØ25	ODØ25	ODØ25
Outdoor air flow		m3/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")	Ø9.52Ø15.9(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
PRICE (Outdoor)			1108	1468	2020	2366
PRICE (Indoor)			594	630	978	1050
PRICE (System)			1702	2098	2998	3416
MI CARE CREDIT			60	60	60	60

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.

DATA IS SUBJECT TO CHANGE, SCAN THE QR CODE FOR MOST RECENT PRODUCT INFORMATION

CEILING AND FLOOR

INDOOR			MUE-48HRFNX(GA)	MUE-36HRFNX(GA)	MUE-48HRFNX(GA)	MUE-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(3.52-15.24)	10.55 (3.93-12.02)	14.07(3.52-15.24)	15.83 (5.28-18.46)
Nominal Heating Capacity (min-max)		kW	16.12(4.10-17.00)	11.72 (2.78-12.78)	16.12(4.10-17.00)	18.17 (4.40-19.64)
UK Total Cooling Capacity		kW	15.43	11.25	15.43	17.44
Seasonal Efficiency SEER/Class		W/W	6.1/A++	6.2/A++	6.1/A++	6.1/A++
Seasonal Efficiency SCOP/Class		W/W	3.8/A	4.1/A+	3.8/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)	6.30 (1.4-6.80)	8.8 (1.9-10.3)	9.7 (3.2-11.5)
Heating Current (min-max)		A	20.5(6.52-26.3)	5.40(1.3-6.20)	8.9 (2.1-10.5)	10.5 (2.2-12)
Max.Current		A	29	10	13	14
Recommended Fuse Size (Outdoor)		A	32	16	16	16
Interconnecting/Indoor Power Wiring		No.	4 Core 1mm2	4 Core 1mm2	4 Core 1mm2	4 Core 1mm2
Indoor air flow (High - Low)		m3/h	2100/1850/1600	1955/1728/1504	2100/1850/1600	2200/1950/1650
Indoor Sound Pressure Level (High-Low)		dB(A)	53/50/46/36	51.5/48/45/39	53/50/46/36	55/52/48/38
Indoor unit	Dimensions (WxDxH)	mm	1650x675x235	1650x675x235	1650x675x235	1650x675x235
	Packing (WxDxH)	mm	1725x755x318	1725x755x318	1725x755x318	1725x755x318
	Net/Gross Weight	Kg	41.7/48.5	41.5/48	41.7/48.5	42.3/49.2
Drainage water pipe dia.		mm	ODØ25mm	ODØ25mm	ODØ25mm	ODØ25mm
Outdoor air flow		m3/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
	Charged to	m	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
PRICE (Outdoor)			2578	2020	2578	2654
PRICE (Indoor)			1050	978	1050	1132
PRICE (System)			3628	2998	3628	3786
MI CARE CREDIT			60	60	60	60

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.

DATA IS SUBJECT TO CHANGE, SCAN THE QR CODE FOR MOST RECENT PRODUCT INFORMATION

SPLIT SYSTEMS QUICK REFERENCE GUIDE

TYPE	CODE	COOLING kW (Min-Max)	HEATING kW (Min-Max)	PIPE SIZES	MAX PIPE LENGTH (M)	MAX PIPE HEIGHT (M)
AG ECO - WALL MOUNTEDAG2ECO						
	9	2.64 (1.02 - 3.22)	2.93 (0.82 - 3.37)	1/4" & 3/8"	25	10
	12	3.51 (1.37 - 4.30)	3.80 (1.69 - 4.38)	1/4" & 3/8"	25	10
	18	5.27 (3.39 - 5.89)	5.56 (3.10 - 5.84)	1/4" & 1/2"	30	20
	24	7.03 (2.11 - 8.20)	7.32 (1.55 - 8.20)	3/8" & 5/8"	50	25
BREEZELESS E - WALL MOUNTEDCB1						
	9	2.79 (1.02 - 3.51)	2.93 (1.02 - 3.81)	1/4" & 3/8"	25	10
	12	3.77 (1.377 - 4.39)	3.79 (1.84 - 4.39)	1/4" & 3/8"	25	10
	18	5.27 (1.93 - 6.27)	5.56 (1.28 - 7.0)	1/4" & 1/2"	30	20
	24	7.03 (1.37 - 8.29)	7.32 (1.61 - 9.05)	3/8" & 5/8"	50	25
PENROSE XT- WALL MOUNTEDMSX						
	9	2.63 (1.23 - 3.29)	2.93 (0.84 - 3.72)	1/4" & 3/8"	25	10
	12	3.72 (1.31 - 4.30)	3.80 (0.87 - 4.39)	1/4" & 3/8"	25	10
	18	5.27 (1.81 - 6.00)	5.56 (1.25 - 6.15)	1/4" & 1/2"	30	20
CONSOLEMFA2U						
	12	3.52(0.76-4.25)	3.81(0.45-4.69)	1/4" & 3/8"	25	10
	16	4.98(2.64-5.57)	5.28(2.20-6.30)	1/4" & 1/2"	30	20
BREEZELESS+ COMPACT ROUNDFLOW CASSETTEMCA						
	12	3.52(0.85-4.16)	3.81(0.47-4.34)	1/4" & 3/8"	25	10
	18	5.28(2.90-5.59)	5.57(2.37-6.10)	1/4" & 1/2"	30	20
BREEZELESS+ COMPACT ROUNDFLOW CASSETTE TWIN/TRIPLE/QUADMCA						
	12+12 (24 outdoor)	7.04(1.7-8.32)	7.62(0.94-8.68)	3/8" & 5/8" to 1/4" & 3/8"	50	25
	12+12+12 (36 outdoor)	10.56(2.55-12.48)	11.43(1.41-13.02)	3/8" & 5/8" to 1/4" & 3/8"	75	30
	12+12+12+12 (48 outdoor)	14.08(3.4-16.64)	15.24(1.88-17.36)	3/8" & 5/8" to 1/4" & 3/8"	75	30
	18+18 (36 outdoor)	10.56(5.8-11.18)	11.14(4.74-12.20)	3/8" & 5/8" to 1/4" & 1/2"	75	30
BREEZELESS+ ROUNDFLOW CASSETTEMCD						
	24(18)	5.28(2.90-5.59)	5.57(2.37-6.10)	1/4" & 1/2"	30	20
	24	7.03(3.22-8.21)	7.62(2.81-8.94)	3/8" & 5/8"	50	25
	36	10.55(4.04-12.02)	11.14(2.78-12.30)	3/8" & 5/8"	75	30
	42	12.31(2.58-13.7)	13.48(3.37-14.07)	3/8" & 5/8"	75	30
	48	14.07(3.52-15.83)	16.12(4.10-17.29)	3/8" & 5/8"	75	30
	55	15.53(5.28-18.46)	18.17(4.40-19.93)	3/8" & 5/8"	75	30

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

CHARGE g/M	INTERCONNECTING CABLE	POWER TO	POWER SUPPLY			LIST PRICE	MI PRO CONTRIBUTION
			Ph	In (A)	Out (A)		MI CARE CREDIT
12	5 Core* 1.5mm²	Outdoor	1	Via Outdoor	16	636	30
12	5 Core* 1.5mm²	Outdoor	1	Via Outdoor	16	730	30
12	5 Core* 1.5mm²	Outdoor	1	Via Outdoor	16	1064	30
24	5 Core* 2.5mm²	Outdoor	1	Via Outdoor	20	1542	30
12	5 Core* 1.5mm²	Outdoor	1	Via Outdoor	16	788	30
12	5 Core* 1.5mm²	Outdoor	1	Via Outdoor	16	862	30
12	5 Core* 1.5mm²	Outdoor	1	Via Outdoor	16	1218	30
24	5 Core* 1.5mm²	Outdoor	1	Via Outdoor	16	1700	30
12	5 Core* 1.5mm2	Outdoor	1	Via Outdoor	16	1063	30
12	5 Core* 1.5mm2	Outdoor	1	Via Outdoor	16	1214	30
12	5 Core* 1.5mm2	Outdoor	1	Via Outdoor	16	1420	30
12	4 Core 1mm²	Outdoor	1	Via Outdoor	16	1414	60
12	4 Core 1mm²	Outdoor	1	Via Outdoor	16	1782	60
12	4 Core 1mm²	Outdoor	1	Via Outdoor	16	1364	60
12	4 Core 1mm²	Outdoor	1	Via Outdoor	16	1808	60
24	4 Core 1mm2	Outdoor	1	Via Outdoor	20	2662	60
24	4 Core 1mm2	Outdoor	1 3	Via Outdoor	32 16	3840	60
24	4 Core 1mm2	Outdoor	1 3	Via Outdoor	32 16	5024	60
12	4 Core 1mm2	Outdoor	1 3	Via Outdoor	32 16	3478	60
12	4 Core 1mm²	Outdoor	1	Via Outdoor	16	1942	60
24	4 Core 1mm²	Outdoor	1	Via Outdoor	20	2302	60
24	4 Core 1mm²	Outdoor	1 3	Via Outdoor	32 16	2892	60
24	4 Core 1mm²	Outdoor	1	Via Outdoor	32	3360	60
24	4 Core 1mm²	Outdoor	1 3	Via Outdoor	32 16	3632	60
24	4 Core 1mm²	Outdoor	3	Via Outdoor	16	4006	60

DATA IS SUBJECT TO CHANGE, SCAN THE QR CODE FOR MOST RECENT PRODUCT INFORMATION

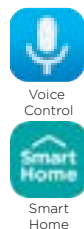
SPLIT SYSTEMS QUICK REFERENCE GUIDE

TYPE	CODE	COOLING kW (Min-Max)	HEATING kW (Min-Max)	PIPE SIZES	MAX PIPE LENGTH (M)	MAX PIPE HEIGHT (M)
BREEZELESS+ ROUNDFLOW CASSETTE TWIN						
	MCD					
	18+18 (36 outdoor)	10.55 (4.04-12.02)	11.14 (2.93-13.19)	3/8" & 5/8"	75	30
	24+24 (42 outdoor)	12.31 (2.58-13.7)	13.48 (3.37-14.07)	3/8" & 5/8"	75	30
	24+24 (48 outdoor)	14.07 (3.52-15.83)	16.12 (4.10-17.29)	3/8" & 5/8"	75	30
	30+30 (55 outdoor)	15.53 (5.28-18.46)	18.17 (4.40-19.93)	3/8" & 5/8"	75	30
CEILING AND FLOOR						
	MUE					
	18	5.28 (2.71-5.86)	5.57 (2.42-6.30)	1/4" & 1/2"	30	20
	24	7.03 (3.22-8.29)	7.62 (2.72-8.29)	3/8" & 5/8"	50	25
	36	10.55 (3.93-12.02)	11.72 (2.78-12.78)	3/8" & 5/8"	75	30
	48 (42 outdoor)	12.31 (2.58-13.7)	13.48 (3.37-14.07)	3/8" & 5/8"	75	30
	48	14.07 (3.52-15.24)	16.12 (4.10-17.00)	3/8" & 5/8"	75	30
	55	15.83 (5.28-18.46)	18.17 (4.40-19.64)	3/8" & 5/8"	75	30
CEILING AND FLOOR TWIN						
	MUE					
	18+18 (36 outdoor)	10.55 (3.93-12.02)	11.72 (2.78-12.78)	3/8" & 5/8" to 1/4" & 1/2"	75	30
	24+24 (42 outdoor)	12.31 (2.58-13.7)	13.48 (3.37-14.07)	3/8" & 5/8"	75	30
	24+24 (48 outdoor)	14.07 (3.52-15.24)	16.12 (4.10-17.00)	3/8" & 5/8"	75	30
	30+30 (55 outdoor)	15.83 (5.28-18.46)	18.17 (4.40-19.64)	3/8" & 5/8"	75	30
A6 DUCT*						
	MTI					
	12	3.52 (0.53-3.99)	3.81 (1.00-4.39)	1/4" & 3/8"	25	10
	18	5.28 (2.55-5.86)	5.57 (2.20-6.15)	1/4" & 1/2"	30	20
	24	7.03 (3.28-8.16)	7.62 (2.81-8.49)	3/8" & 5/8"	50	25
	36	10.55 (2.75-12.02)	11.72 (2.78-12.78)	3/8" & 5/8"	75	30
	42	12.02 (2.93-13.7)	13.48 (3.37-14.07)	3/8" & 5/8"	75	30
	48	14.07 (3.52-15.53)	16.12 (4.10-18.17)	3/8" & 5/8"	75	30
	55	15.24 (4.1-18.11)	18.17 (4.40-20.52)	3/8" & 5/8"	75	30
A6 DUCT TWIN*						
	MTI					
	12+12 (24 outdoor)	7.03 (3.28-8.16)	7.62 (2.81-8.49)	3/8" & 5/8" to 1/4" & 3/8"	50	25
	18+18 (36 outdoor)	10.55 (2.75-12.02)	11.72 (2.78-12.78)	3/8" & 5/8" to 1/4" & 1/2"	75	30
	24+24 (42 outdoor)	12.02 (2.93-13.7)	13.48 (3.37-14.07)	3/8" & 5/8"	75	30
	24+24 (48 outdoor)	14.07 (3.52-15.53)	16.12 (4.10-18.17)	3/8" & 5/8"	75	30
	30+30 (55 outdoor)	15.24 (4.1-18.11)	18.17 (4.40-20.52)	3/8" & 5/8"	75	30

*Vertical Ducted available at additional cost (see page 20)

CHARGE g/M	INTERCONNECTING CABLE	POWER TO	POWER SUPPLY			LIST PRICE	MI PRO CONTRIBUTION
			Ph	In (A)	Out (A)		MI CARE CREDIT
24	4 Core 1mm²	Outdoor	1 3	Via Outdoor	32 16	3746	60
24	4 Core 1mm²	Outdoor	1	Via Outdoor	32	4092	60
24	4 Core 1mm²	Outdoor	1 3	Via Outdoor	32 16	4304	60
24	4 Core 1mm²	Outdoor	3	Via Outdoor	16	4456	60
12	4 Core 1mm²	Outdoor	1	Via Outdoor	16	1702	60
24	4 Core 1mm²	Outdoor	1	Via Outdoor	20	2098	60
24	4 Core 1mm²	Outdoor	1 3	Via Outdoor	32 16	2998	60
24	4 Core 1mm²	Outdoor	1	Via Outdoor	32	3416	60
24	4 Core 1mm²	Outdoor	1 3	Via Outdoor	32 16	3628	60
24	4 Core 1mm²	Outdoor	3	Via Outdoor	16	3786	60
24	4 Core 1mm²	Outdoor	1 3	Via Outdoor	32 16	3266	60
24	4 Core 1mm²	Outdoor	1	Via Outdoor	32	3684	60
24	4 Core 1mm²	Outdoor	1 3	Via Outdoor	32 16	3896	60
24	4 Core 1mm²	Outdoor	3	Via Outdoor	16	4668	60
12	4 Core 1mm²	Outdoor	1	Via Outdoor	16	1384	60
12	4 Core 1mm²	Outdoor	1	Via Outdoor	16	1766	60
24	4 Core 1mm²	Outdoor	1	Via Outdoor	20	2180	60
24	4 Core 1mm²	Outdoor	1 3	Via Outdoor	32 16	3080	60
24	4 Core 1mm²	Outdoor	1	Via Outdoor	32	3438	60
24	4 Core 1mm²	Outdoor	1 3	Via Outdoor	32 16	3814	60
24	4 Core 1mm²	Outdoor	3	Via Outdoor	16	3926	60
24	4 Core 1mm²	Outdoor	1	Via Outdoor	20	2702	60
24	4 Core 1mm²	Outdoor	1 3	Via Outdoor	32 16	3394	60
24	4 Core 1mm²	Outdoor	1	Via Outdoor	32	3848	60
24	4 Core 1mm²	Outdoor	1 3	Via Outdoor	32 16	4060	60
24	4 Core 1mm²	Outdoor	3	Via Outdoor	16	4832	60

DATA IS SUBJECT TO CHANGE, SCAN THE QR CODE FOR MOST RECENT PRODUCT INFORMATION



MULTI SPLIT SYSTEMS

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 SYSTEMS

OUTDOOR UNITS

AG ECO WALL MOUNTED

BREEZELESS E - WALL MOUNTED

PENROSE XT WALL MOUNTED

COMPACT CASSETTE

A6 DUCT

CONSOLE





Voice Control



Smart Home



MULTI SPLIT OUTDOOR UNITS



Did you know?
You can scan me to
download a product
sales leaflet.



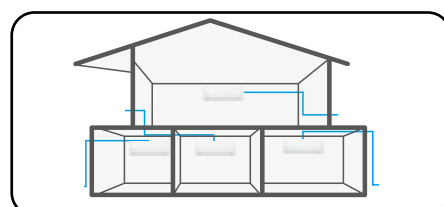
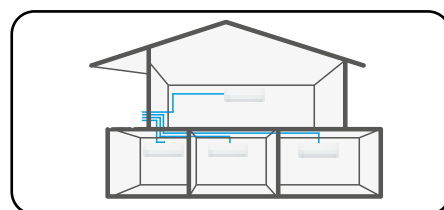
FLEXIBLE INSTALLATION

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

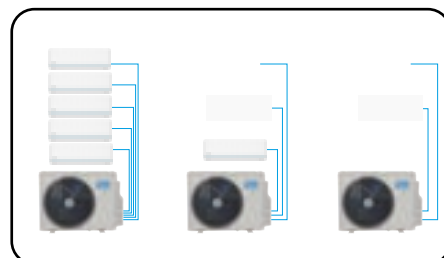
Indoor units do not need to be installed at the same time, which enables system expansion depending on the user's needs.

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



MULTI SPLIT OUTDOOR UNITS

OUTDOOR			M2OH-14HFN8-Q	M2OE-18HFN8-Q	M3OG-21HFN8-Q	M3OA-27HFN8-Q
Nominal Cooling Capacity (min-max)		kW	4.10 (1.39 - 4.83)	5.3 (1.4 - 6.34)	6.15 (2.142 - 6.85)	7.9 (1.58 - 8.69)
Nominal Heating Capacity (min-max)		kW	4.40 (1.65 - 4.98)	5.6 (1.54 - 6.66)	6.59 (1.80 - 6.74)	8.2 (1.58 - 8.69)
Outdoor air flow		m3/h	2100	2100	3000	3000
Outdoor sound pressure level		dB(A)	57	58	54	56
Connectable Indoors			2	2	3	3
Seasonal Efficiency SEER/Class		W/W	6.8/A++	6.1/A++	6.5/A++	6.1/A++
Seasonal Efficiency SCOP/Class		W/W	4/A+	4/A+	4/A+	4/A+
Power supply (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	5.8(1.9-7.6)	7.1(3.2-9.0)	8.3(1.8-10)	11.2(2.2-14.9)
Heating Current (min-max)		A	5.5(2.5-7.3)	6.6(2.80-7.90)	7.6(2.6-8)	10.1(11-12.5)
Max. Current		A	12	13	17	18
Recommended Fuse Size (Outdoor)		A	16	16	20	20
Dimensions (WxDxH)		mm	805x330x554	805x330x554	890x342x673	890x342x673
Packing (WxDxH)		mm	915x370x615	915x370x615	1030x438x750	1030x438x750
Net/Gross weight		Kg	31.6/34.7	35/38	43.3/47.1	48/51.8
Refrigerant	Type		R32	R32	R32	R32
	GWP		675	675	675	675
	Charged quantity	Kg	1.1	1.25	1.5	1.85
	Charged to	m	7.5 (Per Port)	7.5 (Per Port)	7.5 (Per Port)	7.5 (Per Port)
	Additional Charge	g/m	12	12	12	12
Refrigerant piping	Liquid side/ Gas side	mm(inch)	Ø6.35 & Ø9.52 (x2) (1/4" & 3/8" (x2))	Ø6.35 & Ø9.52 (x2) (1/4" & 3/8" (x2))	Ø6.35 & Ø9.52 (x3) (1/4" & 3/8" (x3))	Ø6.35 & Ø9.52 (x3) (1/4" & 3/8" (x3))
	Max. pipe length (All)	m	40	40	60	60
	Max. pipe length (Per indoor)	m	25	25	30	30
	Max. height indoor to outdoor	m	15	15	15	15
	Max. height between indoors	m	10	10	10	10
Thermostat type			Remote Control	Remote Control	Remote Control	Remote Control
Outdoor (Cooling/Heating)		°C	-15-50/-15-24	-15-50/-15-24	-15-50/-15-24	-15-50/-15-24
PRICE			1144	1210	1644	1718
MI CARE CREDIT			60	60	60	60

MULTI SPLIT OUTDOOR UNITS

OUTDOOR			M4OE-28HFN8-Q	M4OB-36HFN8-Q	M5OE-42HFN8-Q
Nominal Cooling Capacity (min-max)		kW	8.20 (2.84 - 9.67)	10.6 (1.59 - 13.78)	12.3 (1.66 - 14)
Nominal Heating Capacity (min-max)		kW	8.79 (2.28 - 11.42)	11.1 (1.8 - 14.4)	12.3 (1.66 - 14.94)
Outdoor air flow		m3/h	3800	4000	3850
Outdoor sound pressure level		dB(A)	56	57	57
Connectable Indoors			4	4	5
Seasonal Efficiency SEER/Class		w/w	7.0/A++	6.1/A++	6.5/A++
Seasonal Efficiency SCOP/Class		w/w	4/A+	4/A+	3.8/A
Power supply (Outdoor)		V-Ph-Hz	220-240V,1Ph,50Hz	220-240V,1Ph,50Hz	220-240V,1Ph,50Hz
Cooling Current (min-max)		A	13.2(3.92-15.6)	16.8(4.1-19)	17.8(2.3-20.4)
Heating Current (min-max)		A	13.5(4.43-14.37)	15(4.9-17.5)	13.5(3.6-17.4)
Max. Current		A	19	21.5	22
Recommended Fuse Size (Outdoor)		A	20	25	25
Dimensions (WxDxH)		mm	946x410x810	946x410x810	946x410x810
Packing (WxDxH)		mm	1090x500x885	1090x500x885	1090x500x885
Net/Gross weight		Kg	62.1/67.7	68.8/75.6	74.1/79.5
Refrigerant	Type		R32	R32	R32
	GWP		675	675	675
	Charged quantity	Kg	2.1	2.1	2.9
	Charged to	m	7.5 (Per Port)	7.5 (Per Port)	7.5 (Per Port)
	Additional Charge	g/m	12	12 / 24	12 / 24
Refrigerant piping	Liquid side/ Gas side	mm(inch)	Ø6.35 & Ø9.52 (x4) (1/4" & 3/8" (x4))	Ø6.35 (x4) & Ø9.52 (x3) & Ø12.7(x1) (1/4" (x4) & 3/8" (x3) & 1/2" (x1))	Ø6.35 (x5) & Ø9.52 (x4) & Ø12.7(x1) (1/4" (x5) & 3/8" (x4) & 1/2" (x1))
	Max. pipe length (All)	m	80	80	80
	Max. pipe length (Per indoor)	m	35	35	35
	Max. height indoor to outdoor	m	15	15	15
	Max. height between indoors	m	10	10	10
Thermostat type			Remote Control	Remote Control	Remote Control
Outdoor (Cooling/Heating)		°C	-15-50/-15-24	-15-50/-15-24	-15-50/-15-24
PRICE			2068	2686	2806
MI CARE CREDIT			60	60	60

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.

DATA IS SUBJECT TO CHANGE, SCAN THE QR CODE FOR MOST RECENT PRODUCT INFORMATION

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.

DATA IS SUBJECT TO CHANGE, SCAN THE QR CODE FOR MOST RECENT PRODUCT INFORMATION

MULTI SPLIT INDOOR UNITS

AG ECO - WALL MOUNTED



IR Controller RG10-S (included)

INDOOR			AG2Eco-09NXD0-I(U)	AG2Eco-12NXD0-I(U)	AG2Eco-18NXD0-I(U)	AG2Eco-24NXD0-I(U)
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
Interconnecting Wiring		No.	4 Core 1.5mm	4 Core 1.5mm	4 Core 1.5mm	4 Core 1.5mm
Power Supply		V-Hz-Ph	Via Outdoor	Via Outdoor	Via Outdoor	Via Outdoor
Indoor air flow (High - Low)		m3/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
Dimensions (WxDxH)		mm	726x210x291	835x208x295	969x241x320	1083x244x336
Packing (WxDxH)		mm	790x270x375	905x290x355	1045x315x405	1155x315x415
Net/Gross weight		Kg	8/10.5	8.7/11.5	11.2/14.6	13.6/17.3
Thermostat type			Remote Control	Remote Control	Remote Control	Remote Control
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")	Ø9.52/Ø15.9(3/8"/5/8")
Indoor (Cooling/Heating)		°C	16-32/0-30	16-32/0-30	16-32/0-30	16-32/0-30
PRICE			250	282	358	404

A6 DUCTED



IR Controller RG10-S (included)



Wired Controller KJR-120M1 (included)

INDOOR			MTIU-09HWFNX(GA)	MTIU-12HWFNX(GA)	MTIU-18HWFNX(GA)
Nominal Cooling Capacity (min-max)		kW	2.6(1.03 - 3.2)	3.52(0.53-3.99)	5.28(2.55-5.86)
Nominal Heating Capacity (min-max)		kW	3.0(0.82 - 3.4)	3.81(1.00-4.39)	5.57(2.20-6.15)
UK Total Cooling Capacity		kW	3.06	3.79	5.56
Power Supply		V-Hz-Ph	Via Outdoor	Via Outdoor	Via Outdoor
Interconnecting Wiring		No.	4 Core 1.5mm	4 Core 1.5mm	4 Core 1.5mm
External Static Pressure		Pa	0-40	0-60	0-100
Indoor air flow (High - Low)		m3/h	500/340/230	600/480/300	880/650/350
Indoor Sound Pressure Level (High-Low)		dB(A)	40/34.5/27.5	34.5/30.5/29/23	42/39/35/26
Dimensions (WxDxH)		mm	700x506x200	700x506x200	880x674x210
Packing (WxDxH)		mm	860x540x285	860x540x285	1070x725x280
Net/Gross weight		Kg	17.8/21.5	17.8/21.5	24.4/29.6
Thermostat type			Remote Control	Remote Control	Remote Control
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")
Indoor (Cooling/Heating)		°C	16-32/0-30	16-32/0-30	16-32/0-30
PRICE			578	588	658
PRICE (VERTICAL MOUNT)			N/A	652	720

COMPACT ROUNDFLOW CASSETTE



IR Controller RG10-S/B (included)



Wired Controller KJR-120M1 (included)

INDOOR			MCA3U-09HRFNX(GA)	MCA4U-12HRFNX(GA)	MCA4U-18HRFNX(GA)
Nominal Cooling Capacity (min-max)		kW	2.6(1.03 - 3.2)	3.52 (0.85-4.16)	5.28(2.90-5.59)
Nominal Heating Capacity (min-max)		kW	3.0(0.82 - 3.4)	3.81 (0.47-4.34)	5.57(2.37-6.10)
UK Total Cooling Capacity		kW	3.06	3.9	5.3
Power Supply		V-Hz-Ph	Via Outdoor	Via Outdoor	Via Outdoor
Interconnecting Wiring		No.	4 Core 1.5mm	4 Core 1.5mm	4 Core 1.5mm
Indoor air flow (Hi/Mi/Lo)		m3/h	540/500/460	620/520/330	660/540/300
Indoor Sound Pressure Level (High-Low)		dB(A)	39/37/35	42/38.5/31.5/25.5	44/41/31.5/25
Dimensions (WxDxH) (body)		mm	570x570x260	570x570x245	570x570x245
Packing (WxDxH) (body)		mm	675x640x295	715x640x295	715x640x295
Net/Gross weight (body)		Kg	14.5/17.3	16.1/18.8	16.2/19
Dimensions (WxDxH) (panel)		mm	647x647x50	620x620x50	620x620x50
Packing (WxDxH) (panel)		mm	715x715x123	715x700x115	715x700x115
Net/Gross weight (panel)		Kg	14.5/17.5	2.7/4.3	2.7/4.3
Thermostat type			Remote Control	Remote Control	Remote Control
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")
Indoor (Cooling/Heating)		°C	16-32/0-30	16-32/0-30	16-32/0-30
PRICE (Indoor)			436	446	578
PRICE (Panel)			122	122	122
PRICE (Total)			558	568	700

DATA IS SUBJECT TO CHANGE, SCAN THE QR CODE FOR MOST RECENT PRODUCT INFORMATION

MULTI SPLIT INDOOR UNITS

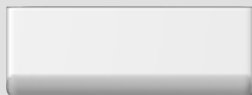
CONSOLE



IR Controller RG10-S (included)

INDOOR			MFA2U-09HRFNX(GA)	MFA2U-12HRFNX(GA)	MFA2U-17HRFNX(GA)
Nominal Cooling Capacity (min-max)		kW	2.6(0.76-3.25)	3.52(0.76-4.25)	4.98(2.64-5.57)
Nominal Heating Capacity (min-max)		kW	2.94(0.45-4.69)	3.81(0.45-4.69)	5.28(2.20-6.30)
UK Total Cooling Capacity		kW	3.01	3.82	5.01
Power Supply		V-Hz-Ph	Via Outdoor	Via Outdoor	Via Outdoor
Interconnecting Wiring		No.	4 Core 1.5mm	4 Core 1.5mm	4 Core 1.5mm
Indoor air flow (High - Low)		m3/h	650/580/490	650/580/490	780/690/600
Indoor Sound Pressure Level (High-Low)		dB(A)	37/34/27/23	37/34/27/23	41/38/32/26
Dimensions (WxDxH)		mm	794x200x621	794x200x621	794x200x621
Packing (WxDxH)		mm	865x280x719	865x280x719	865x280x719
Net/Gross weight		Kg	14.9/18.8	14.9/18.8	14.9/18.8
Thermostat type			Remote Control	Remote Control	Remote Control
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")
Indoor (Cooling/Heating)		°C	16-32/0-30	16-32/0-30	16-32/0-30
PRICE			608	618	674

BREEZELESSS E - WALL MOUNTED



IR Controller RG10-B (included)

INDOOR			CB1-09HRFN8-I	CB1-12HRFN8-I	CB1-18HRFN8-I	CB1-24HRFN8-I
Nominal Cooling Capacity (min-max)		kW	2.79 (1.02 - 3.51)	3.77 (1.377 - 4.39)	5.27 (1.93 - 6.27)	7.03 (1.37 - 8.29)
Nominal Heating Capacity (min-max)		kW	2.93 (1.02 - 3.81)	3.79 (1.84 - 4.39)	5.56 (1.28 - 7.0)	7.32 (1.61 - 9.05)
UK Total Cooling Capacity		kW	3.25	4.17	5.7	7.78
Interconnecting Wiring		No.	4 Core 1.5mm	4 Core 1.5mm	4 Core 1.5mm	4 Core 1.5mm
Power Supply		V-Hz-Ph	Via Outdoor	Via Outdoor	Via Outdoor	Via Outdoor
Indoor air flow (High - Low)		m3/h	510/415/375	520/420/380	835/620/510	1170/950/810
Indoor Sound Pressure Level (High-Low)		dB(A)	37/32/20.5/19.5	37.5/35.5/21/20	41/36.5/32.5/20.5	45.0/40.5/30.5/24.0
Dimensions (WxDxH)		mm	812x199x299	812x199x299	968x225x320	1030x338x238
Packing (WxDxH)		mm	870x277x385	870x277x385	1027x307x412	1125x430x345
Net/Gross weight		Kg	9.1/11.6	9.3/12.2	12.3/16.2	14.26/21.66
Thermostat type			Remote Control	Remote Control	Remote Control	Remote Control
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")	Ø9.52/Ø15.9(3/8"/5/8")
Indoor (Cooling/Heating)		°C	16-32/0-30	16-32/0-30	16-32/0-30	16-32/0-30
PRICE			288	330	418	550

PENROSE XT - WALL MOUNTED



IR Controller RG10-S (included)

INDOOR			MSXTBU-09HRFN8	MSXTBU-12HRFN8	MSXTBU-18HRFN8
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
Interconnecting Wiring		No.	4 Core 1.5mm	4 Core 1.5mm	4 Core 1.5mm
Power Supply		V-Hz-Ph	Via Outdoor	Via Outdoor	Via Outdoor
Indoor air flow (Hi/Mi/Lo)		m3/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
Dimensions (WxDxH)		mm	920x211x321	920x211x321	920x211x321
Packing (WxDxH)		mm	1005x385x295	1005x385x295	1005x385x295
Net/Gross weight		Kg	11.30/14.16	11.30/14.16	11.3/14.4
Thermostat type			Remote Control	Remote Control	Remote Control
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")
Indoor (Cooling/Heating)		°C	16-32/0-30	16-32/0-30	16-32/0-30
PRICE			400	440	540

DATA IS SUBJECT TO CHANGE, SCAN THE QR CODE FOR MOST RECENT PRODUCT INFORMATION

COMBINATION TABLES

M2OH-14HFN8-Q

ONE UNIT	TWO UNIT
9	9+9
12	
17	
18	

M2OE-18HFN8-Q

ONE UNIT	TWO UNIT
9	9+9
12	9+12
17	12+12
18	

M3OG-21HFN8-Q

ONE UNIT	TWO UNIT	THREE UNIT
9	9+9	9+9+9
12	9+12	
17	9+17	
18	9+18	
	12+12	

M3OA-27HFN8-Q

ONE UNIT	TWO UNIT	THREE UNIT
9	9+9	12+12
12	9+12	12+17
17	9+17	12+18
18	9+18	
		12+12+12

M4OE-28HFN8-Q

ONE UNIT	TWO UNIT	THREE UNIT	FOUR UNIT
9	9+9	12+17	9+9+9
12	9+12	12+18	9+9+12
17	9+17	12+24	9+9+17
18	9+18	17+17	9+9+18
24	9+24	17+18	9+12+12
	12+12	18+18	12+12+12

M4OB-36HFN8-Q

ONE UNIT	TWO UNIT	THREE UNIT	FOUR UNIT
9	9+9	12+12	9+9+9
12	9+12	12+17	9+9+12
17	9+17	12+18	9+9+17
18	9+18	12+24	9+9+18
24	9+24	17+17	9+9+24
		18+18	9+12+12
			9+12+17
			9+12+18
			9+12+18

M5OE-42HFN8-Q

ONE UNIT	TWO UNIT	THREE UNIT	FOUR UNIT	FIVE UNIT
9	9+9	12+12	9+9+9	9+12+18
12	9+12	12+18	9+9+12	9+18+18
17	9+17	12+24	9+9+17	12+12+12
18	9+18	17+17	9+9+18	12+12+17
24	9+24	17+18	9+9+24	12+17+17
		18+18	9+12+12	12+17+18
			9+12+24	12+12+18
			9+12+17	12+18+18
			9+17+17	12+12+24
			9+17+18	

* Any combinations not detailed above do not meet with Midea permissible combinations, and should not be used.

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
- 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 as standard with the full Multi indoor range

M2 - UP TO 2 INDOORS

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



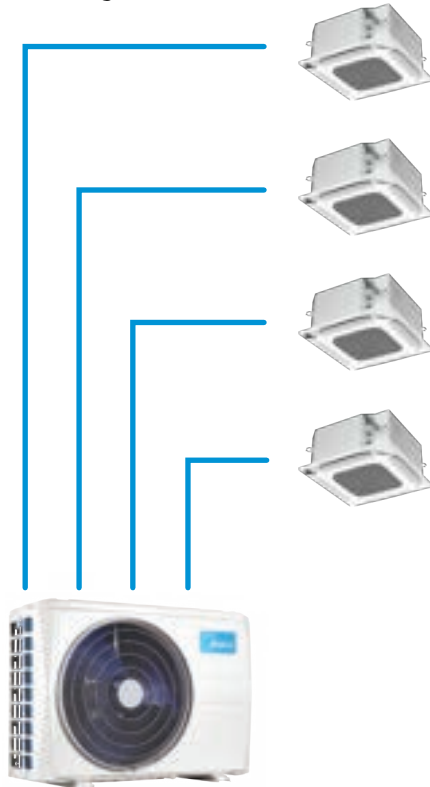
M3 - UP TO 3 INDOORS

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



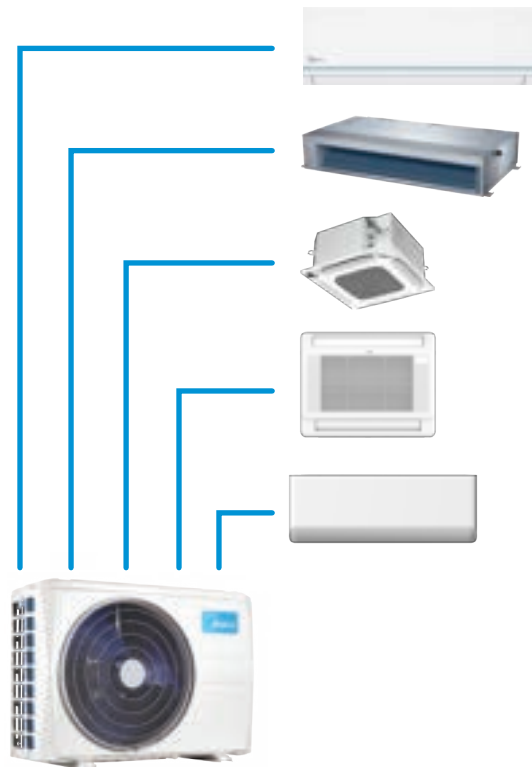
M4 - UP TO 4 INDOORS

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



MULTI SPLIT OUTDOOR UNITS

TYPE	CODE	COOLING kW (Min-Max)	HEATING kW (Min-Max)	PIPE SIZES	MAX PIPE LENGTH (M)	MAX PIPE HEIGHT (M)
OUTDOOR UNITS						
	14	4.10 (1.39-4.83)	4.40 (1.65-4.98)	(1/4" & 3/8" (x2))	40	10
	18	5.3 (1.4-6.34)	5.6 (1.54-6.66)	1/4" & 3/8" (x2)	40	10
	21	6.15 (2.142-6.85)	6.59 (1.80-6.74)	(1/4" & 3/8" (x3))	60	10
	27	7.9 (1.58-8.69)	8.2 (1.58-8.69)	1/4" & 3/8" (x3)	60	10
	28	8.20 (2.84-9.67)	8.79 (2.28-11.42)	(1/4" & 3/8" (x4))	80	10
	36	10.6 (1.59-13.78)	11.1 (1.8-14.4)	1/4" (x4) & 3/8" (x3) & 1/2" (x1)	80	10
	42	12.3 (1.66-14)	12.3 (1.66-14.94)	1/4" (x5) & 3/8" (x4) & 1/2" (x1)	80	10
AG ECO - WALL MOUNTED						
AGECO						
	9	2.64 (1.02-3.22)	2.9 (0.82-3.37)	1/4" & 3/8"	25-35*	10
	12	2.64 (1.02-3.22)	3.80 (1.69-4.38)	1/4" & 3/8"	25-35*	10
	18	5.27 (3.39-5.89)	5.56 (3.10-5.84)	1/4" & 1/2"	25-35*	10
	24	7.03 (2.11-8.20)	7.32 (1.55-8.20)	3/8" 5/8"	25-35*	10
BREEZELESS E - WALL MOUNTED						
CB1						
	9	2.79(1.02-3.51)	2.93(1.02-3.81)	1/4" & 3/8"	25-35*	10
	12	3.77(1.377-4.39)	3.79(1.84-4.39)	1/4" & 3/8"	25-35*	10
	18	5.27(1.93-6.27)	5.56(1.28-7.0)	1/4" & 1/2"	25-35*	10
	24	7.03(1.37-8.29)	7.32(1.61-9.05)	3/8" 5/8"	25-35*	10
PENROSE - WALL MOUNTED						
MSX						
	9	2.63(1.23-3.29)	2.93(0.84-3.72)	1/4" & 3/8"	25-35*	10
	12	3.72 (1.31-4.30)	3.80(0.87-4.39)	1/4" & 3/8"	25-35*	10
	18	5.27(1.81- 6.00)	5.56(1.25-6.15)	1/4" & 1/2"	25-35*	10
COMPACT CASSETTE						
MCA						
 9 12/18	9	2.6(1.03-3.2)	3.0(0.82-3.4)	1/4" & 3/8"	25-35*	10
	12	3.52(0.85-4.16)	3.81(0.47-4.34)	1/4" & 3/8"	25-35*	10
	18	5.28 (2.90-5.59)	5.57(2.37-6.10)	1/4" & 1/2"	25-35*	10
DUCTED**						
MTIU						
	9	2.6(1.03-3.2)	3.0(0.82-3.4)	1/4" & 3/8"	25-35*	10
	12	3.52(0.53-3.99)	3.81(1.00-4.39)	1/4" & 3/8"	25-35*	10
	18	5.28(2.55-5.86)	5.57(2.20-6.15)	1/4" & 1/2"	25-35*	10
CONSOLE						
MFA2U						
	9	2.6(0.76-3.25)	2.94(0.45-4.69)	1/4" & 3/8"	25-35*	10
	12	3.52(0.76-4.25)	3.81(0.45-4.69)	1/4" & 3/8"	25-35*	10
	17	4.98(2.64-5.57)	5.28(2.20-6.30)	1/4" & 1/2"	25-35*	10

*Max pipe length varies depending on outdoor/indoor combination - see manual for full details.
**Vertical Ducted available at additional cost (see page 43)

DATA IS SUBJECT TO CHANGE, SCAN THE QR CODE FOR MOST RECENT PRODUCT INFORMATION

MULTI SPLIT OUTDOOR UNITS

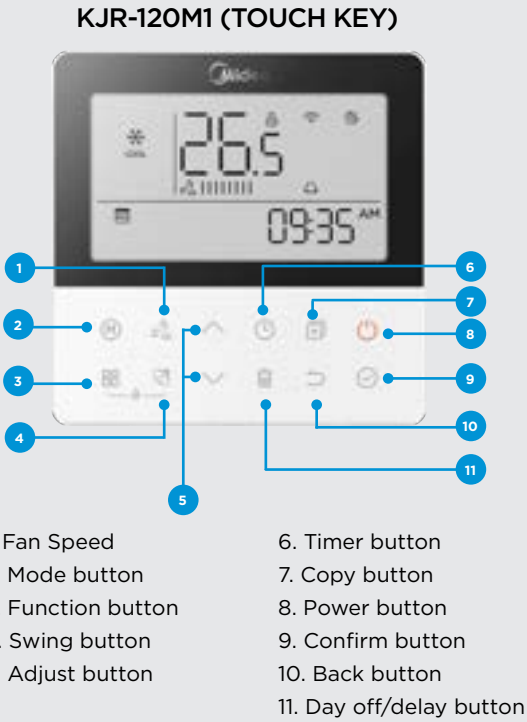
CHARGE g/M	INTERCONNECTING CABLE	POWER TO	POWER SUPPLY		LIST PRICE	MI PRO CONTRIBUTION
			Ph	Fuse (A)		MI CARE CREDIT
See Indoor	See Indoor	Outdoor	1	16	1144	60
See Indoor	See Indoor	Outdoor	1	16	1210	60
See Indoor	See Indoor	Outdoor	1	20	1644	60
See Indoor	See Indoor	Outdoor	1	20	1718	60
See Indoor	See Indoor	Outdoor	1	20	2068	60
See Indoor	See Indoor	Outdoor	1	25	2686	60
See Indoor	See Indoor	Outdoor	1	25	2806	60
12	4 Core 1.5mm	Outdoor	1	N/A	250	See Outdoor
12	4 Core 1.5mm	Outdoor	1	N/A	282	See Outdoor
12	4 Core 1.5mm	Outdoor	1	N/A	358	See Outdoor
24	4 Core 1.5mm	Outdoor	1	N/A	404	See Outdoor
12	4 Core 1.5mm	Outdoor	1	550	288	See Outdoor
12	4 Core 1.5mm	Outdoor	1	N/A	330	See Outdoor
12	4 Core 1.5mm	Outdoor	1	N/A	418	See Outdoor
24	4 Core 1.5mm	Outdoor	1	N/A	550	See Outdoor
12	4 Core 1.5mm	Outdoor	1	N/A	400	See Outdoor
12	4 Core 1.5mm	Outdoor	1	N/A	440	See Outdoor
12	4 Core 1.5mm	Outdoor	1	N/A	540	See Outdoor
12	4 Core 1.5mm	Outdoor	1	N/A	558	See Outdoor
12	4 Core 1.5mm	Outdoor	1	N/A	568	See Outdoor
12	4 Core 1.5mm	Outdoor	1	N/A	700	See Outdoor
12	4 Core 1.5mm	Outdoor	1	N/A	578	See Outdoor
12	4 Core 1.5mm	Outdoor	1	N/A	588	See Outdoor
12	4 Core 1.5mm	Outdoor	1	N/A	658	See Outdoor
12	4 Core 1.5mm	Outdoor	1	N/A	608	See Outdoor
12	4 Core 1.5mm	Outdoor	1	N/A	618	See Outdoor
12	4 Core 1.5mm	Outdoor	1	N/A	674	See Outdoor

SPLIT SYSTEM CONTROLLERS

HARD WIRED CONTROLLERS

MODEL	KJR-120M1
Multi System Control	✓
Wiring Type	2 Core Wired/Plug and Play
WiFi Control	✓
BreezeleSS+ Function	✓
Auto Duty/Standby Rotation	✓
Mode selection	✓
Auto mode	✓
Static Pressure Adjustment	✓
Keyboard lock	✓
Swing function	✓
Background light	✓
24 hour timer	✓
Clock display	✓
Address setting	✓
Remote signal receiver	✓
Clean filter reminder	✓
Follow Me function	✓
Silent mode	✓
Turbo mode	✓
Weekly schedule timer	✓
Auto restart	✓
Dimensions (HxWxD)mm	120x120x20
Power Supply	DC 5V (Supplied by indoor unit)
PRICE	160

WIDE RANGE OF FUNCTIONS
A user friendly selection of wired controllers, with functions to suit any environmental requirements. Clear LED display screens, 24 hour or weekly timers, auto functions and error reporting are just some of the functions available in the Midea wired controller range.



WIRELESS REMOTE CONTROLLERS

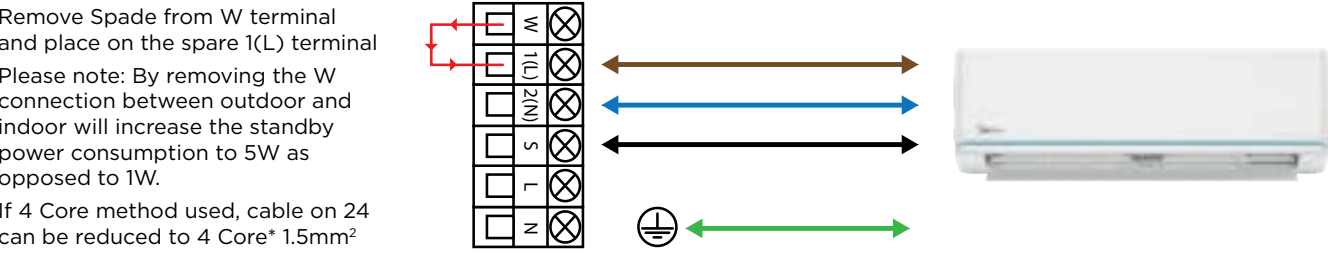
MODEL	RG10-S	RG10-B
Mode selection	✓	✓
BreezeleSS+ Function	✗	✓
Temperature setting	✓	✓
Fan speed control	✓	✓
Keyboard lock	✓	✓
Eco mode	✓	✓
Swing function	✓	✓
Air direction control	✓	✓
24 hour timer	✓	✓
Night silent mode	✓	✓
Address setting	✓	✓
Follow Me function	✓	✓
Display shut-off	✓	✓
Background light	✓	✓
Signal Range	8m	8m
Batteries	1.5V(LR03/AAA) x 2	
PRICE	84	94

ACCESSORIES

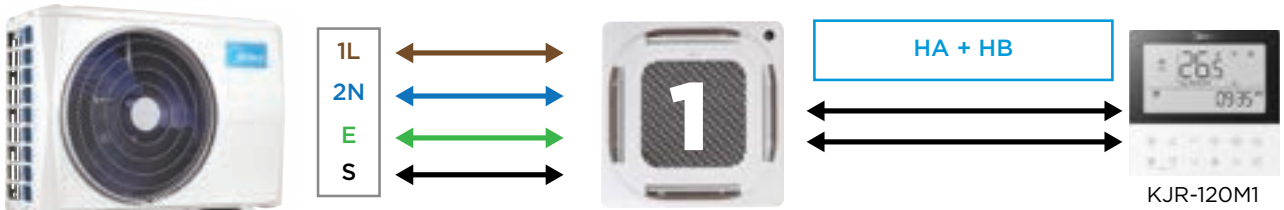
MODEL	DESCRIPTION	PRICE
SK105	Wi-Fi for High Wall	84
IR EXT	Infra-red Extension Cable (5 Meter)	46
RTS	Remote Temperature Sensor Extension (5 Meter)	54
MFCB CC (Wall)	Wall Multi Function Control Board for Central Control	46
AG MFCB HW (Wall)	Wall Multi Function Control Board for 2-Core Controller	46
MFCB CC (Console)	Console Multi Function Control Board for 2-Core Controller	46

INSTALLATION GUIDES

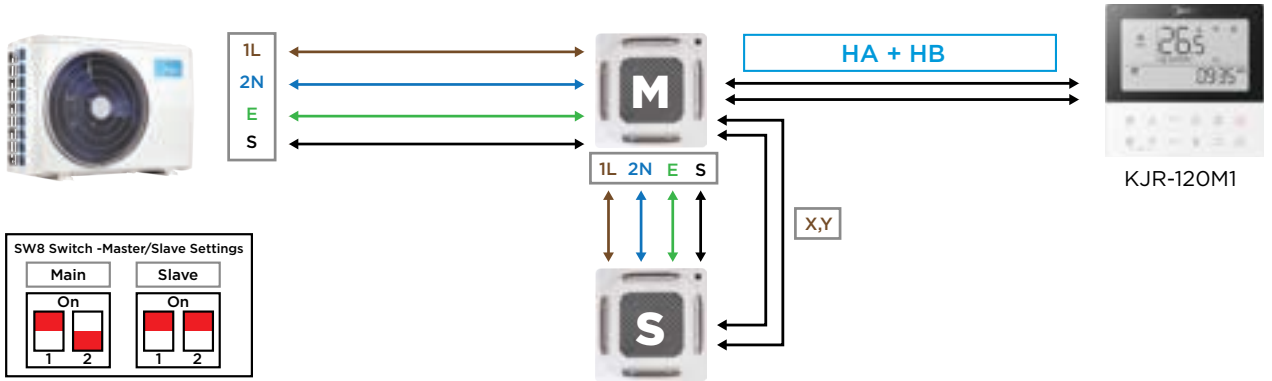
WALL MOUNTED - 4-Core Wiring



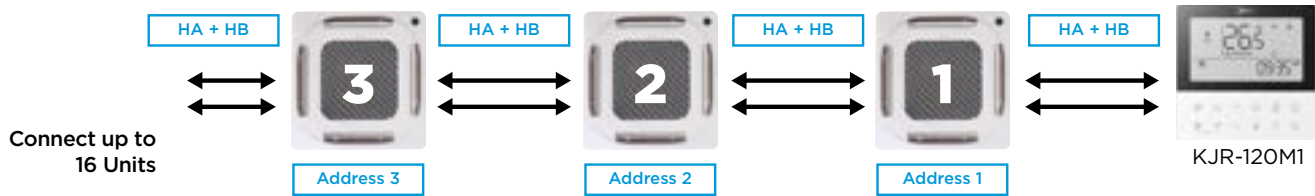
BREEZELESS+ CASSETTES, A6 DUCT, CEILING & FLOOR KJR-120M1 - 2-Core Controller



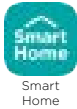
BREEZELESS+, A6 DUCT, CEILING & FLOOR TWIN KJR-120M1 - 2-Core Controller



MULTI SYSTEM KJR-120M1 - 2-Core Controller



Interconnecting power supply must be locally isolated with a 5amp switch fuse spur. 2 core control wiring: CY 0.5mm-1/5mm connection between controller and unit(s).



SMARTHOME APP



Did you know?
You can scan me to
download a product
sales leaflet.



EQUIPMENT DIAGNOSTICS AT THE TOUCH OF A BUTTON

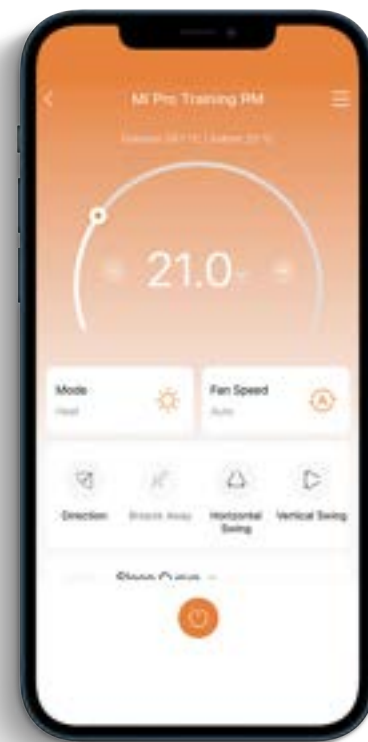
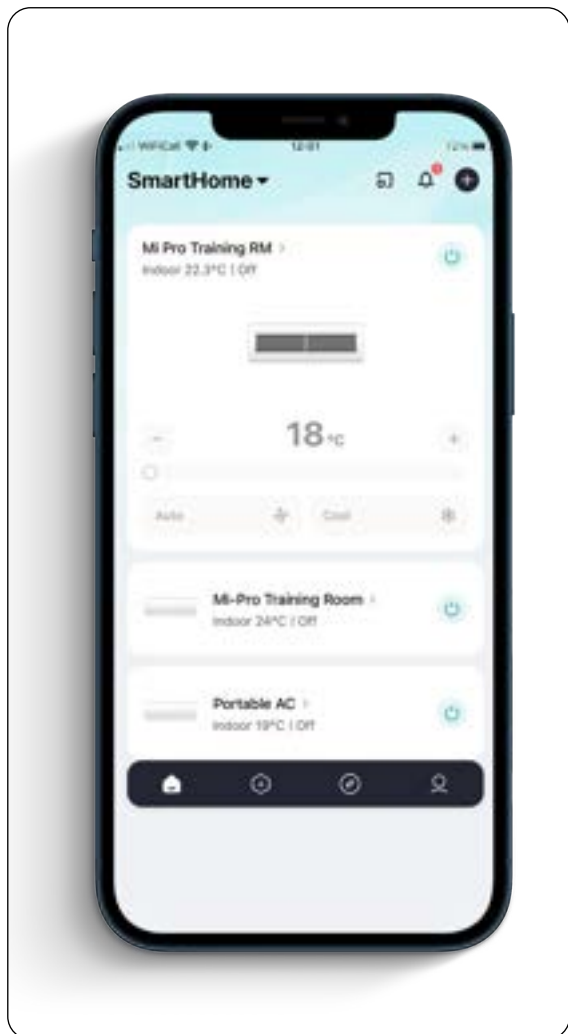
Using the SmartHome app, remotely check up to 118 test items at the touch of a button and share system status live with engineers in advance of any site visit. In the unlikely event of a system error, the engineer could be equipped with any required spare parts, saving time on diagnostics, multiple site visits and end user inconvenience.

Making control even easier, SmartHome app is compatible with IFTTT which allows integration with third party home automation systems.



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
- FAN SPEED**
Select fan speed from 0 to 100%
- MODE**
Auto/Cool/Heat/Dry/Fan Only
- POWER BUTTON**
Turn air conditioner On/Off



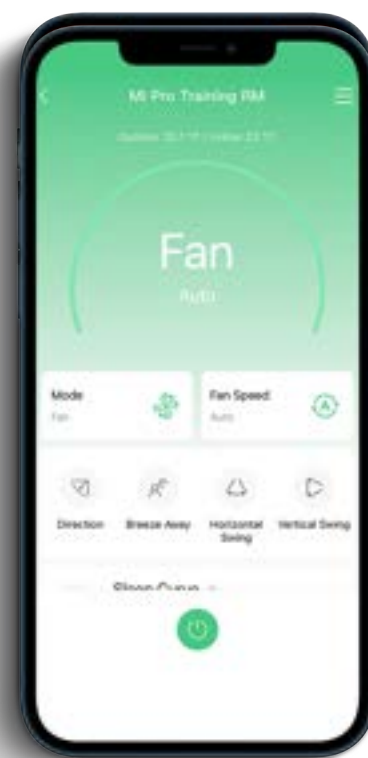
HEATING

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.

VRF OUTDOORS

Midea offers high performance VRF outdoor units with heat pump and heat recovery technology. The variety of models bring high efficiency, high reliability cooling and heating to projects large and small.

VRF OUTDOORS SYSTEMS

MINI VRF FULL DC INVERTER

V8 HEAT PUMP

V6R HEAT RECOVERY

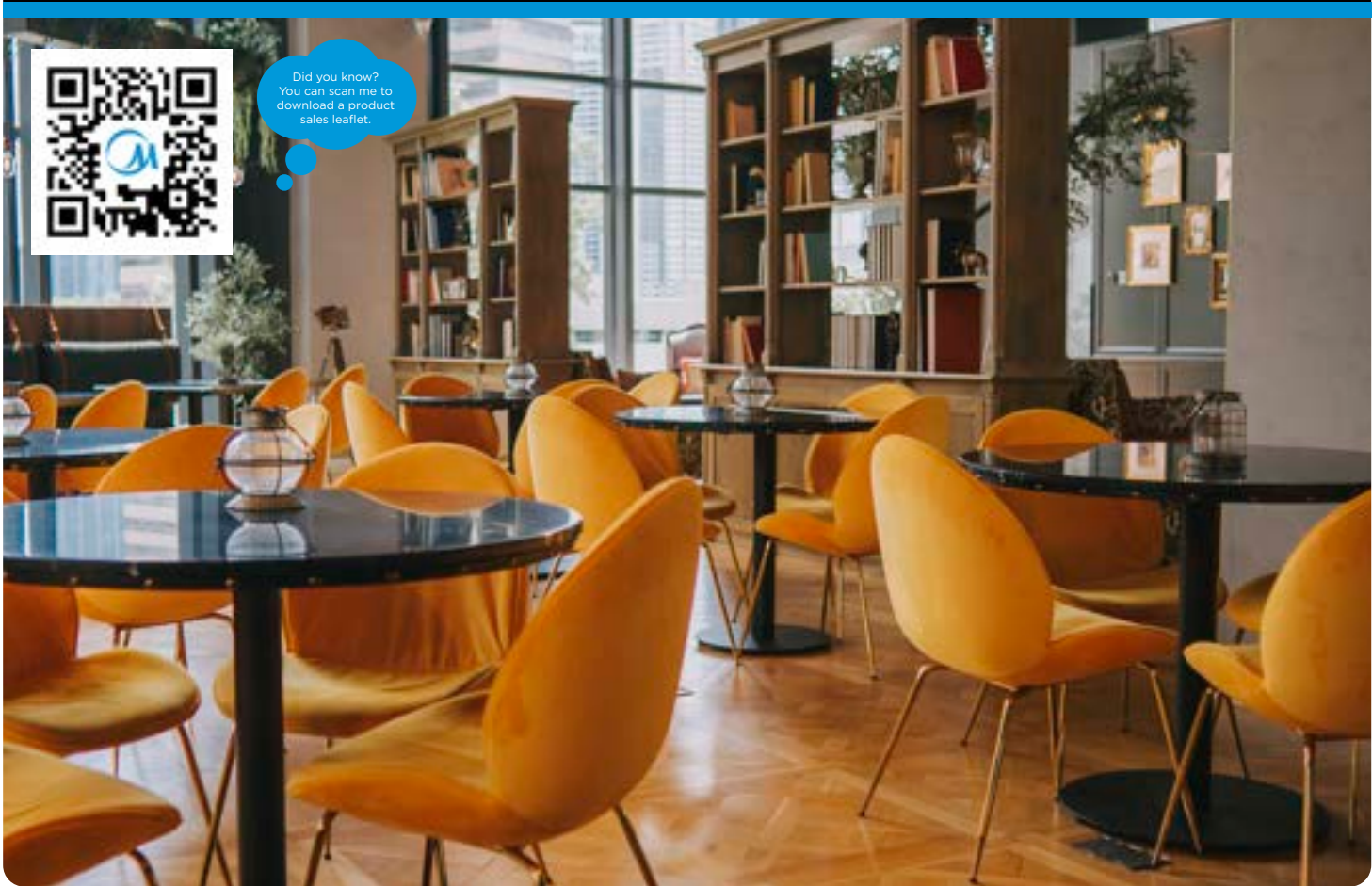
MODE SWITCH BOX

CONTROLLERS

BRANCH JOINTS

SELECTION SOFTWARE

MINI VRF FULL DC INVERTER



WIDE APPLICATION RANGE

The outdoor unit is available in capacity ranges from 7.2kW to 61.5kW. It is perfect for commercial and residential applications such as small offices, apartments and shops.

WIDE RANGE OF INDOOR UNITS

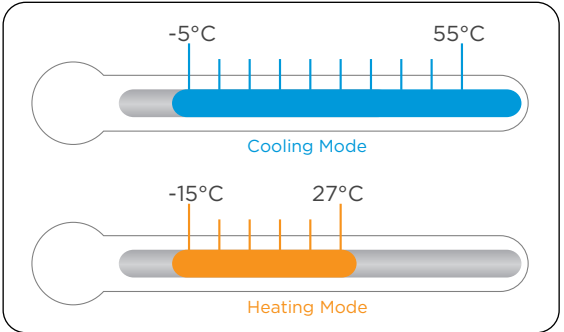
Midea provides 11 ranges and more than 100 models of VRF indoor units. These have been proven to meet a wide range of applications including hotels, hospitals, office blocks, airports and sports stadiums.

WIDE OPERATION RANGE

Mini VRF Series operates stably under extreme conditions, ranging from minus -15°C to 55°C.

LONG PIPING LENGTH

The Mini VRF provides a total piping length possibility of 560m, a maximum height difference between outdoor and indoor units of 50m. The height difference between indoor units can be up to 30m. These generous allowances facilitate an extensive array of system designs.



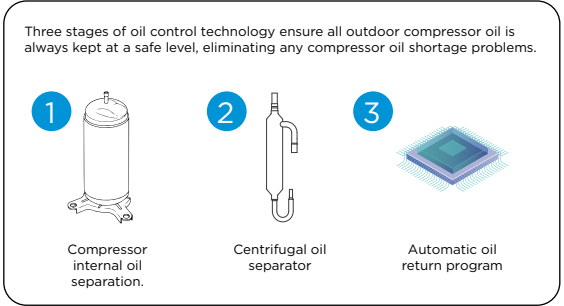
Wide operation range

It has been certified by UL that our VRF outdoor unit can withstand 27 years of simulated severe corrosion under a salt contaminated traffic environment.

Outdoor Unit can resist 27 years of simulated severe corrosion under a salt contaminated traffic environment

*UL anti-corrosion certificate is available for heavy anti-corrosion treatment units.

UL Anti-Corrosion Certificate*



Precise Oil Control



PIPE LENGTH

	PERMITTED VALUE(M)		MONOPHASE			3 PHASE		
			80	100/120	140/160/180	120/140/160	200/224/260 /280/335	400/450/500 /560/615
Piping length	Total piping length		≤70	≤90	≤130	≤100	≤150	≤ 560
Piping length	Piping between furthest indoor unit and outdoor unit	Actual length	≤35	≤45	≤60	≤60	≤100	≤ 150
Piping length		Equivalent length	≤40	≤50	≤70	≤70	<110	≤ 175
Level differences	Piping between furthest indoor unit and first indoor branch joint		≤20m	≤20	≤20	≤20	≤ 40	≤ 40/90
	Largest level difference between indoor unit and outdoor unit	Outdoor unit is above	≤10m	≤20	≤30	≤30	≤50	≤ 50
		Outdoor unit is below	≤10	≤20	≤20	≤20	≤40	≤ 40
	Largest level difference between indoor units		≤10	≤10	≤10	≤8	≤15	≤ 30

1. Total pipe length is equal to all the liquid pipe or all the gas pipe length.
2. When the total equivalent pipe length of liquid side plus gas side is more than 90m, it needs to meet the specific conditions according to the installation part of the technical manual.
*See technical manual for full information

EASY INSTALLATION AND SERVICE

EASY INSTALLATION

No special area is required for outdoor units. All outdoor units can be transported by elevator, which greatly simplifies installation and reduces time and labour.

The Mini VRF system's indoor and outdoor units are almost as easy to install as residential air conditioning systems, making them ideal for small offices and shops.

SPACE SAVING DESIGN

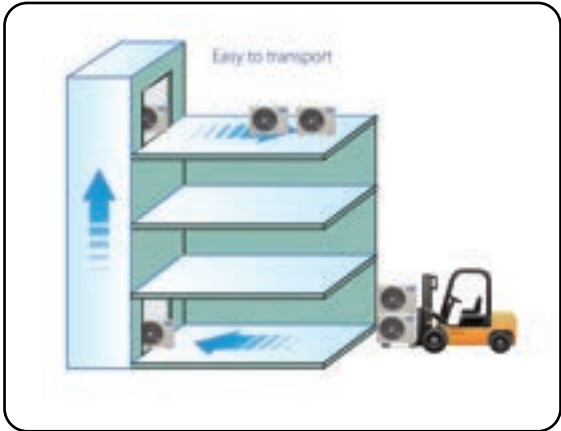
The Mini VRF units are slimmer and more compact, resulting in significant savings in installation space.

In some large residential and light commercial areas, such as restaurants, shops and larger houses, it would usually need more than one indoor unit, which in turn requires multiple outdoor units.

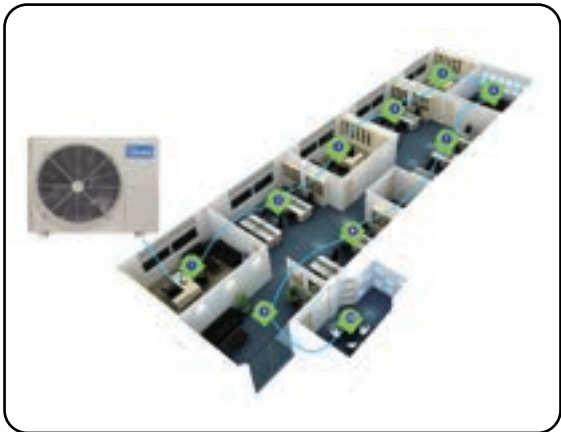
Midea's Mini VRF system solves this problem, and retains the aesthetics of the building.

AUTO ADDRESSING

Outdoor unit can distribute addresses for indoor units automatically. Wireless and wired controllers can query and modify each indoor units address.



Easy installation



Auto addressing

MINI VRF FULL DC INVERTER (Single Phase)

MODEL			MDV-V80WDN1(D)	MDV-V100WDN1(D)	MDV-V120WDN1(D)	MDV-V140WDN1(D)	MDV-V160WDN1(D)	MDV-V180WDN1(D)
HP			3	4	4.5	5	6	6.5
Power supply		V-Ph-Hz	220-240V,1Ph,50Hz					
Recommended Fuse Size		A	25	32	40	40	40	40
Cooling	Capacity	kW	7.2(1.5-8)	9(2-10)	12.3	14	15.5	17.5
Heating	Capacity	kW	7.2(1.6-9)	9(2.1-12)	14	16	17.5	19
Seasonal Efficiency	SEER*	W/W	6.5	6.2	6.65	6.6	6.6	6.5
	SCOP*	W/W	4.25	4.4	4.25	4.3	4.35	4.25
Connectable Range	Total capacity		45-130% of outdoor unit capacity					
	Connectable Indoors		4	6	7	8	9	9
Compressor	Type		DC inverter	DC inverter	DC inverter	DC inverter	DC inverter	DC inverter
	Quantity		1	1	1	1	1	1
Fan motor	Type		DC Motor	DC Motor	DC Motor	DC Motor	DC Motor	DC Motor
	Quantity		1	1	1	1	1	1
Refrigerant	Type		R410A					
	GWP		2088					
	Factory charging	kg	1.7	2.6	3.2	3.1	3.6	4.6
Pipe connections	Liquid pipe	mm(inch)	Ø9.53(3/8)	Ø9.53(3/8)	Ø9.53(3/8)	Ø9.53(3/8)	Ø9.53(3/8)	Ø9.53(3/8)
	Gas pipe	mm(inch)	Ø15.9(5/8)	Ø15.9(5/8)	Ø15.9(5/8)	Ø15.9(5/8)	Ø19.1(3/4)	Ø19.1(3/4)
Air flow rate		m3/h	3750	4000	5000	5100	5000	5300
Sound pressure level		dB(A)	54	54	56	56	56	57
Net Dimensions (WxHxD)		mm	910x712x345	910x712x345	950x840x360	950x840x360	950x840x360	1040x865x410
Packing size (WxHxD)		mm	1045x800x485	1045x800x485	1025x1020x510	1025x1020x510	1025x1020x510	1120x1060x560
Net weight		kg	49	52.5	62.5	75	77.5	91
Gross weight		kg	53	56.5	69.5	82	84.5	99.5
Operating temperature range		°C	Cooling: -15-55, Heating: -15-27					
PRICE			1892	2318	3004	3186	3712	3978
MI CARE CREDIT			100	100	100	100	100	100

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.
* SEER / SCOP figures can vary depending on indoor to outdoor combinations.

DATA IS SUBJECT TO CHANGE, SCAN THE QR CODE FOR MOST RECENT PRODUCT INFORMATION

MINI VRF FULL DC INVERTER (3 Phase)

MODEL			MVi-200WV2RN1(A)	MVi-224WV2RN1(A)	MVi-260WV2RN1(A)	MVi-280WV2RN1(A)
HP			7	8	9	10
Power supply		V-Ph-Hz	380-415V, 3Ph, 50Hz			
Recommended Fuse Size		A	25	25	25	25
Cooling	Capacity	kW	20	22.4	26	28
Heating	Capacity	kW	22.5	25	28.5	31.5
Seasonal Efficiency	SEER*	W/W	7.11	6.83	6.55	6.35
	SCOP*	W/W	3.95	4.26	4.53	4.56
Connectable Range	Total capacity		50-130% of outdoor			
	Connectable Indoors		10	13	15	16
Compressor	Type		DC Inverter			
	Quantity		1	1	1	1
Fan motor	Type		DC Motor			
	Quantity		2	2	2	2
Refrigerant	Type		R410A			
	GWP		2088			
	Factory charging	kg	6.5	6.5	6.5	6.5
Pipe connections	Liquid pipe	mm(inch)	Ø9.53(3/8)	Ø9.53(3/8)	Ø9.53(3/8)	Ø9.53(3/8)
	Gas pipe	mm(inch)	Ø19.1(3/4)	Ø19.1(3/4)	Ø22.2(7/8)	Ø22.2(7/8)
Air flow rate		m3/h	9000	9000	10000	11000
Sound pressure level		dB(A)	58	58	59	60
Net Dimensions (WxHxD)		mm	1120×1558×528	1120×1558×528	1120×1558×528	1120×1558×528
Packing size (WxHxD)		mm	1270×1720×565	1270×1720×565	1270×1720×565	1270×1720×565
Net weight		kg	143	143	144	144
Gross weight		kg	159	159	160	160
Operating temperature range		°C	Cooling: -5-48; Heating: -20-24			
PRICE			4522	5082	5148	6418
MI CARE CREDIT			100	100	100	100

MODEL			MVi-335WV2RN1(A)	MVi-400WV2RN1(A)	MVi-450WV2RN1(A)	MVi-500WV2RN1(A)	MVi-560WV2RN1(A)	MVi-615WV2RN1(A)
HP			12	14	16	18	20	22
Power supply		V-Ph-Hz	380-415V, 3Ph, 50Hz					
Recommended Fuse Size		A	32	32	40	40	50	50
Cooling	Capacity	kW	33.5	40	45	50	56	61.5
Heating	Capacity	kW	37.5	45	50	56.5	63	69
Seasonal Efficiency	SEER*	W/W	6.42	6.23	6.15	6.08	5.95	5.8
	SCOP*	W/W	3.96	4	4.1	4.15	4.07	4
Connectable Range	Total capacity		50-130% of outdoor unit capacity					
	Connectable Indoors		19	23	26	29	33	36
Compressor	Type		DC inverter					
	Quantity		1	1	1	1	1	1
Fan motor	Type		DC Motor					
	Quantity		2	2	2	2	2	2
Refrigerant	Type		R410A					
	GWP		2088					
	Factory charging	kg	8	7.4	8	8	8.5	8.5
Pipe connections	Liquid pipe	mm(inch)	Ø12.7(1/2)	Ø12.7(1/2)	Ø15.9(5/8)	Ø15.9(5/8)	Ø15.9(5/8)	Ø15.9(5/8)
	Gas pipe	mm(inch)	Ø28.6(1 1/8)	Ø28.6(1 1/8)	Ø28.6(1 1/8)	Ø28.6(1 1/8)	Ø28.6(1 1/8)	Ø28.6(1 1/8)
Air flow rate		m3/h	11300	12500	18500	20000	18500	19000
Sound pressure level		dB(A)	61	59	60	61	61	62
Net Dimensions (WxHxD)		mm	1120×1558×528	1130×1760×580	1250×1760×580	1250×1760×580	1250×1760×580	1250×1760×580
Packing size (WxHxD)		mm	1270×1720×565	1210×1916×597	1330×1916×597	1330×1916×597	1330×1916×597	1330×1916×597
Net weight		kg	157	187	214	214	234	234
Gross weight		kg	173	201	229	229	249	249
Operating temperature range		°C	Cooling: -5-48; Heating: -20-24	Cooling: -15-55; Heating: -30-30				
PRICE			6956	8356	9310	10742	11782	12706
MI CARE CREDIT			100	100	150	150	150	150

VRF V8 HEAT PUMP SERIES



WIDE APPLICATION RANGE

Starting at 8HP, capacity increases in 2HP increments up to 32HP, which is the world's largest single VRF unit capacity.

WIDE OPERATION RANGE

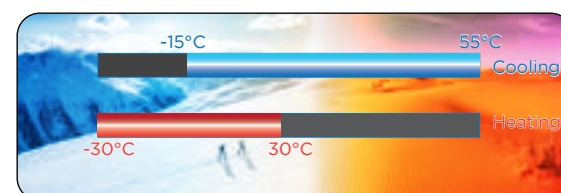
The V8 Heat Pump VRF can operate stably in a wide ambient temperature range from -15°C to 55°C in cooling mode and from -30°C to 30°C in heating mode.

LONG PIPING CAPABILITY

The V8 system can support a total piping length of up to 1100m, an installation height difference of up to 110m between indoor and outdoor units, and up to 40m between indoor units, making the V8 adaptable to a wide range of building designs.

- Total piping length; 1100m
- Longest piping length - actual (equivalent): 175m (200m)
- Longest piping length after first branch: 40/120*m
- Level difference between IDUs and ODU - ODU above (below): 110m(110m)
- Level difference between IDUs: 40m

*The longest length after the first branch is 40m as standard but can be extended to up to 120m under certain conditions. Please contact us for further information.



Wide Capacity Range



Long Piping Capability



V8 225-450 model



V8 500-670 model



V8 730-900 model



HIGH RELIABILITY

SUPERSENSE

Up to 19 sensors are distributed throughout the refrigerant system which can determine the status of the refrigerant ensuring stable operation and high reliability. At the same time combined with digital twin technology of the refrigerant system, a virtual sensor can be created in the event of a physical sensor failure, so the system does not shut down, ensuring comfort.

SHIELDBOX

Fully sealed electric control box provides all-round protection for internal electronic components, greatly improving system reliability.

AUTO DUST CLEAN FUNCTION

The innovatively designed dust-clean function enables the outdoor unit to prevent the dust itself.

EASY INSTALLATION AND SERVICE

The static pressure of the outdoor unit can be up to 80 Pa which facilitates installation of the unit on each floor of high-rise buildings or on balconies.

AUTO ADDRESSING

Outdoor units can distribute addresses to indoor units automatically. Remote and wired controllers can be used to query or modify each indoor unit's address.

ENERGY SAVING

LOW STANDBY POWER CONSUMPTION

Compared to the standby power consumption of traditional VRF of approximately 30kW, the V8 system uses optimised control scheme to further reduce standby power consumption to as low as 3.5kW.

MIDEA EVAPORATING TEMPERATURE ALTERATION (META)

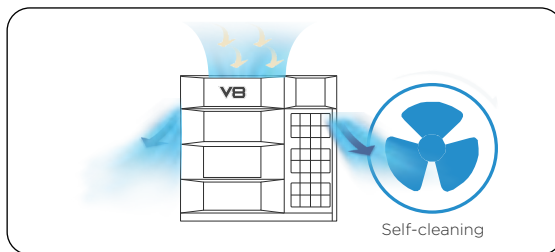
Built-in professional operation and maintenance algorithm, so that the annual operation energy efficiency of each set of systems is increased by more than 28%

V8 SuperSense

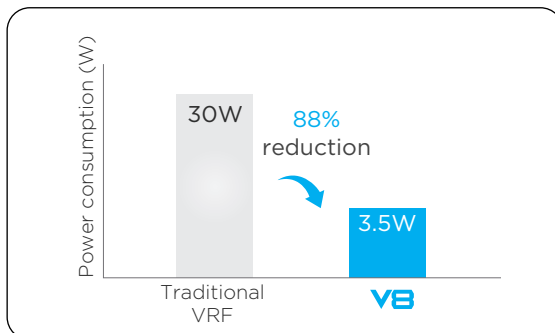
A Non-stop VRF to survive in all conditions

V8 ShieldBox

A Non-stop VRF to survive in all conditions



Auto Dust Cleaning Function



Energy Saving

BENEFITS OF MIDEA VRF

FOR END-USERS

Healthy Operation

Cost Saving Operation

Comfortable Environment



FOR CONSULTANTS

Diversified Solutions

Professional Tool and Support

Design Flexibility
Comfortable Environment



FOR BUILDING OWNERS

Energy Saving Management

Reliable Operation

Backup Solution



FOR CONSTRUCTION COMPANIES

Green Solutions

Space Saving Design

Intelligent Management



INNOVATIVE TECHNOLOGIES

ShieldBox  New & Unique

SuperSense  New & Unique



VRF V8 HEAT PUMP SERIES



MODEL			MV8I-252WV2RNIE (PRO)	MV8I-280WV2RNIE (PRO)	MV8I- 335WV2RNIE (PRO)	MV8I-400WV2RNIE (PRO)	MV8I-450WV2RNIE (PRO)
HP			8	10	12	14	16
Power supply		V-Ph-Hz	380-415V, 3Ph, 50Hz				
Recommended Fuse Size		A	20	25	32	32	40
Cooling	Capacity	kW	25.2	28	33.5	40	45
	Capacity	kW	27	31.5	37.5	45	50
Seasonal Efficiency	SEER*	W/W	7.33	7.25	7.19	7.28	6.83
	SCOP*	W/W	4.33	4.27	4.29	4.37	4.27
Connectable Range	Total capacity		50-130% of outdoor unit capacity				
	Connectable Indoors		13	16	19	23	26
Compressor	Type		DC inverter	DC inverter	DC inverter	DC inverter	DC inverter
	Quantity		1	1	1	1	1
Fan motor	Type		DC Motor	DC Motor	DC Motor	DC Motor	DC Motor
	Quantity		1	1	1	1	1
	Static pressure	Pa	0,20,40,60,80(Selectable)				
Refrigerant	Type		R410A				
	GWP		2088				
	Factory charging	kg	7	7	7	8.4	8.4
Pipe connections	Liquid pipe	mm(inch)	Ø12.7 (1/2)	Ø12.7 (1/2)	Ø12.7 (1/2)	Ø15.9 (5/8)	Ø15.9 (5/8)
	Gas pipe	mm(inch)	Ø28.6 (1 1/8)	Ø28.6 (1 1/8)	Ø28.6 (1 1/8)	Ø28.6 (1 1/8)	Ø28.6 (1 1/8)
Air flow rate		m3/h	12600	12600	13500	15600	15600
Sound pressure level		dB(A)	58	58	61	65	65
Net Dimensions (WxHxD)		mm	940×1760×825	940×1760×825	940×1760×825	940×1760×825	940×1760×825
Packing size (WxHxD)		mm	1010×1945×890	1010×1945×890	1010×1945×890	1010×1945×890	1010×1945×890
Net weight		kg	195	195	195	215	215
Gross weight		kg	213	213	213	232	232
Operating temperature range		°C	Cooling: -15-55, Heating: -30-30				
PRICE			8025	8542	10358	12212	13588
MI CARE CREDIT			100	100	100	100	150

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.

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

Pipe sizes can vary depending on actual connected capacity - a schematic can be provided for installation to provide job specific requirements.

* SEER / SCOP figures can vary depending on indoor to outdoor combinations.

DATA IS SUBJECT TO CHANGE, SCAN THE QR CODE FOR MOST RECENT PRODUCT INFORMATION

VRF V8 HEAT PUMP SERIES



MODEL			MV8i-500WV2RNIE(PRO)	MV8i-560WV2RNIE(PRO)	MV8i-615WV2RNIE(PRO)	MV8i-670WV2RNIE(PRO)
HP			18	20	22	24
Power supply		V-Ph-Hz	380-415V, 3Ph, 50Hz			
Recommended Fuse Size		A	40	50	50	63
Cooling	Capacity	kW	50	56	61.5	67
Heating	Capacity	kW	56	63	69	75
Seasonal Efficiency	SEER*	W/W	7.03	6.63	6.63	6.14
	SCOP*	W/W	4.25	4.2	4.35	4.28
Connectable Range	Total capacity		50-130% of outdoor unit capacity			
	Connectable Indoors		29	33	36	39
Compressor	Type		DC inverter	DC inverter	DC inverter	DC inverter
	Quantity		2	2	2	2
Fan motor	Type		DC Motor	DC Motor	DC Motor	DC Motor
	Quantity		2	2	2	2
	Static pressure	Pa	0,20,40,60,80(Selectable)			
Refrigerant	Type		R410A			
	GWP		2088			
	Factory charging	kg	9.3	9.3	11.96	11.96
Pipe connections	Liquid pipe	mm(inch)	Ø15.9 (5/8)	Ø15.9 (5/8)	Ø15.9 (5/8)	Ø15.9 (5/8)
	Gas pipe	mm(inch)	Ø28.6 (1 1/8)	Ø28.6 (1 1/8)	Ø28.6 (1 1/8)	Ø28.6 (1 1/8)
Air flow rate		m3/h	22000	22000	21500	21500
Sound pressure level		dB(A)	65	66	66	67
Net Dimensions (WxHxD)		mm	1340×1760×825	1340×1760×825	1340×1760×825	1340×1760×825
Packing size (WxHxD)		mm	1410×1945×890	1410×1945×890	1410×1945×890	1410×1945×890
Net weight		kg	295	295	315	315
Gross weight		kg	315	315	335	335
Operating temperature range		°C	Cooling: -15-55, Heating: -30-30			
PRICE			14462	16194	17726	19062
MI CARE CREDIT			150	150	150	150

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.
Sound Pressure is measured 1.0m below the air-outlet at Nominal Conditions.
Pipe sizes can vary depending on actual connected capacity - a schematic can be provided for installation to provide job specific requirements.
* SEER / SCOP figures can vary depending on indoor to outdoor combinations.

DATA IS SUBJECT TO CHANGE, SCAN THE QR CODE FOR MOST RECENT PRODUCT INFORMATION

VRF V8 HEAT PUMP SERIES



MODEL			MV8i-730WV2RNIE(PRO)	MV8i-785WV2RNIE(PRO)	MV8i-850WV2RNIE(PRO)	MV8i-900WV2RNIE(PRO)
HP			26	28	30	32
Power supply		V-Ph-Hz	380-415V, 3Ph, 50Hz			
Recommended Fuse Size		A	63	63	80	80
Cooling	Capacity	kW	73	78.5	85	90
Heating	Capacity	kW	81.5	87.5	95	100
Seasonal Efficiency	SEER*	W/W	5.69	6.02	5.93	5.78
	SCOP*	W/W	4.27	4.28	4.2	4.2
Connectable Range	Total capacity		50-130% of outdoor unit capacity			
	Connectable Indoors		43	46	50	53
Compressor	Type		DC inverter	DC inverter	DC inverter	DC inverter
	Quantity		2	2	2	2
Fan motor	Type		DC Motor	DC Motor	DC Motor	DC Motor
	Quantity		2	2	2	2
	Static pressure	Pa	0,20,40,60,80(Selectable)			
Refrigerant	Type		R410A			
	GWP		2088			
	Factory charging	kg	11.96	11.96	11.96	11.96
Pipe connections	Liquid pipe	mm(inch)	Ø22.2 (7/8)	Ø22.2 (7/8)	Ø22.2 (7/8)	Ø22.2 (7/8)
	Gas pipe	mm(inch)	Ø34.9 (1 3/8)	Ø34.9 (1 3/8)	Ø34.9 (1 3/8)	Ø34.9 (1 3/8)
Air flow rate		m3/h	29000	28000	28000	28000
Sound pressure level		dB(A)	68	68	68	68
Net Dimensions (WxHxD)		mm	1880×1760×825	1880×1760×825	1880×1760×825	1880×1760×825
Packing size (WxHxD)		mm	1935×1945×890	1935×1945×890	1935×1945×890	1935×1945×890
Net weight		kg	366	396	396	396
Gross weight		kg	396	426	426	426
Operating temperature range		°C	Cooling: -15-55, Heating: -30-30			
PRICE			20988	23412	24820	26018
MI CARE CREDIT			150	150	150	150

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.
Sound Pressure is measured 1.0m below the air-outlet at Nominal Conditions.
Pipe sizes can vary depending on actual connected capacity - a schematic can be provided for installation to provide job specific requirements.
* SEER / SCOP figures can vary depending on indoor to outdoor combinations.

DATA IS SUBJECT TO CHANGE, SCAN THE QR CODE FOR MOST RECENT PRODUCT INFORMATION

V6R HEAT RECOVERY



Did you know?
You can scan me to
download a product
sales leaflet.



INDUSTRY'S FIRST 3 PIPE HEAT RECOVERY VRF WITH ZONAL LEAK DETECTION

- Only isolates the MS zone that detects a refrigerant leak.
- Isolation reduces the risk of system refrigerant loss whilst limiting any potential risk to room occupants.
- Non effected zones will continue to operate safely.
- Dry contacts to 3rd party controls can activate alarms and enable ventilation extract fans.
- Time required to repair the cause of leak is significantly reduced.

WIDE CAPACITY RANGE

Single module from 8HP to 18HP.
Double module from 16HP to 36HP.
Triple module from 24HP to 54HP.

FLEXIBLE AND EASY TO INSTALL

Each outdoor unit is lightweight with long piping lengths of up to a total of 1000m, improved height difference of 110m between outdoor and indoor levels and up to 30m height difference between indoor units.

FRESH AIR SUPPLY

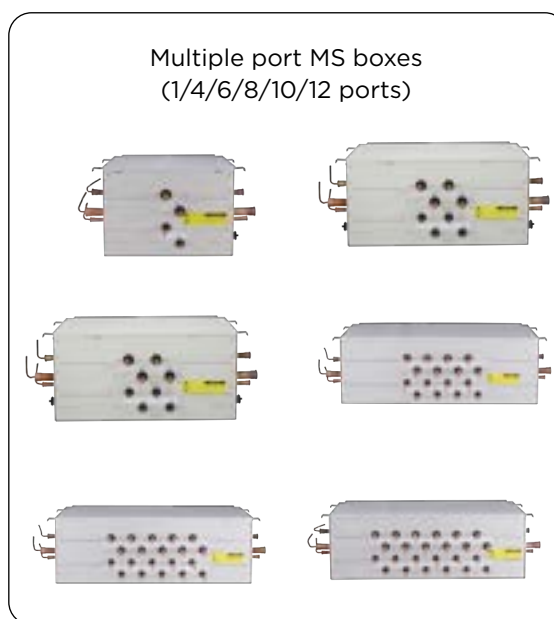
Offering a wide operating range in cooling mode, heating mode and simultaneous cooling and heating mode the V6R can also be connected to a fresh air unit or HRV to supply continuous fresh air.

MULTIPLE PORT MS BOXES

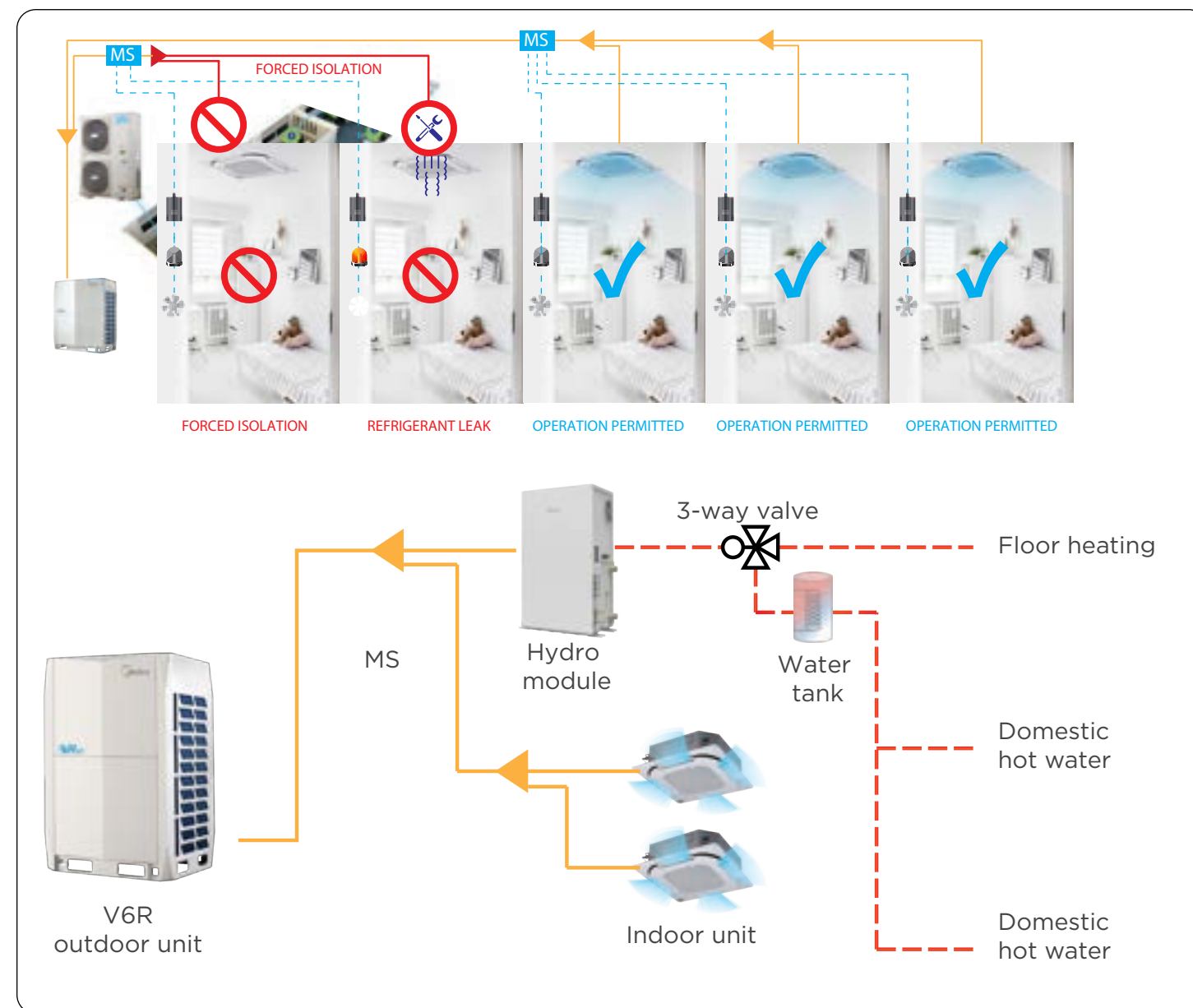
Combined with the intelligent MS Box which adds further flexibility by offering multiple port options of 4,6,8,10 or 12 and up to 5 indoor units connected to one port - the V6R can meet any design brief or site restrictions.

DOMESTIC HOT WATER AND UNDERFLOOR HEATING

The V6R range is a multipurpose solution and can achieve space cooling/heating and domestic hot water (25°C to 80°C) simultaneously, by connecting to a Midea high temperature hydro module. The hot water can be used for domestic hot water and underfloor heating, improving room comfort.



Up to 60 indoors from one single MS12 box



V6R HEAT RECOVERY VRF



V6R HEAT RECOVERY VRF



MODEL			MV6-R252WV2RN1	MV6-R280WV2RN1	MV6-R335WV2RN1
HP			8	10	12
Power supply		V-Ph-Hz	380-415V, 3Ph, 50Hz		
Recommended Fuse Size		A	20	25	25
Cooling	Capacity	kW	22.4	28	33.5
Heating	Capacity	kW	25	31.5	37.5
Seasonal Efficiency	SEER**	W/W	7.26	6.6	6.8
	SCOP**	W/W	4.29	4.39	4.59
Connectable Range	Total capacity		50-200% of outdoor unit capacity*		
	Connectable Indoors		64		
Compressor	Type		DC inverter		
	Quantity		1		
Fan motor	Type		DC motor		
	Quantity		1		
	Static pressure	Pa	0,20,40,60,80(Selectable)		
Refrigerant	Type		R410A		
	GWP		2088		
	Factory charging	kg	8	8	8
Pipe connections	Liquid pipe	mm(inch)	Ø12.7(1/2)	Ø12.7(1/2)	Ø12.7(1/2)
	Low pressure gas pipe	mm(inch)	Ø28.6(1 1/8)	Ø28.6(1 1/8)	Ø28.6(1 1/8)
	High pressure gas pipe	mm(inch)	Ø19.1(3/4)	Ø19.1(3/4)	Ø19.1(3/4)
Air flow rate		m³/h	9000	9500	10000
Sound pressure level		dB(A)	58	61	62
Net Dimensions (WxHxD)		mm	990x1635x790		
Packing size (WxHxD)		mm	1090x1805x860		
Net weight		kg	232	232	232
Gross weight		kg	248	248	248
Operating temperature range		°C	Cooling: -15-52; Heating: -25-19; Simultaneous Cooling / Heating: -5-27 / -5-19		
Domestic hot water		°C	-20 - 43		
PRICE			8714	9690	11954
MI CARE CREDIT			100	100	100

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.
Sound Pressure is measured 1.0m below the air-outlet at Nominal Conditions.
Pipe sizes can vary depending on actual connected capacity - a schematic can be provided for installation to provide job specific requirements.
*RESTRICTIONS APPLY - See technical manual for full details.
**SEER / SCOP figures can vary depending on indoor to outdoor combinations.

DATA IS SUBJECT TO CHANGE, SCAN THE QR CODE FOR MOST RECENT PRODUCT INFORMATION

V6R HEAT RECOVERY VRF



MODEL			MV6-R400WV2RN1	MV6-R450WV2RN1	MV6-R500WV2RN1
HP			14	16	18
Power supply		V-Ph-Hz	380-415V, 3Ph, 50Hz		
Recommended Fuse Size		A	32	40	40
Cooling	Capacity	kW	40	45	50
Heating	Capacity	kW	45	50	56
Seasonal Efficiency	SEER**	W/W	6.65	6.44	6.22
	SCOP**	W/W	4.27	4.33	4.35
Connectable Range	Total capacity		50-200% of outdoor unit capacity*		
	Connectable Indoors		64		
Compressor	Type		DC inverter		
	Quantity		1		
Fan motor	Type		DC motor		
	Quantity		2		
	Static pressure	Pa	0,20,40,60,80(Selectable)		
Refrigerant	Type		R410A		
	GWP		2088		
	Factory charging	kg	10	10	10
Pipe connections	Liquid pipe	mm(inch)	Ø15.9(5/8)	Ø15.9(5/8)	Ø15.9(5/8)
	Low pressure gas pipe	mm(inch)	Ø28.6(1 1/8)	Ø28.6(1 1/8)	Ø28.6(1 1/8)
	High pressure gas pipe	mm(inch)	Ø22.2(7/8)	Ø22.2(7/8)	Ø22.2(7/8)
Air flow rate		m3/h	14000	14900	15800
Sound pressure level		dB(A)	63	64	65
Net Dimensions (WxHxD)		mm	1340x1635x825		
Packing size (WxHxD)		mm	1405x1805x910		
Net weight		kg	300	300	300
Gross weight		kg	325	325	325
Operating temperature range		°C	Cooling: -15-52; Heating: -25-19; Simultaneous Cooling / Heating: -5-27 / -5-19		
Domestic hot water		°C	-20 - 43		
PRICE			13242	14478	16300
MI CARE CREDIT			100	150	150

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.
Sound Pressure is measured 1.0m below the air-outlet at Nominal Conditions.
Pipe sizes can vary depending on actual connected capacity - a schematic can be provided for installation to provide job specific requirements.
*RESTRICTIONS APPLY - See technical manual for full details.
**SEER / SCOP figures can vary depending on indoor to outdoor combinations.

DATA IS SUBJECT TO CHANGE, SCAN THE QR CODE FOR MOST RECENT PRODUCT INFORMATION

V6R HEAT RECOVERY VRF



MODEL			MV6-R560WV2RN1	MV6-R615WV2RN1	MV6-R680WV2RN1	MV6-R735WV2RN1	MV6-R785WV2RN1	MV6-R835WV2RN1
HP			20	22	24	26	28	30
COMBINATION			10HP+10HP	10HP+12HP	10HP+14HP	12HP+14HP	12HP+16HP	12HP+18HP
Power supply		V-Ph-Hz	380-415/3/50					
Recommended Fuse Size		A	25+25	25+25	25+32	25+32	25+40	25+40
Cooling	Capacity	kW	56	61.5	68	73.5	78.5	83.5
Heating	Capacity	kW	63	69	76.5	82.5	87.5	93.5
Seasonal Efficiency	SEER**	W/W	6.57	6.68	6.6	6.69	6.58	6.43
	SCOP**	W/W	4.39	4.49	4.32	4.4	4.43	4.44
Connectable Range	Total capacity		50-200%*of outdoor unit capacity*					
	Connectable Indoors		64					
Compressor	Type		DC inverter					
	Quantity		2					
Fan motor	Type		DC motor					
	Quantity		2	3				
	Static pressure	Pa	0,20,40,60,80(Selectable)					
Refrigerant	Type		R410A					
	GWP		2088					
	Factory charging	kg	16	16	18	18	18	18
Pipe connections	Liquid pipe	mm(inch)	Ø15.9(5/8)	Ø15.9(5/8)	Ø15.9(5/8)	Ø19.1(3/4)	Ø19.1(3/4)	Ø19.1(3/4)
	Low pressure gas pipe	mm(inch)	Ø28.6(1 1/8)	Ø28.6(1 1/8)	Ø34.9 (1 3/8)	Ø34.9 (1 3/8)	Ø34.9 (1 3/8)	Ø34.9 (1 3/8)
	High pressure gas pipe	mm(inch)	Ø28.6(1 1/8)	Ø28.6(1 1/8)	Ø28.6(1 1/8)	Ø28.6(1 1/8)	Ø28.6(1 1/8)	Ø28.6(1 1/8)
Air flow rate		m3/h	19000	19500	23500	24000	24900	25800
Sound pressure level		dB(A)	61	62	63	64	65	66
Net Dimensions (WxHxD)		mm	(990x1635x790)x2		990x1635x790+1340x1635x825			
Packing size (WxHxD)		mm	(1090x1805x860)x2		1090x1805x860+1405x1805x910			
Net weight		kg	232x2	232x2	232+300	232+300	232+300	232+300
Gross weight		kg	248x2	248x2	248+325	248+325	248+325	248+325
Operating temperature range		°C	Cooling: -15-52; Heating: -25-19; Simultaneous Cooling / Heating: -5-27 / -5-19					
Domestic hot water		°C	-20 - 43					
PRICE			19380	21644	22932	25196	26432	28254
MI CARE CREDIT			150	150	150	150	150	150

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.
Sound Pressure is measured 1.0m below the air-outlet at Nominal Conditions.
Pipe sizes can vary depending on actual connected capacity - a schematic can be provided for installation to provide job specific requirements.
*RESTRICTIONS APPLY - See technical manual for full details.
**SEER / SCOP figures can vary depending on indoor to outdoor combinations.

DATA IS SUBJECT TO CHANGE, SCAN THE QR CODE FOR MOST RECENT PRODUCT INFORMATION

V6R HEAT RECOVERY VRF



MODEL			MV6-R900WV2RN1	MV6-R950WV2RN1	MV6-R1000WV2RN1	MV6-R1070WV2RN1	MV6-R1120WV2RN1	MV6-R1185WV2RN1
HP			32	34	36	38	40	42
COMBINATION			16HP+16HP	16HP+18HP	18HP+18HP	12HP+12HP+14HP	12HP+12HP+16HP	12HP+14HP+16HP
Power supply		V-Ph-Hz	380-415V, 3Ph, 50Hz					
Recommended Fuse Size		A	40+40	40+40	40+40	25+25+32	25+25+40	25+32+40
Cooling	Capacity	kW	90	95	100	107	112	118.5
Heating	Capacity	kW	100	106	112	120	125	132.5
Seasonal Efficiency	SEER**	W/W	6.42	6.3	6.2	6.71	6.62	6.58
	SCOP**	W/W	4.33	4.33	4.35	4.45	4.47	4.37
Connectable Range	Total capacity		50-200% of outdoor unit capacity*					
	Connectable Indoors		64					
Compressor	Type		DC inverter					
	Quantity		2			3		
Fan motor	Type		DC motor					
	Quantity		3					
	Static pressure	Pa	0,20,40,60,80(Selectable)					
Refrigerant	Type		R410A					
	GWP		2088					
	Factory charging	kg	20	20	20	26	26	28
Pipe connections	Liquid pipe	mm(inch)	Ø19.1(3/4)	Ø19.1(3/4)	Ø19.1(3/4)	Ø19.1(3/4)	Ø19.1(3/4)	Ø19.1(3/4)
	Low pressure gas pipe	mm(inch)	Ø34.9 (1 3/8)	Ø34.9 (1 3/8)	Ø34.9 (1 3/8)	Ø41.3 (1 5/8)	Ø41.3 (1 5/8)	Ø41.3 (1 5/8)
	High pressure gas pipe	mm(inch)	Ø28.6(1 1/8)	Ø28.6(1 1/8)	Ø28.6(1 1/8)	Ø34.9 (1 3/8)	Ø34.9 (1 3/8)	Ø34.9 (1 3/8)
Air flow rate		m3/h	29800	30700	31600	34000	34900	38900
Sound pressure level		dB(A)	67	68	68	65	67	67
Net Dimensions (WxHxD)		mm	(1340x1635x825)x2			(990x1635x790)x2+1340x1635x825		990x1635x790+(1340x1635x825)x2
Packing size (WxHxD)		mm	(1405x1805x910)x2			(1090x1805x860)x2+1405x1805x910		1090x1805x860+(1405x1805x910)x2
Net weight		kg	300x2	300x2	300x2	232x2+300	232x2+300	232+300x2
Gross weight		kg	325x2	325x2	325x2	248x2+325	248x2+325	248+325x2
Operating temperature range		°C	Cooling: -15-52; Heating: -25-19; Simultaneous Cooling / Heating: -5-27 / -5-19					
Domestic hot water		°C	-20 - 43					
PRICE			28956	30778	32600	37150	38386	39674
MI CARE CREDIT			150	150	150	150	150	150

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.
Sound Pressure is measured 1.0m below the air-outlet at Nominal Conditions.
Pipe sizes can vary depending on actual connected capacity - a schematic can be provided for installation to provide job specific requirements.
*RESTRICTIONS APPLY - See technical manual for full details.
**SEER / SCOP figures can vary depending on indoor to outdoor combinations.

DATA IS SUBJECT TO CHANGE, SCAN THE QR CODE FOR MOST RECENT PRODUCT INFORMATION

V6R HEAT RECOVERY VRF



MODEL			MV6-R1235WV2RN1	MV6-R1300WV2RN1	MV6-R1350WV2RN1	MV6-R1400WV2RN1	MV6-R1450WV2RN1	MV6-R1500WV2RN1
HP			44	46	48	50	52	54
COMBINATION			12HP+16HP+16HP	14HP+16HP+16HP	16HP+16HP+16HP	16HP+16HP+18HP	16HP+18HP+18HP	18HP+18HP+18HP
Power supply		V-Ph-Hz	380-415V, 3Ph, 50Hz					
Recommended Fuse Size		A	25+40+40	32+40+40	40+40+40	40+40+40	40+40+40	40+40+40
Cooling	Capacity	kW	123.5	130	135	140	145	150
Heating	Capacity	kW	137.5	145	150	156	162	168
Seasonal Efficiency	SEER**	W/W	6.52	6.47	6.42	6.34	6.27	6.2
	SCOP**	W/W	4.39	4.31	4.33	4.33	4.35	4.35
Connectable Range	Total capacity		50-200% of outdoor unit capacity*					
	Connectable Indoors		64					
Compressor	Type		DC inverter					
	Quantity		3					
Fan motor	Type		DC motor					
	Quantity		5	6				
	Static pressure	Pa	0,20,40,60,80(Selectable)					
Refrigerant	Type		R410A					
	GWP		2088					
	Factory charging	kg	28	30	30	30	30	30
Pipe connections	Liquid pipe	mm(inch)	Ø19.1(3/4)	Ø19.1(3/4)	Ø19.1(3/4)	Ø19.1(3/4)	Ø19.1(3/4)	Ø19.1(3/4)
	Low pressure gas pipe	mm(inch)	Ø41.3 (1 5/8)	Ø41.3 (1 5/8)	Ø41.3 (1 5/8)	Ø41.3 (1 5/8)	Ø41.3 (1 5/8)	Ø41.3 (1 5/8)
	High pressure gas pipe	mm(inch)	Ø34.9 (1 3/8)	Ø34.9 (1 3/8)	Ø34.9 (1 3/8)	Ø34.9 (1 3/8)	Ø34.9 (1 3/8)	Ø34.9 (1 3/8)
Air flow rate		m3/h	39800	43800	44700	45600	46500	47400
Sound pressure level		dB(A)	68	68	69	69	69	70
Net Dimensions (WxHxD)		mm	990x1635x790+(1340x1635x825)x2		(1340x1635x825)x3			
Packing size (WxHxD)		mm	1090x1805x860+(1405x1805x910)x2		(1405x1805x910)x3			
Net weight		kg	232+300x2	300x3	300x3	300x3	300x3	300x3
Gross weight		kg	248+325x2	325x3	325x3	325x3	325x3	325x3
Operating temperature range		°C	Cooling: -15-52; Heating: -25-19; Simultaneous Cooling / Heating: -5-27 / -5-19					
Domestic hot water		°C	-20 - 43					
PRICE			40910	42198	43434	45256	47078	48900
MI CARE CREDIT			150	150	150	150	150	150

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.
Sound Pressure is measured 1.0m below the air-outlet at Nominal Conditions.
Pipe sizes can vary depending on actual connected capacity - a schematic can be provided for installation to provide job specific requirements.
*RESTRICTIONS APPLY - See technical manual for full details.
**SEER / SCOP figures can vary depending on indoor to outdoor combinations.

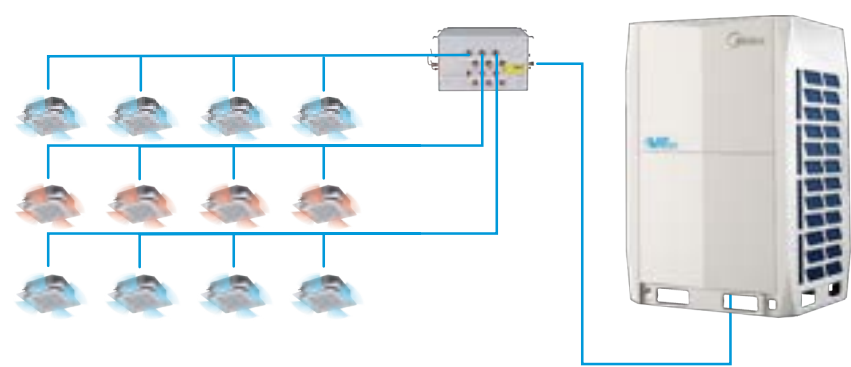
DATA IS SUBJECT TO CHANGE, SCAN THE QR CODE FOR MOST RECENT PRODUCT INFORMATION

VRF MODE SWITCH (MS) BOX



- INNOVATIVE MODE SWITCH (MS) BOX**
Simultaneous cooling and heating achieved for new designed MS (Mode Switch) box.
- Low noise operation for precise control of multiple solenoid valves.
 - Max. 24 indoor units connect to a MS box.
 - Max. 56kW indoor units connect to a MS box.

Indoor units connected to a same MS can realise simultaneous cooling and heating operation.



VRF MODE SWITCH (MS) BOX

MODEL				MS01/N1-D1	MS04/N1-D	MS06/N1-D	MS08/N1-D	MS10/N1-D	MS12/N1-D
Power Supply		V-Hz-Ph		220-240V,1Ph,50Hz					
Recommended Fuse Size		A		5	5	5	5	5	5
Max. number of indoor unit groups				1	4	6	8	10	12
Max. number of units per group				8	5	5	5	5	5
Max. number of downstream indoor units				8	20	30	40	47	47
Max. capacity of each group of indoor units		kW		32	16	16	16	16	16
Max. total capacity of all downstream indoor units		kW		32	49	63	85	85	85
Piping Connections	Connected to outdoor unit	Liquid Pipe	mm	Ø9.53 / 12.7	Ø9.53 / 12.7 /15.9 / 19.1	Ø9.53 / 12.7 /15.9 / 19.1	Ø12.7 /15.9 / 19.1 / 22.2	Ø12.7 /15.9 / 19.1 / 22.2	Ø12.7 /15.9 / 19.1 / 22.2
		Liquid Pipe	inch	Ø3/8 / 1/2	Ø3/8 / 1/2 / 5/8 / 3/4	Ø3/8 / 1/2 / 5/8 / 3/4	Ø1/2 / 5/8 / 3/4 / 7/8	Ø1/2 / 5/8 / 3/4 / 7/8	Ø1/2 / 5/8 / 3/4 / 7/8
		Low Pressure Gas Pipe	mm	Ø15.9 / 19.1 / 22.2	Ø19.1 / 22.2 / 28.6	Ø19.1 / 22.2 / 28.6	Ø22.2 / 28.6 / 34.9	Ø22.2 / 28.6 / 34.9	Ø22.2 / 28.6 / 34.9
		Low Pressure Gas Pipe	inch	Ø5/8 / 3/4 / 7/8	Ø3/4 / 7/8 / 1 1/8	Ø3/4 / 7/8 / 1 1/8	Ø7/8 / 1 1/8 / 1 3/8	Ø7/8 / 1 1/8 / 1 3/8	Ø7/8 / 1 1/8 / 1 3/8
		High Pressure Gas Pipe	mm	Ø12.7/ 15.9/ 19.1	Ø15.9/19.1/22.2/28.6	Ø15.9/19.1/22.2/28.6	Ø19.1/22.2/28.6	Ø19.1/22.2/28.6	Ø19.1/22.2/28.6
		High Pressure Gas Pipe	inch	Ø1/2 / 5/8 / 3/4	Ø5/8 / 3/4 / 7/8 / 1 1/8	Ø5/8 / 3/4 / 7/8 / 1 1/8	Ø3/4 / 7/8 / 1 1/8	Ø3/4 / 7/8 / 1 1/8	Ø3/4 / 7/8 / 1 1/8
	Connected to indoor unit	Liquid Pipe	mm	Ø6.35/9.53	Ø6.35/9.53	Ø6.35/9.53	Ø6.35/9.53	Ø6.35/9.53	Ø6.35/9.53
		Liquid Pipe	inch	Ø1/4 / 3/8	Ø1/4 / 3/8	Ø1/4 / 3/8	Ø1/4 / 3/8	Ø1/4 / 3/8	Ø1/4 / 3/8
		Gas Pipe	mm	Ø12.7/Ø15.9	Ø12.7/Ø15.9	Ø12.7/Ø15.9	Ø12.7/Ø15.9	Ø12.7/Ø15.9	Ø12.7/Ø15.9
		Gas Pipe	inch	Ø1/2 /5/8	Ø1/2 /5/8	Ø1/2 /5/8	Ø1/2 /5/8	Ø1/2 /5/8	Ø1/2 /5/8
Net Dimensions (WxHxD)		mm	440x195x296	668x250x574	668x250x574	974x250x574	974x250x574	974x250x574	
Packing size (WxHxD)		mm	740x275x405	1020x390x850	1020x390x850	1320x390x850	1320x390x850	1320x390x850	
Net Weight		kg	10.5	33	36	48	51	54	
Gross Weight		kg	14	58	61	79	82	85	
PRICE				874	2324	3260	4204	4902	5540

DATA IS SUBJECT TO CHANGE, SCAN THE QR CODE FOR MOST RECENT PRODUCT INFORMATION

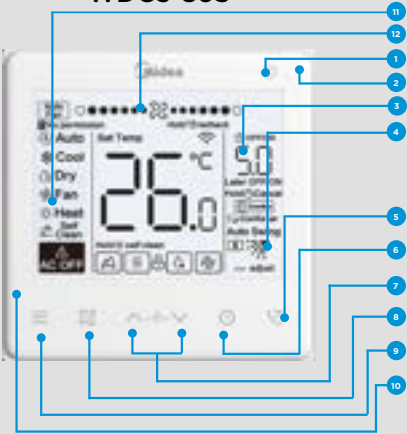
VRF CONTROLLERS



WIDE RANGE OF FUNCTIONS

A user friendly selection of wired controllers, with functions to suit any environmental requirements. Clear LED display screens, 24 hour or weekly timers, auto functions and error reporting are just some of the functions available in the Midea wired controller range.

WDC3-86S



BUTTON	DESCRIPTION
1. ON/OFF	Turns on/off IDU
2. OPERATING INDICATOR	Shows when indoor unit is in use
3. TIMER INDICATOR	Shows Set Timer Info
4. FAN SET POINT	Shows Fan Setting Information
5. FAN DIRECTION	Fan direction setting
6. TIMER	Set Timer
7. ADJUSTMENT	Select options up & down
8. FAN SPEED	Selects fan speed
9. MODE	Selects the running mode
10. REMOTE RECEIVER	Receives the remote controller signal
11. OPERATING MODE	Auto/cool/dry/fan/heat
12. FAN SPEED/SLEEP	Fan Speed Setting/Sleep Mode

WDC3-120T

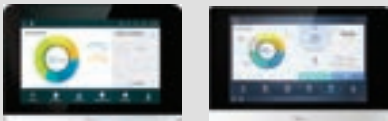


BUTTON	DESCRIPTION
1. ON/OFF	Turns on/off IDU
2. MENU	Enter the menu selection screen
3. INFORMATION	View error codes
4. BACK	Return to the previous menu
5. UP/DOWN	Adjust the temperature and humidity
6. CONFIRMATION	Press "O" to wake up the screen
7. LEFT/RIGHT	Adjust the fan speed

VRF CONTROLLERS

TOUCH SCREEN CENTRALISED CONTROLLERS

The centralised controller is a multi-functional device that can control up to 64 units within a maximum connection length of 1,200m. Users can use group control or individual control to set the temperature independently for each unit.



MODEL	CCM-180A/BWS(A)	CCM-270B/WS(B)
Max. number of indoor units	64	384
Max number of systems	8	48
Mode selection	✓	✓
Temperature setting	✓	✓
7-speed fan control	✓	✓
Outdoor unit Eco mode setting	✓	✓
Schedule management	✓	✓
2 permission levels	✓	✓
Daylight saving time	✓	X
Unit model recognition	✓	✓
Electricity charge distribution	X	✓
Visual schematic	X	✓
Energy management	✓	✓
Group management	✓	✓
Error check function	✓	✓
System parameter querying	✓	X
LAN access	X	✓
Enable & Fault Signal Ports	X	✓
Dimensions (HxWxD)mm	182x123x34	270x183x27
Power Supply	12V DC	24V AC
PRICE	1456	4600



BMS & CLOUD GATEWAYS

BMS Gateways available via LonWorks, ModBUS and BACnet interfaces.

MODEL	DESCRIPTION	MAX INDOORS	PRICE
GW3-LON*	LonWorks Gateway	64	5000
GW3-MOD*	Modbus Gateway	64	5000
GW3-BAC*	BACnet Gateway	64	5000
GW3-CLOUD*	Cloud Controller	64	980

* Model may vary depending on system combinations

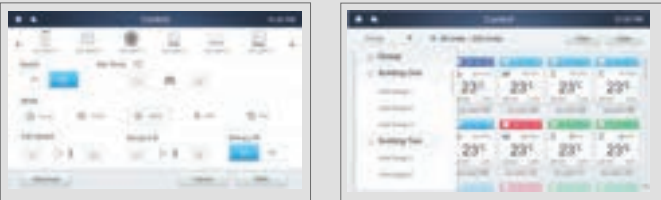
ACCESSORIES

MODEL	DESCRIPTION	PRICE
MCAC-DIAG-B*	Diagnosis Software For V6 Platform Diagnostic software can be used to monitor VRF systems allowing you to access system settings, operation parameters, review logs and diagnose errors.	784
MA3-EK*	XYE extension kit allows you to connect two central controllers simultaneously (For example CCM-180A/ BWS(A) with GW-MOD(A))	366
RTS*	Remote Temperature Sensor Extension (5 Meter)	54

* Model may vary depending on system combinations

TOUCH SCREEN CENTRAL CONTROLLER

The CCM-180A/BWS(A) (6.2") & CCM-270B/WS(B) offers control of up to 384 indoors units simultaneously.



HRV CONTROLLER - WDC3-86S

*HRV C Series only

MODEL	WDC3-86S2
Fan speed control	✓
Max HRV	16*
Mode selection	✓
24 hour timer	✓
Keyboard lock	✓
Background light	✓
Clean filter reminder	✓
Clock display	✓
Address setting	✓
Remote signal receiver	✓
Weekly schedule timer	✓
Delay function	✓
Auto restart	✓
Error reporting	✓
Dimensions (HxWxD)mm	86x86x18
Power Supply	DC 18V
PRICE	186

WIRELESS REMOTE CONTROLLER

A user friendly wireless controller which offers many functions including; 24 hour timer, temperature control, fan speeds, system addressing and 'follow-me' sensitive cooling.



MODEL	RM23A
Mode selection	✓
Temperature setting	✓
7-speed fan control	✓
. Horizontal/ Vertical Louver Control	✓
Eco mode	✓
Louver individual control	✓
Indoor Silent Function Setting	✓
24 hour timer	✓
Sleep Function Setting	✓
Address setting	✓
Parameter Setting	✓
Follow Me function	✓
IDU Display On/Off Setting	✓
Background light	✓
Dimensions (HxWxD)mm	170x48x20
Power Supply	1.5V(LR03/AAA)x2
PRICE	102

* Model may vary depending on system combinations

HARD WIRED CONTROLLERS

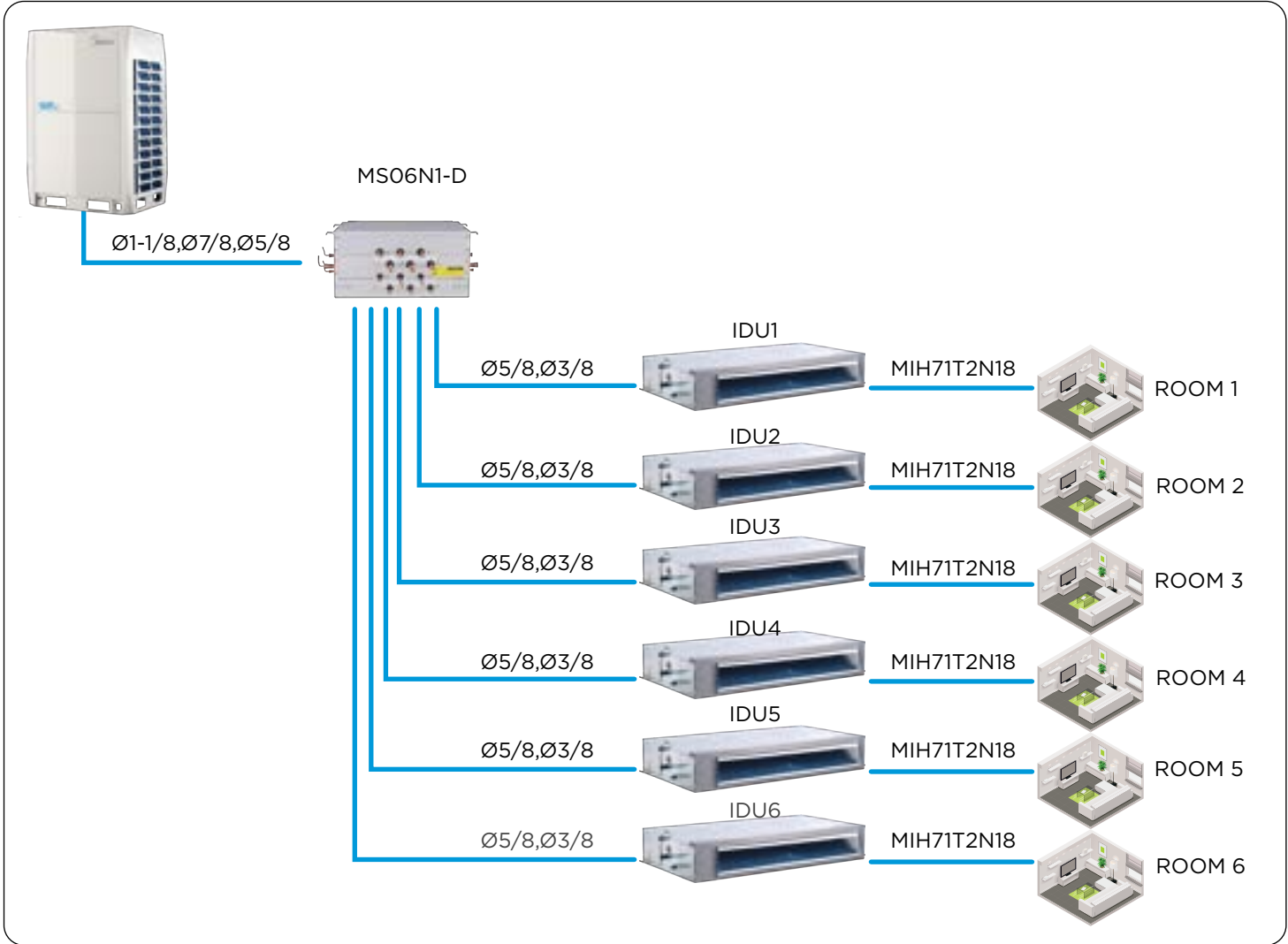


MODEL	WDC3-86S	WDC3-86T	WDC3-120T
Fan speed control	✓	✓	✓
Max Indoors	16*	16*	16*
Mode selection	✓	✓	✓
Auto mode	✓	✓	✓
Eco mode	✓	✓	✓
Wi-Fi Option	X	✓*	✓*
Keyboard lock	✓	✓	✓
Swing function	✓	✓	✓
Background light	✓	✓	✓
24 hour timer	✓	✓	✓
Clock display	✓	✓	✓
Address setting	✓	✓	✓
Remote signal receiver	✓	✓	✓
Clean filter reminder	✓	✓	✓
Follow Me function	✓	✓	✓
Silent mode	✓	✓	✓
One-key 26°C	✓	✓	✓
Indoor temperature display	✓	✓	✓
°F/°C display	✓	✓	✓
Weekly schedule timer	✓	✓	✓
Delay function	✓	✓	✓
Auto restart	✓	✓	✓
Error reporting	✓	✓	✓
Dimensions (HxWxD)mm	86x86x18	86x86x18	120x120x20
Power Supply	DC 18V	DC 18V	DC 18V
PRICE	110	186	186

*V8 Only



VRF SELECTION SOFTWARE
Please ask us about supporting your VRF design with a complete application package. This will include equipment performance data, refrigerant pipework schematic (with material parts list), power requirements and wiring diagrams.



VRF HEAT PUMP BRANCH JOINTS						
MODEL	APPEARANCE	MODEL	PACKED DIMENSIONS mm	NET/ GROSS WEIGHT kg	TWO PIPE REFRIGERANT SYSTEM BRANCH JOINTS	PRICE
BRANCH JOINTS FOR INDOOR UNIT		FQZHN-01D	290x105x100	0.3/0.4	A* < 16.6kW	58
		FQZHN-02D	290x105x100	0.4/0.6	16.6 ≤ A* < 33kW	82
		FQZHN-03D	310x130x125	0.6/0.9	33kW ≤ A* < 66kW	126
		FQZHN-04D	350x180x170	1.1/1.5	66kW ≤ A* < 92kW	188
		FQZHN-05D	365x195x215	1.4/1.9	92kW ≤ A*	216

VRF HEAT RECOVERY BRANCH JOINTS						
MODEL	APPEARANCE	MODEL	PACKED DIMENSIONS mm	NET / GROSS Weight kg	THREE PIPE REFRIGERANT SYSTEM BRANCH JOINTS	PRICE
BRANCH JOINTS FOR OUTDOOR UNITS		FQZHW-02SB1	272x167x232	1.6/2.2	Connecting two outdoor units	290
		FQZHW-03SB1	472x157x312	3.9/5.0	Connecting three outdoor units	520
BRANCH JOINTS FOR INDOOR UNIT		FQZHN-01SB1	257x127x107	0.6/0.8	A* < 16.6kW	82
		FQZHN-02SB1	287x137x107	0.7/0.9	16.6 ≤ A* < 33kW	96
		FQZHN-03SB1	297x167x177	1.1/1.4	33kW ≤ A* < 66kW	142
		FQZHN-04SB1	372x197x187	1.6/2.3	66kW ≤ A* < 92kW	216
		FQZHN-05SB1	432x222x222	2.2/3.3	92kW ≤ A*	316

* A = Total capacity of indoor units connected to this branch joint
DATA IS SUBJECT TO CHANGE, SCAN THE QR CODE FOR MOST RECENT PRODUCT INFORMATION

VRF INDOORS

With 11 types and more than 100 models, Midea VRF indoor units can meet a variety of customer requirements in a wide range of locations including shopping centres, hospitals, office buildings, hotels and airports.

VRF INDOOR SYSTEMS

WALL MOUNTED

ROUNDFLOW 4 WAY CASSETTE

ROUNDFLOW COMPACT CASSETTE

CEILING AND FLOOR

FLOOR STANDING

FRESH AIR PROCESSING UNIT

MEDIUM STATIC PRESSURE DUCT

HIGH STATIC PRESSURE DUCT

HEAT RECOVERY VENTILATION

VRF HYDROMODULE

DX INTERFACE KITS

- Auto Restart Function
- Auto Addressing
- Timer
- Auto Defrosting
- Easy-cleaning Panel
- Follow Me
- Anti-cold Air Function
- Auto Swing
- LED Display
- Built-in Filter
- Independent Dehumidification
- Wired Controller

VRF WALL MOUNTED



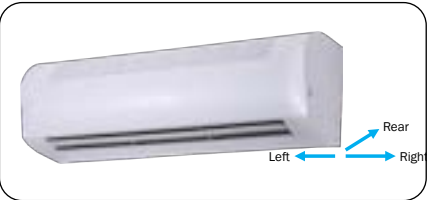
QUIET OPERATION
Sound levels of our Wall Mounted is as low as 27dB(A), ideal for hotels and other noise-sensitive locations.

ENCLOSED DESIGN
Improved design, reduced in size to fit enclosed spaces, allowing for optimum comfort in rooms of all sizes.

BI DIRECTIONAL COANDA AIRFLOW
With our air flow technology, tempered air does not blow directly on people, while hot air distributes evenly for the feel of better comfort.

HIGH MOUNTING
The units can be mounted a minimum of 3cm from the ceiling, meeting tight space requirements.

DRAINAGE SOLUTIONS
Multiple drainage direction options for easy installation.



Multi-directional refrigerant outlet pipe



Indoor unit



WDC3-86S
£/€110



WDC3-86T
£/€186



WDC3-120T
£/€186



RM23A
£/€102

VRF WALL MOUNTED

MODEL			MIH15GN18	MIH22GN18	MIH28GN18	MIH36GN18
Power Supply		V-Ph-Hz	220-240V,1Ph,50Hz			
Recommended Fuse Size		A	5	5	5	5
Interconnecting Wiring		No.	2 / 3 Core Screened 0.75mm²			
Capacity	Cooling total	kW	1.5	2.2	2.8	3.6
	Cooling sensible	kW	1.3	1.9	2.4	3
	Heating	kW	1.7	2.4	3.2	4
Indoor Air flow Rate (High- Low)		m³/h	460/440/420/400/380/360/340	500/470/440/410/390/370/340	540/510/470/430/400/370/340	580/540/500/460/420/380/340
Indoor Sound Pressure Level (High- Low)		dB(A)	32/31/30/30/29/28/27	33/32/31/30/29/28/27	35/34/33/32/31/30/28	37/36/34/33/31/30/28
M panel	Net Dimensions (WxHxD)	mm	750×295×265	750×295×265	750×295×265	750×295×265
	Packing Dimensions WxHxD)	mm	875×385×360	875×385×360	875×385×360	875×385×360
	Net/gross Weight	kg	9/11.5	9/11.5	10/12.5	10/12.5
Piping Connections	Liquid/Gas Pipe	mm (inch)	Ø6.35/Ø12.7 (1/4/ 1/2)	Ø6.35/Ø12.7 (1/4/ 1/2)	Ø6.35/Ø12.7 (1/4/ 1/2)	Ø6.35/Ø12.7 (1/4/ 1/2)
	Drain Pipe	mm	OD Ø16	OD Ø16	OD Ø16	OD Ø16
PRICE			644	664	706	768

MODEL			MIH45GN18	MIH56GN18	MIH71GN18	MIH80GN18
Power Supply		V-Ph-Hz	1-phase,220-240V,50Hz			
Recommended Fuse Size		A	5	5	5	5
Interconnecting Wiring		No.	2 / 3 Core Screened 0.75mm²			
Capacity	Cooling total	kW	4.5	5.6	7.1	8
	Cooling Sensible	kW				
	Heating	kW	5	6.3	8	9
Indoor Air flow Rate (High- Low)		m³/h	720/670/620/560/510/460/410	860/780/700/620/550/480/410	1220/1120/1030/940/850/750/660	1380/1260/1140/1020/900/780/660
Indoor Sound Pressure Level (High- Low)		dB(A)	37/35/33/32/31/30/29	41/39/37/35/33/31/29	44/42/40/38/36/34/32	45/43/41/39/37/35/32
M panel	Net Dimensions (WxHxD)	mm	950×295×265	950×295×265	1200×295×265	1200×295×265
	Packing Dimensions WxHxD)	mm	1075×385×360	1075×385×360	1315×385×360	1315×385×360
	Net/gross Weight	kg	11.5/14	11.5/14	15/18	15/18
Piping Connections	Liquid/Gas Pipe	mm (inch)	Ø6.35/Ø12.7 (1/4/ 1/2)	Ø6.35/Ø12.7 (1/4/ 1/2)	Ø9.53/Ø15.9 (3/8/ 5/8)	Ø9.53/Ø15.9 (3/8/ 5/8)
	Drain Pipe	mm	OD Ø16	OD Ø16	OD Ø16	OD Ø16
PRICE			894	924	998	1040

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

DATA IS SUBJECT TO CHANGE, SCAN THE QR CODE FOR MOST RECENT PRODUCT INFORMATION

- 
Auto Restart Function
- 
Auto Addressing
- 
Fresh Air
- 
Auto Defrosting
- 
Easy-cleaning Panel
- 
Follow Me
- 
Anti-cold Air Function
- 
Built-in Drain Pump
- 
LED Display
- 
Built-in Filter
- 
Independent Dehumidification
- 
Timer
- 
Auto Swing
- 
Wired Controller

VRF ROUNDFLOW 4 WAY CASSETTE



360° AIRFLOW

New design, round airflow path ensures uniform airflow and temperature distribution.

7 FAN SPEEDS

7 indoor fan speed options to meet the needs of different indoor comfort conditions.

MULTIPLE STEPS - VERTICAL SWING

The units have a wide range of airflow angles from 30° to 65° and are equipped with a 5-step louver control and auto swing mode to better meet customer needs.

HIGH CEILINGS

Our Four-way Cassette has an additional 50Pa static pressure for long airflow delivery, can be used in space with up to 4.5m in height.

HIGH-LIFT DRAIN PUMP

Drain pump can condense water up to 1200mm height as standard.

INDIVIDUAL LOUVER CONTROL

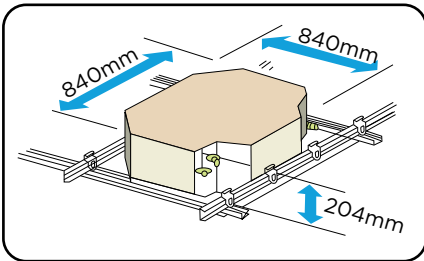
The Individual louver control can control the motors separately, making it possible to control all four louvers independently.

SUPER SLIM DESIGN

The height of this unit starts at just 204 mm, making it perfect for tight ceiling voids.



Flexible air distribution



Super slim design



Fresh air intake



VRF ROUNDFLOW 4 WAY CASSETTE

MODEL		MIH28Q4N18	MIH36Q4N18	MIH45Q4N18	MIH56Q4N18	MIH71Q4N18
PANEL		T-MBQ4-01F	T-MBQ4-01F	T-MBQ4-01F	T-MBQ4-01F	T-MBQ4-01F
Power Supply		V-Ph-Hz 220-240V,1Ph,50Hz				
Recommended FuseSize		A 5	5	5	5	5
Interconnecting Wiring		No. 2 / 3 Core Screened 0.75mm ²				
Capacity	Cooling total	kW 2.8	3.6	4.5	5.6	7.1
	Cooling Sensible	kW 2.4	3	3.7	4.6	5.8
	Heating	kW 3.2	4	5	6.3	8
Indoor Airflow Rate (High to Low)		m3/h 790/740/691/641/591/542/492	790/740/691/641/591/542/492	840/781/733/680/626/573/519	840/791/741/692/642/593/543	1000/943/886/829/772/715/658
Indoor Sound Pressure Level(High to Low)		dB(A) 30/29/28/27.5/27/26/25	30/29/28/27.5/27/26/25	33/32/31/30/29/28/27	33/32/31/30/29/28/27	37/36/34/33/32/30/29
Main body	Net Dimensions (WxHxD)	mm 840×204×840	840×204×840	840×204×840	840×204×840	840×246×840
	Packing Dimensions (WxHxD)	mm 940×250×940	940×250×940	940×250×940	940×250×940	940×295×940
	Net/gross Weight	kg 18/20.8	18/20.8	19.5/22.4	19.5/22.4	22/25.4
Panel	Net Dimensions (WxHxD)	mm 950×53×950	950×53×950	950×53×950	950×53×950	950×53×950
	Packing Dimensions (WxHxD)	mm 1030×95×1030	1030×95×1030	1030×95×1030	1030×95×1030	1030×95×1030
	Net/gross Weight	kg 5.6/8.0	5.6/8.0	5.6/8.0	5.6/8.0	5.6/8.0
Piping Connections	Liquid/Gas Pipe	mm(inch) Ø6.35/Ø12.7 (1/4/ 1/2)	Ø6.35/Ø12.7 (1/4/ 1/2)	Ø6.35/Ø12.7 (1/4/ 1/2)	Ø6.35/Ø12.7 (1/4/ 1/2)	Ø9.53/Ø15.9 (3/8/ 5/8)
	Drain Pipe	mm OD Ø25	OD Ø25	OD Ø25	OD Ø25	OD Ø25
PRICE (Indoor)		872	990	1080	1114	1144
PRICE (Panel)		220	220	220	220	220
PRICE (Total)		1092	1210	1300	1334	1364

MODEL		MIH80Q4N18	MIH90Q4N18	MIH100Q4N18	MIH112Q4N18	MIH140Q4N18
PANEL		T-MBQ4-01F	T-MBQ4-01F	T-MBQ4-01F	T-MBQ4-01F	T-MBQ4-01F
Power Supply		V-Ph-Hz 220-240V,1Ph,50Hz				
Recommended Fuse Size		A 5	5	5	5	5
Interconnecting Wiring		No. 2 / 3 Core Screened 0.75mm ²				
Capacity	Cooling total	kW 8	9	10	11.2	14
	Cooling sensible	kW 6.6	7.3	8.2	9.2	11.3
	Heating	kW 9	10	11.2	12.5	16
Indoor Airflow Rate (High to Low)		m3/h 1330/1239/1148/1057/965/874/783	1330/1239/1148/1057/965/874/783	1445/1363/1282/1200/1118/1037/955	1600/1497/1393/1290/1186/1083/979	1730/1624/1518/1412/1306/1200/1094
Indoor Sound Pressure Level(High to Low)		dB(A) 38/37/35/34/32/31/29	38/37/35/34/32/31/29	39/38/37/36/35/34/33	41/40/38/37/36/34/33	43/42/40/39/37/36/34
Main Body	Net Dimensions (WxHxD)	mm 840×246×840	840×246×840	840×288×840	840×288×840	840×288×840
	Packing Dimensions (WxHxD)	mm 940×295×940	940×295×940	940×335×940	940×335×940	940×335×940
	Net/gross Weight	kg 22/25.4	22/25.4	24/27.7	24/27.7	26.5/30.1
Panel	Net Dimensions (WxHxD)	mm 950×53×950	950×53×950	950×53×950	950×53×950	950×53×950
	Packing Dimensions (WxHxD)	mm 1030×95×1030	1030×95×1030	1030×95×1030	1030×95×1030	1030×95×1030
	Net/gross Weight	kg 5.6/8.0	5.6/8.0	5.6/8.0	5.6/8.0	5.6/8.0
Piping Connections	Liquid/Gas Pipe	mm(inch) Ø9.53/Ø15.9 (3/8/ 5/8)	Ø9.53/Ø15.9 (3/8/ 5/8)	Ø9.53/Ø15.9 (3/8/ 5/8)	Ø9.53/Ø15.9 (3/8/ 5/8)	Ø9.53/Ø15.9 (3/8/ 5/8)
	Drain Pipe	mm OD Ø25	OD Ø25	OD Ø25	OD Ø25	OD Ø25
PRICE (Indoor)		1186	1240	1272	1310	1474
PRICE (Panel)		220	220	220	220	220
PRICE (Total)		1406	1460	1492	1530	1694

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.
Unit body dimensions are the largest external Dimensions of the unit, including hanger attachments.
Sound Pressure is measured 1.5m below the air-outlet at Nominal Conditions.

DATA IS SUBJECT TO CHANGE, SCAN THE QR CODE FOR MOST RECENT PRODUCT INFORMATION

- Auto Restart Function
- Auto Addressing
- Fresh Air
- Auto Defrosting
- Easy-cleaning Panel
- Follow Me
- Anti-cold Air Function
- Built-in Drain Pump
- LED Display
- Built-in Filter
- Independent Dehumidification
- Timer
- Auto Swing
- Wired Controller



360° AIRFLOW OUTLET

360° new design, round airflow path ensures uniform airflow and temperature distribution to cool or heat every corner of a room and keep a constant temperature

HIGH CEILINGS

Our compact cassette has an additional 30Pa static pressure for long airflow delivery, can be used in space with up to 3.5m in height

MULTIPLE STEPS - VERTICAL SWING

The units have a wide range of airflow angles from 40° to 70° and are equipped with a 5-step louver control and auto swing mode to better meet customer needs.

HIGH-LIFT DRAIN PUMP

Drain pump can condense water up to 1200mm height as standard.

COMPACT AND STYLISH DESIGN

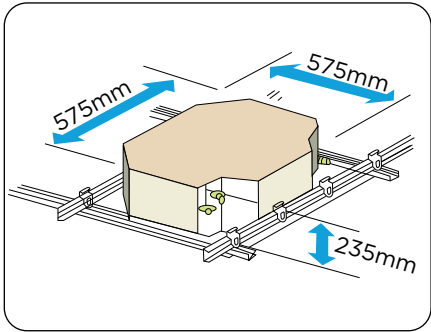
Reduced size, design to fit perfectly into the ceiling tile.

SOFT BREEZE MODE

Supplies air against the ceiling to create breezeless environment.



360° Airflow















Compact design



VRF ROUNDFLOW COMPACT CASSETTE									
MODEL			MIH15Q4CN18	MIH22Q4CN18	MIH28Q4CN18	MIH36Q4CN18	MIH45Q4CN18	MIH56Q4CN18	MIH63Q4CN18
PANEL			T-MBQ4-03F	T-MBQ4-03F	T-MBQ4-03F	T-MBQ4-03F	T-MBQ4-03F	T-MBQ4-03F	T-MBQ4-03F
Power Supply		V-Ph-Hz	220-240V,1Ph,50Hz						
Recommended Fuse Size		A	5	5	5	5	5	5	5
Interconnecting Wiring		No.	2 / 3 Core Screened 0.75mm²						
Capacity	Cooling total	kW	1.5	2.2	2.8	3.6	4.5	5.6	6.3
	Cooling sensible	kW	1.3	1.8	2.3	2.9	3.7	4.6	5.2
	Heating	kW	1.8	2.4	3.2	4	5	6.3	7.1
Indoor Air flow Rate (High to Low)		m3/h	450/425/400/370/345/320/295	450/425/400/370/345/320/295	510/480/455/425/395/370/340	530/500/470/440/405/375/345	640/605/570/530/495/460/425	810/765/720/670/625/580/535	905/855/805/755/705/655/605
Indoor Sound Pressure Level (High to Low)		dB(A)	29/28/27/27/26/26/25	29/28/27/27/26/26/25	30/29/28/27/26/26/25	31/30/29/28/27/26/25.5	36.5/35/33/31/29/28/26.5	39/38/37/36/35/34/32	43/42/40/38/36/35/33.5
Main body	Net Dimensions (WxHxD)	mm	575×235×638	575×235×638	575×235×638	575×235×638	575×235×638	575×235×638	575×235×638
	Packing Dimensions (WxHxD)	mm	690×285×690	690×285×690	690×285×690	690×285×690	690×285×690	690×285×690	690×285×690
	Net/gross Weight	kg	13.0/15.5	13.0/15.5	13.0/15.5	14.0/16.5	14.0/16.5	15.0/17.5	15.0/17.5
Panel	Net Dimensions (WxHxD)	mm	620x65x620	620x65x620	620x65x620	620x65x620	620x65x620	620x65x620	620x65x620
	Packing Dimensions (WxHxD)	mm	680x80x665	680x80x665	680x80x665	680x80x665	680x80x665	680x80x665	680x80x665
	Net/gross Weight	kg	2.3/3.0	2.3/3.0	2.3/3.0	2.3/3.0	2.3/3.0	2.3/3.0	2.3/3.0
Piping Connections	Liquid/Gas Pipe	mm(inch)	Ø6.35/Ø12.7 (1/4/ 1/2)	Ø6.35/Ø12.7 (1/4/ 1/2)	Ø6.35/Ø12.7 (1/4/ 1/2)	Ø6.35/Ø12.7 (1/4/ 1/2)	Ø6.35/Ø12.7 (1/4/ 1/2)	Ø6.35/Ø12.7 (1/4/ 1/2)	Ø9.53/Ø15.9 (3/8/ 5/8)
	Drain Pipe	mm	OD Ø25	OD Ø25	OD Ø25	OD Ø25	OD Ø25	OD Ø25	OD Ø25
PRICE (Indoor)			760	792	832	880	916	966	994
PRICE (Panel)			146	146	146	146	146	146	146
PRICE (Total)			906	938	978	1026	1062	1112	1140

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.
Unit body dimensions are the largest external Dimensions of the unit, including hanger attachments.
Sound Pressure is measured 1.5m below the air-outlet at Nominal Conditions.

DATA IS SUBJECT TO CHANGE, SCAN THE QR CODE FOR MOST RECENT PRODUCT INFORMATION

- 
Auto Restart Function
- 
Auto Addressing
- 
Timer
- 
Auto Defrosting
- 
Easy-cleaning Panel
- 
Follow Me
- 
Anti-cold Air Function
- 
Auto Swing
- 
LED Display
- 
Built-in Filter
- 
Independent Dehumidification
- 
Wired Controller

VRF CEILING AND FLOOR



EASY INSTALLATION

The slim and sleek design ensures easy installation. The unit can be installed either horizontally on the ceiling or vertically against the wall. It can be installed into a corner of the ceiling even if the ceiling is very narrow.

MULTIPLE STEPS VERTICAL SWING

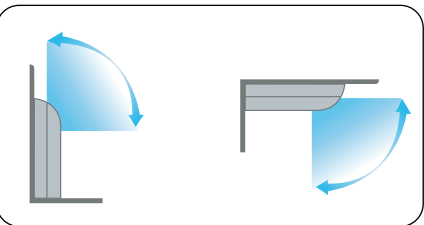
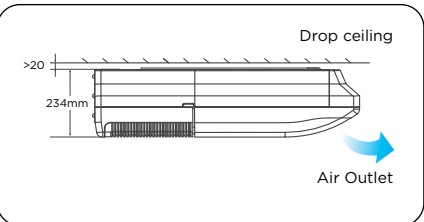
There are 5-steps louver control making the air flow direction more precise. The auto swing mode can better meet customer needs with an air supply angle of 35°C-65°C.

QUIET OPERATION

Low sound from 25 dB(A) to create a comfortable environment without high noise levels.

TWO THERMISTORS CONTROL

The indoor temperature can be checked using the thermistor in the controller as well as from the indoor unit to increase accurate readings for optimum comfort.



The unit can be installed either horizontally on the ceiling or vertically against the wall.



Auto Swing & Wide Angle Airflow

VRF CEILING AND FLOOR















MODEL			MIH36DLN18	MIH45DLN18	MIH56DLN18	MIH71DLN18	MIH80DLN18
Power Supply		V-Ph-Hz	220-240V,1Ph,50Hz				
Recommended Fuse Size		A	5	5	5	5	5
Interconnecting Wiring		No.	2 / 3 Core Screened 0.75mm²				
Capacity	Cooling total	kW	3.6	4.5	5.6	7.1	8
	Cooling sensible	kW	3	3.7	4.6	5.8	6.5
	Heating	kW	4	5	6.3	8	9
Indoor Air flow Rate (High to Low)		m³/h	564/539/514/492/467/445/424	712/674/637/603/565/531/500	927/883/840/794/751/707/665	1128/1062/1024/926/860/791/729	1300/1218/1138/1057/982/904/824
Indoor Sound Pressure Level (High to Low)		dB(A)	32/30/29/28/27/26/25	36/35/34/33/32/31/30	43/41/40/38/36/34/33	43/40/39/37/35/34/33	45/44/42/40/38/36/34
Net Dimensions (WxHxD)		mm	1069×674×234	1069×674×234	1069×674×234	1284×674×234	1284×674×234
Packing Dimensions (WxHxD)		mm	1190×755×313	1190×755×313	1190×755×313	1405×755×323	1405×755×323
Net/Gross Weight		kg	24.7/29.5	24.7/29.5	24.7/29.5	29.8/34.8	29.8/34.8
Piping Connections	Liquid/Gas Pipe	mm(inch)	Ø6.35/Ø12.7 (1/4/ 1/2)	Ø6.35/Ø12.7 (1/4/ 1/2)	Ø6.35/Ø12.7 (1/4/ 1/2)	Ø9.53/Ø15.9 (3/8/ 5/8)	Ø9.53/Ø15.9 (3/8/ 5/8)
	Drain Pipe	mm	OD Ø25	OD Ø25	OD Ø25	OD Ø25	OD Ø25
PRICE			1058	1090	1112	1162	1342

MODEL			MIH90DLN18	MIH100DLN18	MIH112DLN18	MIH125DLN18	MIH140DLN18
Power Supply		V-Ph-Hz	220-240V,1Ph,50Hz				
Recommended Fuse Size		A	5	5	5	5	5
Interconnecting Wiring		No.	2 / 3 Core Screened 0.75mm²				
Capacity	Cooling total	kW	9	10	11.2	12.5	14
	Cooling sensible	kW	7.3	8.2	9.2	10.2	11.4
	Heating	kW	10	11.2	12.5	14	16
Indoor Air flow Rate (High to Low)		m³/h	1480/1397/1302/1218/1138/1056/979	1497/1469/1296/1200/1104/1015/918	1648/1530/1469/1292/1178/1067/956	2012/1879/1772/1649/1531/1469/1285	2206/2070/1937/1810/1677/1516/1402
Indoor Sound Pressure Level (High to Low)		dB(A)	48/47/46/44/42/40/37	42/40/39/37/35/33/32	44/42/41/39/37/35/33	49/48/46/44/42/40/38	51.5/50/48/46/44/42/40
Net Dimensions (WxHxD)		mm	1284×674×234	1649×674×234	1649×674×234	1649×674×234	1649×674×234
Packing Dimensions (WxHxD)		mm	1405×755×323	1770×755×323	1770×755×323	1770×755×323	1770×755×323
Net/Gross Weight		kg	29.8/34.8	36.4/42.7	36.4/42.7	36.4/42.7	36.4/42.7
Piping Connections	Liquid/Gas Pipe	mm(inch)	Ø9.53/Ø15.9 (3/8/ 5/8)	Ø9.53/Ø15.9 (3/8/ 5/8)	Ø9.53/Ø15.9 (3/8/ 5/8)	Ø9.53/Ø15.9 (3/8/ 5/8)	Ø9.53/Ø15.9 (3/8/ 5/8)
	Drain Pipe	mm	OD Ø25	OD Ø25	OD Ø25	OD Ø25	OD Ø25
PRICE			1398	1642	1662	1682	1700

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

DATA IS SUBJECT TO CHANGE, SCAN THE QR CODE FOR MOST RECENT PRODUCT INFORMATION

- 
Auto Restart Function
- 
Auto Addressing
- 
Timer
- 
Auto Defrosting
- 
Easy-cleaning Panel
- 
Follow Me
- 
Anti-cold Air Function
- 
Auto Swing
- 
LED Display
- 
Built-in Filter
- 
Independent Dehumidification
- 
Wired Controller

VRF FLOOR STANDING



FLEXIBLE INSTALLATION

Compact design with a style to suit any decor, the available options allow units to be installed fixed to the wall, hung on the wall or on the floor.

OPTIONAL PANEL STYLES

Three styles of finish are available:

F3 uncased models are designed to be recessed, leaving only the air grilles visible.

F4 model, the air return is in the front, while in the F5 model the air return is from below.

This provides full flexibility and ability to meet all customer aesthetic requirements.

External Static pressure of up 60 PA allowing further options.

MULTIPLE FAN SPEEDS

7 indoor fan speeds provide control flexibility to meet the needs of different indoor conditions.

EASY MAINTENANCE

The internal coil & filter can be cleaned easily due to the sophisticated design and the product's removable blades. All metal parts are made of commercial grade galvanised steel for maximum protection against corrosion.

PRECISE TEMPERATURE CONTROL

Set temperature can be adjusted in 0.5°C or 1°C steps, enabling precise comfort control.



F3 (concealed)



F4 (front air intake)



F5 (air intake below)

Multiple appearance options

				
Indoor unit	WDC3-86S £/€110	WDC3-86T £/€186	WDC3-120T £/€186	RM23A £/€102













VRF FLOOR STANDING

MODEL		MIH22F3N18	MIH28F3N18	MIH36F3N18	MIH45F3N18	MIH56F3N18	MIH71F3N18	MIH80F3N18
Power Supply	V-Ph-Hz	220-240V,1Ph,50Hz						
Recommended Fuse size	A	5	5	5	5	5	5	5
Interconnecting Wiring	No.	2 / 3 Core Screened 0.75mm²						
Capacity	Cooling total	kW	2.2	2.8	3.6	4.5	5.6	7.1
	Cooling sensible	kW	1.8	2.3	3	3.7	4.6	5.8
	Heating	kW	2.4	3.2	4	5	6.3	8
Indoor Air flow Rate (High to Low)	m³/h	473/464/454/449/439/431/426	473/464/454/449/439/431/426	524/503/488/471/450/427/408	636/611/584/557/533/507/483	781/756/738/717/683/651/624	928/893/865/834/803/770/739	928/893/865/834/803/770/739
External static pressure	Pa	0-60	0-60	0-60	0-60	0-60	0-60	0-60
Indoor Sound Pressure Level (High to Low)	dB(A)	34.5/34/33.5/32.5/32/31/30.5	34.5/34/33.5/32.5/32/31/30.5	36.5/35.5/34.5/34/33/32/31	37/36/35/34/33/32/30	36.5/36/35/34/33.5/32.5/31.5	40.5/39.5/38.5/37.5/36.5/36/34.5	40.5/39.5/38.5/37.5/36.5/36/34.5
Net Dimensions (WxHxD)	mm	915×470×200	915×470×200	915×470×200	1133×470×200	1253×566×200	1253×566×200	1253×566×200
Packing Dimensions (WxHxD)	mm	985×555×255	985×555×255	985×555×255	1205×555×255	1325×650×255	1325×650×255	1325×650×255
Net/Gross Weight	kg	16.3/20.0	16.3/20.0	16.9/20.7	20.0/24.4	24.3/30.0	26.1/31.8	26.1/31.8
Piping Connections	Liquid/Gas Pipe (inch)	Ø6.35/Ø12.7 (1/4/ 1/2)	Ø6.35/Ø12.7 (1/4/ 1/2)	Ø6.35/Ø12.7 (1/4/ 1/2)	Ø6.35/Ø12.7 (1/4/ 1/2)	Ø6.35/Ø12.7 (1/4/ 1/2)	Ø9.53/Ø15.9 (3/8/ 5/8)	Ø9.53/Ø15.9 (3/8/ 5/8)
	Drain Pipe (mm)	OD Ø18.5	OD Ø18.5	OD Ø18.5	OD Ø18.5	OD Ø18.5	OD Ø18.5	OD Ø18.5
PRICE		1014	1036	1128	1164	1250	1260	1342

MODEL		MIH22F4N18	MIH28F4N18	MIH36F4N18	MIH45F4N18	MIH56F4N18	MIH71F4N18	MIH80F4N18
		MIH22F5N18	MIH28F5N18	MIH36F5N18	MIH45F5N18	MIH56F5N18	MIH71F5N18	MIH80F5N18
Power Supply	V-Ph-Hz	220-240V,1Ph,50Hz						
Recommended Fuse Size	A	5	5	5	5	5	5	5
Interconnecting Wiring	No.	2 / 3 Core Screened 0.75mm²						
Capacity	Cooling total	kW	2.2	2.8	3.6	4.5	5.6	7.1
	Cooling sensible	kW	1.8	2.3	3	3.7	4.6	5.8
	Heating	kW	2.4	3.2	4	5	6.3	8
Indoor Air flow Rate (High to Low)	m³/h(F4)	507/490/482/466/449/450/435	507/490/482/466/449/450/435	532/512/501/483/466/435/414	692/665/637/610/582/555/528	934/904/888/860/821/786/764	1054/1011/992/955/924/889/841	1054/1011/992/955/924/889/841
	m³/h(F5)	498/486/475/464/453/441/430	498/486/475/464/453/441/430	508/491/474/458/441/424/407	43/42/41/40/39/38/37	811/785/759/732/706/680/653	930/895/860/825/790/755/721	930/895/860/825/790/755/721
External static pressure	Pa	0-10	0-10	0-10	0-10	0-10	0-10	0-10
Indoor Sound Pressure Level (High to Low)	dB(A) (F4)	36/35/34.5/34/33/32.5/32	36/35/34.5/34/33/32.5/32	38/37/36/35/34/33/32	689/663/639/608/575/560/526	41.5/41/40/39/38/37/36	46/45.5/45/44/43/42/41	46/45.5/45/44/43/42/41
	dB(A) (F5)	32.5/32/31.5/31/30.5/30/29	32.5/32/31.5/31/30.5/30/29	35/34/33/32/31/30/28	692/665/637/610/582/555/528	35/34.5/34/33/32.5/32/31	39.5/39/38/37/36/35/34	39.5/39/38/37/36/35/34
Net Dimensions (WxHxD)	F4	mm	1020×495×200	1020×495×200	1240×495×200	1360×591×200	1360×591×200	1360×591×200
	F5	mm	1020×495×200	1020×495×200	1020×495×200	1240×495×200	1360×591×200	1360×591×200
Packing Dimensions (WxHxD)	F4	mm	1125×595×285	1125×595×285	1125×595×285	1345×595×285	1465×695×285	1465×695×285
	F5	mm	1125×595×285	1125×595×285	1125×595×285	1345×595×285	1465×695×285	1465×695×285
Net/Gross Weight	F4	kg	21.1/27.9	21.1/27.9	21.9/28.6	26.3/32.9	32.1/41.0	33.3/41.1
	F5	kg	21.1/26.8	21.1/26.8	21.9/27.6	26.3/32.4	32.1/39.4	33.3/41.1
Piping Connections	Liquid/Gas Pipe (inch)	mm	Ø6.35/Ø12.7 (1/4/ 1/2)	Ø6.35/Ø12.7 (1/4/ 1/2)	Ø6.35/Ø12.7 (1/4/ 1/2)	Ø6.35/Ø12.7 (1/4/ 1/2)	Ø9.53/Ø15.9 (3/8/ 5/8)	Ø9.53/Ø15.9 (3/8/ 5/8)
	Drain Pipe (mm)	mm	OD Ø18.5	OD Ø18.5	OD Ø18.5	OD Ø18.5	OD Ø18.5	OD Ø18.5
PRICE		1072	1094	1186	1224	1322	1352	1412

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.
Specifications of F3B series are measured at 10Pa external static pressure and F4/F5 series at 0Pa.
Sound Pressure is measured 1.0m horizontally from the air-outlet at Nominal Conditions.

DATA IS SUBJECT TO CHANGE, SCAN THE QR CODE FOR MOST RECENT PRODUCT INFORMATION

- 
Auto Restart Function
- 
Auto Addressing
- 
Fresh Air
- 
Independent Dehumidification
- 
Built-in Filter
- 
Auto Defrosting
- 
Follow Me
- 
Anti-cold Air Function
- 
Built-in Drain Pump
- 
Timer
- 
Wired Controller
- 
Super High Air Flow

VRF MEDIUM STATIC PRESSURE DUCT



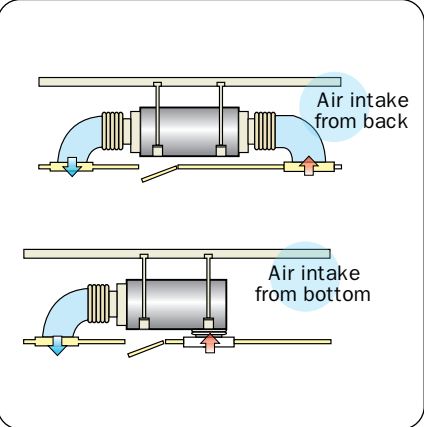
COMPACT DESIGN
Compact dimensions, can easily be mounted in a ceiling void with height of only 245mm.

PRECISE TEMPERATURE CONTROL
Set temperature can be adjusted in 0.5°C or 1°C steps, enabling precise comfort control.

STANDARD DRAIN PUMP
Drain pump with a 1200 mm pump head is built in as standard.

AIR FLOW
Specially designed independent drive chip enables precise control and output on demand. It can automatically adapt to duct lengths from 10 to 160 Pa static pressure without intervention from the installer.

QUIET OPERATION
Low sound from 22 dB(A) perfect for hotels, offices and more.



Rear and base air inlet


Indoor unit


WDC3-86S
£/€110


WDC3-86T
£/€186


WDC3-120T
£/€186


RM23A
£/€102

VRF MEDIUM STATIC PRESSURE DUCT

MODEL			MIH15T2N18	MIH22T2N18	MIH28T2N18	MIH36T2N18	MIH45T2N18	MIH56T2N18
Power Supply		V-Ph-Hz	220-240V,1Ph,50Hz					
Recommended Fuse Size		A	5	5	5	5	5	5
Interconnecting Wiring		No.	2 / 3 Core Screened 0.75mm²					
Capacity	Cooling total	kW	1.5	2.2	2.8	3.6	4.5	5.6
	Cooling sensible	kW	1.3	1.8	2.3	3	3.7	4.6
	Heating	kW	1.8	2.5	3.2	4	5	6.3
Indoor Air flow Rate (High to Low)		m³/h	470/438/407/375/ 343/312/280	500/467/433/400/ 367/333/300	540/503/467/430/ 393/357/320	575/535/495/455/ 415/375/335	665/623/580/538/ 495/453/410	970/904/838/773/ 707/641/575
External static pressure - Standard Min/Max		Pa	30 (10-160)	30 (10-160)	30 (10-160)	30 (10-160)	30 (10-160)	30 (10-160)
Indoor Sound Pressure Level (High to Low)		dB(A)	26.5/26/25/24/ 23/22.5/22	26.5/26/25/24/ 23/22.5/22	26.5/26/25/24/ 23/22.5/22	29/28/27/26/ 25/23/22	33/32/29.5/28/ 26.5/25/24	33/32/31/30/ 27.5/26/25
Net Dimensions (WxHxD)		mm	600x245x750	600x245x750	600x245x750	600x245x750	600x245x750	800x245x750
Packing Dimensions (WxHxD)		mm	765x305x885	765x305x885	765x305x885	765x305x885	765x305x885	765x305x885
Net/Gross Weight		kg	18.5/21	18.5/21	18.5/21	18.5/21	19.5/22	24/27.5
Piping Connections	Liquid/Gas Pipe	mm(inch)	Ø6.35/Ø12.7 (1/4/ 1/2)	Ø6.35/Ø12.7 (1/4/ 1/2)	Ø6.35/Ø12.7 (1/4/ 1/2)	Ø6.35/Ø12.7 (1/4/ 1/2)	Ø6.35/Ø12.7 (1/4/ 1/2)	Ø6.35/Ø12.7 (1/4/ 1/2)
	Drain Pipe	mm	OD Ø25	OD Ø25	OD Ø25	OD Ø25	OD Ø25	OD Ø25
PRICE			712	730	762	802	870	924

MODEL			MIH71T2N18	MIH80T2N18	MIH90T2N18	MIH112T2N18	MIH125T2N18	MIH140T2N18	MIH160T2N18
Power Supply		V-Ph-Hz	220-240V,1Ph,50Hz						
Recommended Fuse Size		A	5	5	5	5	5		
Interconnecting Wiring		No.	2 / 3 Core Screened 0.75mm²						
Capacity	Cooling total	kW	7.1	8	9	11.2	12.5	14	16
	Cooling Sensible	kW	5.8	6.5	7.3	9.1	10.1	11.3	12.9
	Heating	kW	8	9	10	12.5	14	16	18
Indoor Air flow Rate (High to Low)		m³/h	1150/1068/986/ 904/822/740/660	1355/1263/1172/ 1080/988/897/805	1420/1323/1225/ 1128/1030/933/835	1950/1817/1683/ 1550/1417/1283/1150	2105/1971/1837/ 1703/1568/1434/1300	2105/1971/1837/ 1703/1568/1434/1300	2350/2160/2015/ 1871/1776/1533/1400
External static pressure- Standard Min/Max		Pa	30 (10-160)	40 (10-160)	40 (10-160)	40 (10-160)	50 (10-160)	50 (10-160)	50 (10-160))
Indoor Sound Pressure Level (High to Low)		dB(A)	35/33.5/32/ 30.5/29/27.5/26	37/35.5/34/ 32.5/31/29.5/28	37/35.5/34/ 32.5/31/29.5/28	39/37/35/ 33/31/29/28	40/38/36/ 34/32/30/29	40/38/36/ 34/32/30/29	42/40/38/ 36/34/33/31
Net Dimensions (WxHxD)		mm	800x245x750	1050x245x750	1050x245x750	1400x245x750	1400x245x750	1400x245x750	1400x245x750
Packing Dimensions (WxHxD)		mm	965x305x885	1215x305x885	1215x305x885	1565x305x885	1565x305x885	1565x305x885	1565x305x885
Net/Gross Weight		kg	25/28.5	30/34	31/35	37/42	39/44	39/44	39/44
Piping Connections	Liquid/Gas Pipe	mm(inch)	Ø9.53/Ø15.9 (3/8/ 5/8)	Ø9.53/Ø15.9 (3/8/ 5/8)	Ø9.53/Ø15.9 (3/8/ 5/8)	Ø9.53/Ø15.9 (3/8/ 5/8)	Ø9.53/Ø15.9 (3/8/ 5/8)	Ø9.53/Ø15.9 (3/8/ 5/8)	Ø9.53/Ø15.9 (3/8/ 5/8)
	Drain Pipe	mm	OD Ø25	OD Ø25	OD Ø25	OD Ø25	OD Ø25	OD Ø25	OD Ø25
PRICE			1014	1252	1290	1326	1382	1402	1530

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.
Unit body dimensions are the largest external dimensions of the unit, including hanger attachments.
Sound Pressure is measured 1.5m below the air-outlet at Nominal Conditions.

DATA IS SUBJECT TO CHANGE, SCAN THE QR CODE FOR MOST RECENT PRODUCT INFORMATION

- Auto Restart Function
- Auto Addressing
- Timer
- Independent Dehumidification
- Built-in Filter
- Auto Defrosting
- Follow Me
- Anti-cold Air Function
- Wired Controller
- Built-in Drain Pump

VRF HIGH STATIC PRESSURE DUCT



Did you know?
You can scan me to
download a product
sales leaflet.



UP TO 56 KW FROM A SINGLE UNIT

Range available from 5.6 kW right up to 56 kW, providing a unit for every scenario. Sizes 5.6 kW up to 16 kW, body thickness is only 299 mm, allowing for installation in more restricted spaces.

ULTRA-HIGH STATIC PRESSURE

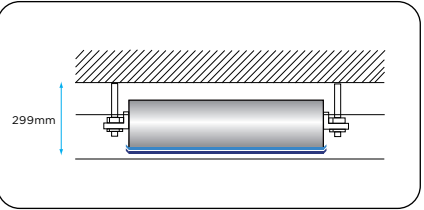
The static pressure can reach 250Pa(5.6-16kW) or 400Pa (20-56kW), so the air supply distance is longer. Especially in long and narrow spaces such as corridors, it can reduce the number of units used and save investment costs.

STANDARD DRAIN PUMP

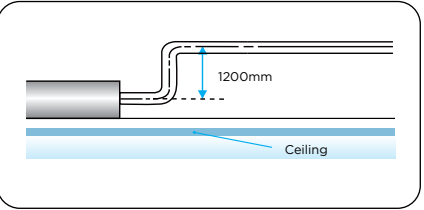
Drain pump with a 1200 mm pump head is built in as standard.

FLEXIBLE CONTROL AND EASY MAINTENANCE

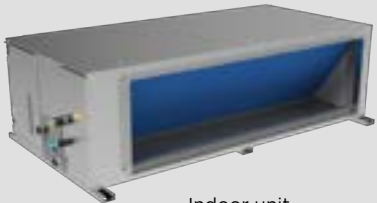
Built in LED display for quick and easy troubleshooting. Easy access filters at the rear and bottom and standard functional port such as remote on/off dry contact.



Low height



Standard drain pump



Indoor unit



WDC3-86S
£/€110



WDC3-86T
£/€186



WDC3-120T
£/€186



RM23A
£/€102

VRF HIGH STATIC PRESSURE DUCT

MODEL		MIH56TIN18	MIH71TIN18	MIH80TIN18	MIH90TIN18	MIH112TIN18	MIH125TIN18	MIH140TIN18	MIH160TIN18
Power Supply	V-Ph-Hz	220-240V,1Ph,50Hz							
Recommended Fuse Size	A	5	5	5	5	5	5	5	5
Interconnecting Wiring	No.	2 / 3 Core Screened 0.75mm ²							
Capacity	Cooling total	kW	5.6	7.1	8	9	11.2	12.5	14
	Cooling sensible	kW	4.7	6	6.7	7.5	9.3	10.2	11.4
	Heating	kW	6.3	8	9	10	12.5	14	16
Indoor Air flow Rate (High to Low)	m3/h	1360/1281/1201/112 2/1043/963/884	1360/1281/1201/112 2/1043/963/884	1360/1281/1201/112 2/1043/963/884	1500/1413/1325/12 38/1150/1063/975	2140/2015/1890/17 66/1641/1516/1391	2150/2025/1899 /1774/1649/152 3/1398	2400/2260/2120 /1980/1840/170 0/1560	2600/2448/229 7/2145/1993/184 2/1690
External static pressure (Min/Std/Max)	Pa	80 (0-250)	80 (0-250)	80 (0-250)	80 (0-250)	80 (0-250)	100 (0-250)	100 (0-250)	100 (0-250)
Indoor Sound Pressure Level (High to Low)	dB(A)	39/38/36/35/ 33/32/30	39/38/36/35/ 33/32/30	39/38/36/35/ 33/32/30	40/39/37/36/ 34/33/31	41/40/38/37/ 35/34/32	41/40/39/37/ 36/35/33	43/42/40/39/ 37/36/34	44/43/41/40/ 38/37/35
Net Dimensions (WxHxD)	mm	1050×299×750	1050×299×750	1050×299×750	1050×299×750	1400×299×750	1400×299×750	1400×299×750	1400×299×750
Packing Dimensions (WxHxD)	mm	1215×359×890	1215×359×890	1215×359×890	1215×359×890	1565×359×890	1565×359×890	1565×359×890	1565×359×890
Net/Gross Weight	kg	35/38.5	35/38.5	35/38.5	35/38.5	44.5/48.5	46.5/50.5	46.5/50.5	46.5/50.5
Piping Connections	Liquid/Gas Pipe	mm(inch)	Ø6.35/Ø12.7 (1/4/ 1/2)	Ø9.53/Ø15.9 (3/8/ 5/8)	Ø9.53/Ø15.9 (3/8/ 5/8)	Ø9.53/Ø15.9 (3/8/ 5/8)	Ø9.53/Ø15.9 (3/8/ 5/8)	Ø9.53/Ø15.9 (3/8/ 5/8)	Ø9.53/Ø15.9 (3/8/ 5/8)
	Drain Pipe	mm	OD Ø25	OD Ø25	OD Ø25	OD Ø25	OD Ø25	OD Ø25	OD Ø25
PRICE		1100	1142	1178	1262	1368	1560	1682	1746

MODEL		MIH200TIN18	MIH224TIN18	MIH252TIN18	MIH280TIN18	MIH335TIN18	MIH400TIN18	MIH450TIN18	MIH560TIN18
Power Supply	V-Ph-Hz	220-240V,1Ph,50Hz							
Recommended Fuse Size	A	10	10	10	10	10	20	20	20
Interconnecting Wiring	No.	2 / 3 Core Screened 0.75mm ²							
Capacity	Cooling total	kW	20	22.4	25.2	28	33.5	40	45
	Cooling sensible	kW	16.3	18.3	20.5	22.8	27.3	32.5	36.6
	Heating	kW	22.5	25	26	31.5	38	45	50
Indoor Air flow Rate (High to Low)	m3/h	4700/4387/4073 /3760/3447/3133 /2820	4700/4387/4073 /3760/3447/3133 /2820	4700/4387/4073 /3760/3447/3133 /2820	4700/4387/4073 /3760/3447/3133 /2820	4700/4387/4073 /3760/3447/3133 /2820	7500/7000/6500 /6000/5500/500 0/4500	7500/7000/650 0/6000/5500/5 000/4500	8400/7840/728 0/6720/6160/56 00/5040
External static pressure (Min/Std/Max)	Pa	200(0-400)	200(0-400)	200(0-400)	200(0-400)	200 (0-400)	300 (0-400)	300 (0-400)	300 (0-400)
Indoor Sound Pressure Level (High to Low)	dB(A)	51/50/48/ 46/44/43/42	51/50/48/ 46/44/43/42	51/50/48/ 46/44/43/42	51/50/48/ 46/44/43/42	52/51/49/ 48/46/44/43	58/56/54/ 52/50/49/48	58/56/54/ 52/50/49/48	59/58/56/ 54/53/51/49
Net Dimensions (WxHxD)	mm	1300×580×900	1300×580×900	1300×580×900	1300×580×900	1300×580×900	1850×580×900	1850×580×900	1850×580×900
Packing Dimensions (WxHxD)	mm	1530×730×1060	1530×730×1060	1530×730×1060	1530×730×1060	1530×730×1060	2080×730×1060	2080×730×1060	2080×730×1060
Net/Gross Weight	kg	125/150	125/150	125/150	125/150	128/153	166/204	166/204	170/208
Piping Connections	Liquid/Gas Pipe	mm (inch)	Ø9.53/Ø19.1(3/8/ 3/4)	Ø9.53/Ø19.1(3/8/ 3/4)	Ø12.7/Ø22.2 (1/2/ 7/8)	Ø12.7/Ø22.2 (1/2/ 7/8)	Ø12.7/Ø28.6 (1/2/ 1 1/8)	Ø12.7/Ø28.6 (1/2/ 1 1/8)	Ø15.8/Ø28.6 (5/8/ 1 1/8)
	Drain Pipe	mm	OD Ø32	OD Ø32	OD Ø32	OD Ø32	OD Ø32	OD Ø32	OD Ø32
PRICE		2682	2692	2832	2996	3300	4504	5006	5264

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.
Unit body dimensions are the largest external dimensions of the unit, including hanger attachments.
Sound Pressure is measured 1.5m below the air-outlet at Nominal Conditions.

DATA IS SUBJECT TO CHANGE, SCAN THE QR CODE FOR MOST RECENT PRODUCT INFORMATION

VRF HEAT RECOVERY VENTILATION



ENHANCED EFFICIENCY

Midea heat recovery ventilation (HRV) can greatly reduce energy losses and room temperature fluctuations caused by the ventilation process. Temperature exchange efficiency is over 74% and enthalpy exchange efficiency is over 71%.

EASY INSTALLATION

The unit's slim and compact design means the HRV can easily be installed where space is limited.No drain piping needed, thanks to sensible & latent heat transfer at heat exchanger.

FLEXIBLE CONTROL

2-Core Wired 7 Day Controller can be used to control multiple units together.

HIGH EFFICIENCY FILTERS

Built-in as standard, F7 filter for air supply side and M5 filter for exhaust air.

CO₂ SENSOR

Built-in as standard allows control of fan speed according to CO2 concentration

MULTIPLE MODES

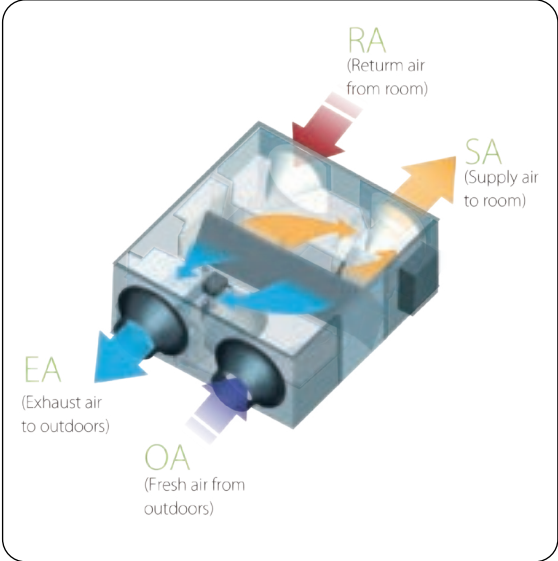
Heat Exchange Mode: The flows of incoming and outgoing air pass close to each other, allowing heat transfer between the two channels. During summer, incoming air is cooled by the indoor air being exhausted and in winter, incoming air is warmed.

Bypass Mode: Supply and exhaust fans run at the same speed. In mild climates, where temperature and humidity differences between indoor and outdoor are small, the HRV can work as a conventional ventilation fan.

Air Supply Mode: Supply fan runs faster than exhaust fan. A mode suitable in mild climate installations with fresh air ventilation requirements.

Exhaust Mode: Exhaust fan runs faster than supply fan. A mode suitable in mild climate installations with large amounts of exhaust air to be expelled.

Auto Mode: The controller chooses heat exchange mode or bypass mode according to temperature difference between outdoors and indoors. Both fans run at low speed.



Energy saving, heat recovery for both heat and humidity



VRF HEAT RECOVERY VENTILATION

MODEL		HRV-D200(C)	HRV-D300(C)	HRV-D400(C)	HRV-D500(C)
Power supply	V-Ph-Hz	220-240V/1Ph,50Hz			
Recommended Fuse Size	A	5	5	5	5
Interconnecting Wiring	No.	2 Core Screened 0.75mm²			
Nominal Temperature Efficiency	%	81.8/85.4/87.5	80.4/81.8/83.5	79.2/81.1/83.3	77.2/79.4/82.5
Nominal Enthalpy Efficiency	%	81.2/83.1/85.0	79.4/81.2/84.0	79.6/81.8/84.2	72.3/75.6/78.6
Filter Type		F7&M5 High Efficiency			
Current	A	0.64	0.84	0.97	1.2
Fresh air external static pressure (High Speed)	Pa	75	70	70	65
Discharge air external static pressure (High Speed)	Pa	100	110	110	110
Nominal air flow	m3/h	200	300	400	500
Sound pressure level (H/M/L)	dB(A)	33/29.5/25.5	36.5/33.5/30	36.5/32/28	36/30.5/24.5
Net Dimensions (LxWxH)	mm	1195x784x272	1195x898x272	1276x1189x272	1311x1090x390
Packing size (LxWxH)	mm	1275x880x420	1275x994x420	1360x1284x420	1390x1244x540
Net/Gross weight	kg	51/68	57/74	72/92	62/85
Fresh Air Connection Size	mm	Ø144	Ø144	Ø198	Ø244
Air drop	Pa	52	179	218	357
Operating temperature range	°C	-7~43DB, 80%RH or less			
PRICE		1172	1568	1784	1980

MODEL		HRV-D800(C)	HRV-D1000(C)	HRV-D1500(C)	HRV-D2000(C)
Power supply	V-Ph-Hz	220-240V/1Ph,50Hz			
Recommended Fuse Size	A	5	10	10	10
Interconnecting Wiring	No.	2 Core Screened 0.75mm²			
Nominal Temperature Efficiency	%	74.9/77.1/80.8	75.4/78.0/81.4	83.8/84.6/86.2	78.8/80.5/83.4
Nominal Enthalpy Efficiency	%	71.1/74.4/78.0	67.3/71.1/75.0	74.6/76.2/78.8	71.1/75.0/79.6
Filter Type		F7&M5 High Efficiency			
Current	A	2.4	2.9	3.8	5.7
Fresh air external static pressure (High Speed)	Pa	100	110	150	160
Discharge air external static pressure (High Speed)	Pa	155	145	180	180
Nominal air flow	m3/h	800	1000	1500	2000
Sound pressure level (H/M/L)	dB(A)	42/39/34	44/39/33.5	51.5/46.5/41.5	53/48.5/42.5
Net Dimensions (LxWxH)	mm	1311x1270x390	1311x1510x390	1740x1344x615	1811x1545x685
Packing size (LxWxH)	mm	1390x1424x540	1390x1670x540	1830x1520x770	1900x1720x845
Net/Gross weight	kg	77/101	85/112	168/200	195/235
Fresh Air diameter	mm	Ø244	Ø244	346×326	346×326
Air drop	Pa	357	384	253	322
Operating temperature range	°C	-7~43DB, 80%RH or less			
PRICE		2722	3332	4754	5120

For the units model of HRV-D200-HRV-D2000, there are 3-speed adjustable air-volume (Hi, Med, Low). All the parameters is measured at the high speed air-volume.
Sound Pressure is measured 1.5m below the air-outlet at Nominal Efficiency is measured under the following conditions:
* Cooling: air exhaust temp 27°C DB, 19.5°C WB; fresh air temp. 35°C DB, 28°C WB.
* Heating: air exhaust temp 21°C DB, 13°C WB; fresh air temp. 5°C DB, 2°C WB.

DATA IS SUBJECT TO CHANGE, SCAN THE QR CODE FOR MOST RECENT PRODUCT INFORMATION

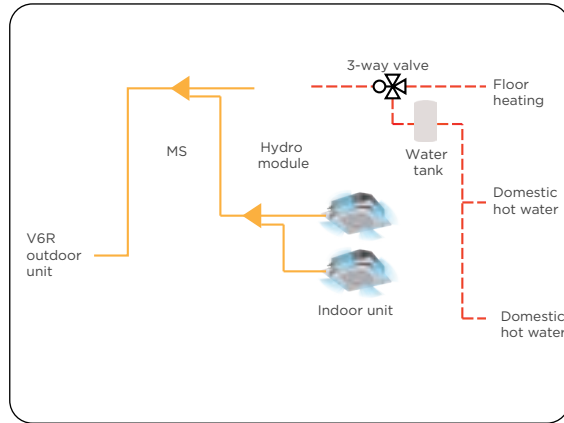
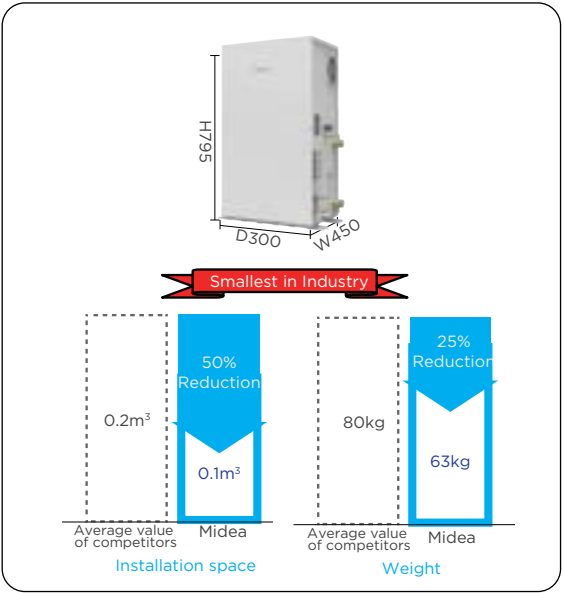
VRF HYDROMODULE



SMALLEST VOLUME AND WEIGHT IN THE INDUSTRY
The new high temperature hydro module is compact and light to install, it has the smallest volume and weight in the industry.

HOT WATER SUPPLY
The V6R outdoor unit can connect to Midea's high temperature hydro module to produce hot water from 25°C to 80°C achieving space cooling/heating and hot water simultaneously. The hydromodule can also be used for both underfloor heating and domestic hot water.

“FREE” HOT WATER PRODUCTION
The energy efficiency is maximised by diverting the heat that is removed from the indoor units during the cooling process to areas requiring heating to achieve “free” hot water production.



VRF HYDROMODULE

MODEL			SMK-D140HN1-3
Power Supply	V-Ph-Hz	220-240V,1Ph,50Hz	
Recommended Fuse Size	A	20	
Interconnecting Wiring	No.	2/3 Core Screened 0.75mm2 (V6R Heat Recovery Only)	
Rated Heating CapacityWater outlet : 45°C, inlet 40°C (Water outlet : 45°C, inlet 40°C / Outdoor air : 7°C DB / 6°C WB)		kW	14
Design Pressure	Allowed Water Pressure	MPa	0.1-0.3
	R410a		4
Heating Operation Range	Ambient, Min	°C	-20
	Ambient, Max	°C	30
	Water Side, Min	°C	25
	Water Side, Max	°C	80
Domestic Hot Water Operation Range	Ambient, Min	°C	-20
	Ambient, Max	°C	43
	Water Side, Min	°C	25
	Water Side, Max	°C	80
Water Flow Rate	Minimum	m3/hr	1.2
	Nominal	m3/hr	2.4
	Maximum	m3/hr	2.9
Sound Pressure	Nominal	dB(A)	43
Dimensions	Net Dimensions (WxHxD)	mm	450x795x300
	Packing Dimensions (WxHxD)	mm	735x820x385
	Net/gross Weight	kg	63 / 71
Refrigerant Pipe	Liquid/Gas Pipe	mm(inch)	Ø9.53/Ø12.7 (3/8/ 1/2)
Water Pipe	Connection Type		External Thread
	Inlet	mm	Ø25.4
	Outlet	mm	Ø25.4
PRICE			5750

Heating Capacity Rated Conditions: Water outlet: 45°C, inlet 40°C
Outdoor air : 7°C DB / 6°C WB Outdoor Temperature: 7°CDB/6°CWB.
DATA IS SUBJECT TO CHANGE, SCAN THE QR CODE FOR MOST RECENT PRODUCT INFORMATION

VRF DX INTERFACE



Did you know?
You can scan me to
download a product
sales leaflet.



HIGH FLEXIBILITY WITH CAPACITY ADJUSTMENT

Available in five basic sizes which can be optimally adjusted. Cooling: 9 – 90kW & Heating 10 – 90kW.

FLEXIBLE CONTROLS

Can be controlled via standard Midea controller or 3rd Party controller via 0-10VDC.

WIDE APPLICATION RANGE

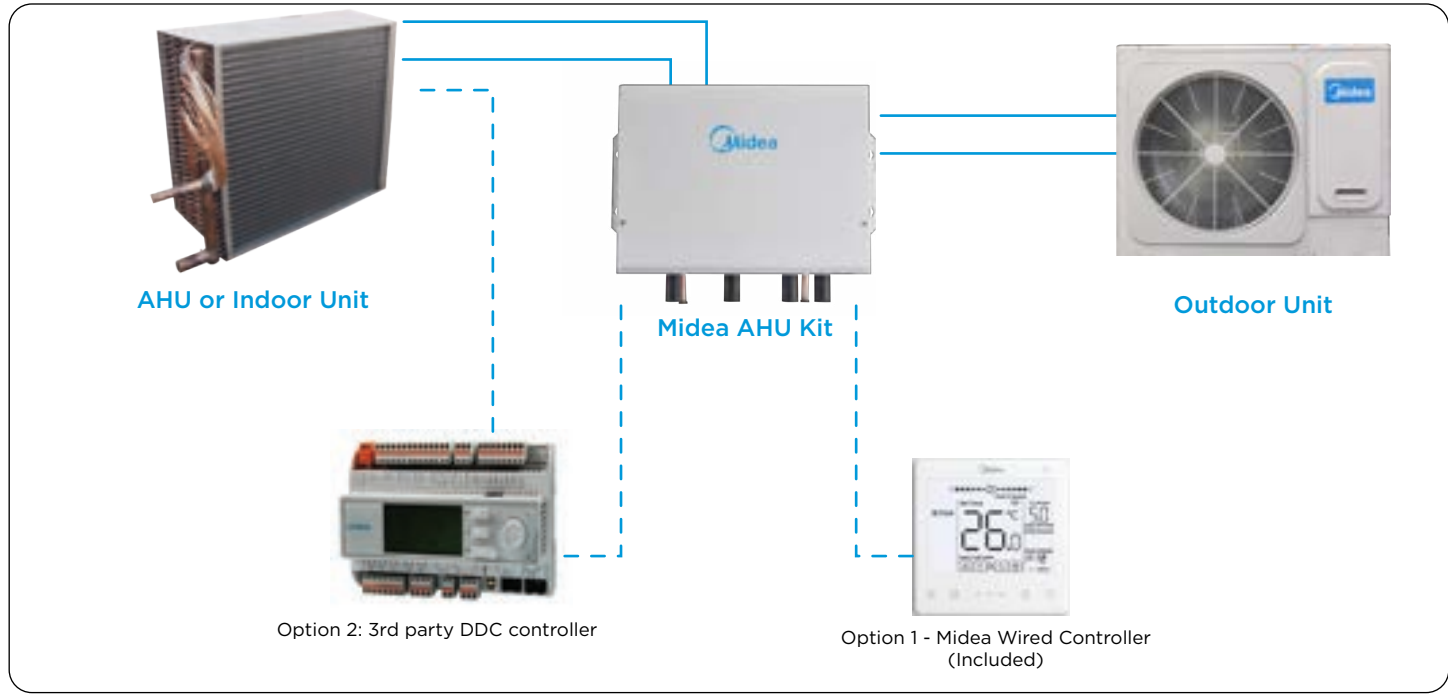
Up to 61.5 kW available from a single sideflow outdoor unit, or 90kW from a top discharge outdoor.

LED MOUNTED DISPLAY

Built in display for easy trouble-shooting.

FLEXIBLE INSTALLATION

Can be installed with both Heat Pump & Heat Recovery VRF.



VRF DX INTERFACE

MODEL		AHUKZ-00F	AHUKZ-01F	AHUKZ-02F	AHUKZ-03F	AHUKZ-04F
Power Supply	V-Ph-Hz	220-240V,1Ph,50Hz				
Recommended Fuse Size	A	5	5	5	5	5
Interconnecting Wiring	No.	2 / 3 Core Screened 0.75mm ²				
Capacity	kW	2.2-9	9-20	20-36	36-56	56-168
IP CLASS		IPX4	IPX4	IPX4	IPX4	IPX4
Net Dimensions (WxHxD)	mm	479x384x134				
Packing Dimensions (WxHxD)	mm	565x470x220				
Net/Gross Weight	kg	6.2/8.8	6.2/8.8	6.4/9.0	6.4/9.0	6.6/9.2
Piping Connections	Inlet Pipe	mm(inch)	Ø9.53 (3/8)	Ø9.53 (3/8)	Ø12.7 (1/2)	Ø12.7 (1/2)
	Outlet Pipe	mm(inch)	Ø9.53 (3/8)	Ø9.53 (3/8)	Ø12.7 (1/2)	Ø12.7 (1/2)
PRICE		922	1164	1408	1668	1850

MODEL	Dip Set Capacity	Cooling Capacity Design Range (kW)		Heating Capacity Design Range (kW)		Heat Exchanger Copper Tube Internal Volume (cm ³)		Return Air Temperature Control		h) Supply Air Temperature Control	
	Index (HP)	Minimum	Maximum	Minimum	Maximum	Minimum	Maximum	Minimum	Maximum	Minimum	Maximum
AHUKZ-00F	0.8	1.8	2.8	2.2	3.2	450	670	358	493	179	269
	1	2.8	3.6	3.2	4	560	840	448	616	224	336
	1.2	3.6	4.5	4	5	670	1000	538	739	269	403
	1.7	4.5	5.6	5	6.3	950	1420	762	1047	381	571
	2	5.6	7.1	6.3	8	1120	1670	896	1232	448	672
	2.5	7.1	8	8	9	1400	2090	1120	1540	560	840
AHUKZ-01F	3	8	9	9	10	1670	2510	1344	1848	672	1008
	3.2	9	10	10	11.2	1790	2680	1434	1971	717	1075
	3.6	10	11.2	11.2	12.5	2010	3010	1613	2218	860	1210
	4	11.2	14	12.5	16	2230	3350	1792	2464	896	1344
	5	14	16	16	18	2790	1490	2240	3080	1120	1680
	6	16	18	18	20	3350	5020	2688	3696	1344	2016
AHUKZ-02F	6.5	18	20	20	22	3880	5660	2912	4004	1456	2184
	7	20	22	22	25	4420	6310	3136	4312	1568	2352
	8	22	25	25	30	5490	7600	3584	4928	1792	2688
	10	25	30	30	36	6070	8380	4480	6160	2240	3360
AHUKZ-03F	12	30	36	36	40	6200	10050	5376	7392	2688	4032
	14	36	40	40	45	7750	11730	6272	8624	3136	4704
	16	40	45	45	50	7850	13400	7168	9856	3584	5376
	18	45	50	50	56	9020	15080	8064	11088	4032	6048
AHUKZ-04F	20	50	56	56	62	10550	16750	8960	12320	4480	6720
	22	56	62	62	68	12230	19260	10400	14300	5200	7800
	24	62	68	68	73	13700	20940	11200	15400	5600	8400
	26	68	73	73	78	13940	22610	12160	16720	6080	9120
	28	73	78	78	84	16510	24780	12800	17600	6400	9600
	30	78	84	84	90	18385	25790	13440	18480	6800	10200
	32	84	90	90	95	20260	26800	14400	19800	7200	10800

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.

DATA IS SUBJECT TO CHANGE, SCAN THE QR CODE FOR MOST RECENT PRODUCT INFORMATION

AIR TO WATER HEAT PUMPS



M Thermal provides an energy efficient solution that delivers space heating and domestic hot water. It is a complete all-year-round, integrated heating system which can replace, or work in synergy with traditional gas or oil boilers.

WIDE OPERATION RANGE

R32 available in single phase capacities of 4 kW - 16 kW, or three phase capacities of 12 kW to 30 kW.

R290 Available in single phase capacities of 4 kW - 16 kW, or three phase capacities of 12 kW to 16 kW.

DOMESTIC HOT WATER AND UNDERFLOOR HEATING

The M Thermal can provide domestic hot water (up to 65°C for R32 / 75°C for R290) and underfloor heating, improving room comfort.

PERFECT FOR SMALL SPACES

The M Thermal is designed for installation in any type of property, especially homes with limited space.

Being a compact system with a single unit installed outdoors means the available space indoors remains unchanged.

PERFORMANCE

A+++ ErP Energy Rating

Efficient heating capacity even when at -7°C air temperature. Maintains continuous hot water supply with outdoor temperatures as low as -20°C

EASY INSTALLATION & MAINTENANCE

All functions are achieved with a single outdoor unit, bringing significant cost savings. Furthermore, installation is quicker and easier as there is no need for refrigerant piping, and the product is pre-charged at the factory.

Two-door design for easy access to internal components for easy maintenance.

QUIET OPERATION

The M Thermal produces 35D dB(A) sound pressure level at 3 meters.

ENERGY MONITORING AS STANDARD

Energy consumption data for running cost analysis.

INTUITIVE CONTROL

The remote controller can be used for daily and weekly programming, managing water production temperature, operating modes, etc. It also has built-in Wi-Fi as standard which can connect to the 'ICONNECT SMART HOME APP'. The unit can be controlled via the App and energy consumption can be viewed along with energy-saving suggestions.



M THERMAL R290 MONOBLOC AIR TO WATER HEAT PUMP

MODEL	POWER SUPPLY (V/Ph/Hz)	OUTPUT -2 / 50	DIMENSIONS (mm)			SCOP/CLASS		WEIGHT (Kg)	RECOMMENDED FUSE SIZE (Amps)	SOUND PRESSURE (1m - In front)	REFRIGERANT
			W	H	D	35°C	50°C				
MHC-V4W/D2N7	220-240/1/50	4.4	1299	717	426	5.07/A+++	3.79/A+++	90	16	44	R290
MHC-V6W/D2N7	220-240/1/50	5.8	1299	717	426	4.89/A+++	3.82/A+++	90	16	46	R290
MHC-V8W/D2N7	220-240/1/50	7.8	1385	865	523	5.19/A+++	3.82/A+++	117	20	48	R290
MHC-V10W/DN7	220-240/1/50	8.4	1385	865	523	5.07/A+++	3.82/A+++	117	20	49	R290
MHC-V12W/D2N7	220-240/1/50	11.3	1385	865	523	4.67/A+++	3.62/A+++	135	32	51	R290
MHC-V14W/D2N7	220-240/1/50	12	1385	865	523	4.63/A+++	3.61/A+++	135	32	52	R290
MHC-V16W/D2N7	220-240/1/50	13.1	1385	865	523	4.59/A+++	3.57/A+++	135	32	56	R290
MHC-V12W/D2RN7	380-415/3/50	11.3	1385	865	523	4.67/A+++	3.62/A+++	137	16	51	R290
MHC-V14W/D2RN7	380-415/3/50	12	1385	865	523	4.63/A+++	3.61/A+++	137	16	52	R290
MHC-V16W/D2RN7	380-415/3/50	13.1	1385	865	523	4.59/A+++	3.57/A+++	137	16	56	R290
PRICE ON APPLICATION											

M THERMAL R32 MONOBLOC AIR TO WATER HEAT PUMP

MODEL	POWER SUPPLY (V/Ph/Hz)	OUTPUT -2 / 50	DIMENSIONS (mm)			SCOP/CLASS		WEIGHT (Kg)	RECOMMENDED FUSE SIZE (Amps)	SOUND PRESSURE (1m - In front)	REFRIGERANT
			W	H	D	35°C	50°C				
MHC-V4W/D2N8-B	220-240/1/50	4.2	1295	718	429	4.85/ A+++	3.31/ A++	86	16	45	R32
MHC-V6W/D2N8-B	220-240/1/50	5.7	1295	718	429	4.95/ A+++	3.52/ A++	86	16	47.5	R32
MHC-V8W/D2N8-B	220-240/1/50	7.3	1385	865	526	5.22/ A+++	3.37/ A++	105	20	48.5	R32
MHC-V10W/D2N8-B	220-240/1/50	8	1385	865	526	5.2/ A+++	3.47/ A++	105	20	50.5	R32
MHC-V12W/D2N8-B	220-240/1/50	11	1385	865	526	4.81/ A+++	3.45/ A++	129	32	53	R32
MHC-V14W/D2N8-B	220-240/1/50	11.4	1385	865	526	4.72/ A+++	3.47/ A++	129	32	53.5	R32
MHC-V16W/D2N8-B	220-240/1/50	13	1385	865	526	4.62/ A+++	3.41/ A++	129	32	57.5	R32
MHC-V12W/D2RN8-B	380-415/3/50	11	1385	865	526	4.81/ A+++	3.45/ A++	144	16	53.5	R32
MHC-V14W/D2RN8-B	380-415/3/50	11.4	1385	865	526	4.72/ A+++	3.47/ A++	144	16	54	R32
MHC-V16W/D2RN8-B	380-415/3/50	13	1385	865	526	4.62/ A+++	3.41/ A++	144	16	58	R32
MHC-V18W/D2RN8	380-415/3/50	13.9	1129	1558	528	4.60/ A+++	3.20/ A++	177	25	57.6	R32
MHC-V22W/D2RN8	380-415/3/50	18.57	1129	1558	528	4.53/ A+++	3.23/ A++	177	25	59.8	R32
MHC-V26W/D2RN8	380-415/3/50	23.01	1129	1558	528	4.50/ A+++	3.15/ A+	177	32	61.5	R32
MHC-V30W/D2RN8	380-415/3/50	27.9	1129	1558	528	4.20/ A++		177	32	63.5	R32
PRICE ON APPLICATION											

DATA IS SUBJECT TO CHANGE, SCAN THE QR CODE FOR MOST RECENT PRODUCT INFORMATION

AQUA THERMAL SUPER SERIES CHILLER



MODULAR DESIGN

Multiple modules can be installed together for large capacity installations (units can be added on later for extensions to services).

SPACE SAVING AND SIMPLIFIED INSTALLATION

Single unit covers an area of 1.92m², saving alot of space for group control. The hydraulic model has the water pump components inside the unit, which can make the installation easier and therefore save time and money.

BACK UP FUNCTION

In a combination system, if one unit fails, other units can be used for back up and continued operation.

DUTY CYCLE OPERATION

In combination systems, all units operate in cycles of duty to keep equal running time, allowing higher stability, better reliability and longer lifespan.

THREE USER LEVELS

Three user levels ensure end users can easily access control functions and allow engineers convenient access to operating parameters.

GROUP CONTROL FOR UP TO 16 UNITS WITH ONE WIRED CONTROLLER

Each unit can connect with one controller for setting and one controller for monitoring.

WIDE OPERATION TEMPERATURE RANGE

For heating:-25°C-43°C(ambient); 25°C-65°C(leaving water);
For cooling: -15°C-48°C(ambient); 0°C-20°C(leaving water)



Wide operation range: -20°C-48°C



Outlet water temperature: 0-48°C



65kW/110kW

AQUA THERMAL SUPER SERIES CHILLER

MODEL			MH-SU65M-RN8L	MH-SU110M-RN8L
Power Supply		V-Ph-Hz	380-415V, 3Ph, 50Hz	
Cooling(A35W7)	Capacity	kW	56.68	99.33
	EER		2.86	2.91
Cooling(A35W18)	Capacity	kW	75.3	127.26
	EER		3.4	3.58
SEER			4.92	4.78
Heating(A7W65)	Capacity	kW	60.1	100.12
	COP		2.29	2.31
Heating(A7W55)	Capacity	kW	64.15	106.32
	COP		2.96	2.97
Heating(A7W45)	Capacity	kW	65.65	110.67
	COP		3.38	3.55
Heating(A7W35)	Capacity	kW	64.65	113.14
	COP		3.95	3.97
SCOP(55)average			3.36	3.23
SCOP(35)average			4.47	4.23
Air flow rate		m ³ /h	22000	32500
Water side heat exchanger	Type		Plate heat exchanger	Plat heat exchanger
	Head of delivery	m	23	18
	Volume	L	5.17	11.1
	Rated Waterr Flow (Cooling)	m ³ /hr	9.8	17.2
	Rated Water Flow (Heating)	m ³ /hr	11.2	18.9
	Water Flow Range	m ³ /hr	3-14	5-26
Refrigerant	Type		R32	R32
	Charge	Kg	9	15.5
Sound pressure level (A7W45)			64	64
Silent mode sound power level(A7W45)			77	75
Net Dimensions (WxHxD)		mm	2000x1770x960	2220×2300×1135
Packed Dimensions (WxHxD)		mm	2085x1890x1030	2250×2445×1180
Net Weight		Kg	475	746
Gross Weight		Kg	490	767
Water Pipe Connection		mm	DN50	DN50
Ambient Temperature Range	Cooling	°C	-15 to 48	
	Heating	°C	-25 to 43	
	DHW	°C	-20 to 43	
Water Outlet Temperature Range	Cooling	°C	0 to 20	
	Heating	°C	25 to 65	
	DHW (Heat Pump)	°C	30 to 62	
	DHW	°C	30 to 70	
PRICE			PRICE ON APPLICATION	

DATA IS SUBJECT TO CHANGE, SCAN THE QR CODE FOR MOST RECENT PRODUCT INFORMATION

MI PRO PARTNERSHIP SCHEME



WHAT IS A MI PRO PARTNER?

All Mi Pro Partners are certified FGAS companies who believe in the core values of protecting our industry when installing Midea products.

- Proven understanding of our products on-site and via training
- Primarily, all Mi Pro Partners are certified FGAS companies
- Proven responsibility in delivering long-term care of our products.

WHAT ARE THE BENEFITS?

The ultimate goal for our game changing Mi Pro Partnership programme is to help our customers win more business in a way that responsibly takes care of our products and therefore the Midea brand. In addition to offering their customers a 10 year warranty, qualified Mi Pro Partners can earn more by ensuring their customer understands that the best way of retaining equipment performance, reduced risk of failure and optimum efficiency is for preventive maintenance.

The reward for both the end user and the installer is an extended warranty for every year a maintenance is recorded on our Mi Pro Portal, up to 10 years.

This gives Midea Mi Pro Partners the opportunity to win maintenance contracts for every year the end user wishes to extend their warranty, up to 10 years.

HOW DOES MY BUSINESS QUALIFY?

Qualification is simple, rewarding, achievable and FREE

- Validate your FGAS engineers on the Mi Care Portal
- Participate in FREE training at one of our game changing training academies, online or on site*
- Register at least 10 installations for warranty using the Mi Care Portal

*Free on-site training is available (VRF projects only, terms apply)

MI PRO PARTNER WARRANTY

Warranty is extended for every year that a product maintenance is registered by the original Mi Pro installer. This can be up to 10 years on all products.

STANDARD WARRANTY

Warranty is extended for every year that a product maintenance is registered on our Mi Care Portal by an installer. This can be up to 5 years on all products.

MI PRO PARTNER BENEFITS

UP TO 10 YEAR ZERO QUIBBLE WARRANTY**
Increase the standard of installation and long term care of our products by offering the industry's first 10 year warranty**

ACCESS TO MI CARE PORTAL ACCOUNT

All Mi Pro Partners have access to their own unique Mi Care Portal account which logs all systems which have been purchased. The Mi Care Portal highlights annual Mi Care service dates with the option to set annual customer reminder emails to book a Mi Care visit in order to maintain the warranty cover. The portal can also send service sheets via email all at the touch of a button. It's easy to view Mi Care credit via the portal and calculate discount claims off future orders.

MI CARE CREDIT

Midea is offering a Mi Care Credit* of up to £150 per system on the successful registration of a first years service visit on the Midea Mi Care Portal.

MI PRO INSTALLER MAINTENANCE WARRANTY TERMS

There is no one better at taking care of the long-term maintenance of a Midea product than a Mi Pro partner.

PERIODIC PROOF OF MAINTENANCE

We encourage all end users to correctly take care of equipment by meeting the terms of warranty.

NEXT DAY SPARE PARTS WITH TIME CRITICAL LABOUR CONTRIBUTION

We provide the market's fastest response times and limit end user down time.

FREE ANNUAL TRAINING AND CERTIFICATE OF ACCREDITATION

We support our partners to stay up to date with all new products and industry qualifications.

FREE COMMISSIONING SUPPORT

At the installation of a Mi Pro Partners first Midea VRF project we will attend site and commission the system free of charge alongside the project engineers. This is an ideal opportunity to train our Mi Pro Partners on-site using equipment they have installed.



"To support our Mi Pro partners to offer the best possible maintenance and warranty to their customers, we reward our partners who correctly register their installation and maintenance with Mi Care Credit."

MI CARE SERVICE VISITS

Helping you to win more business whilst encouraging the long term care of Midea products.

Annual Mi Care service visits are important for product efficiency and reliability and encourage the end user to maintain Midea products every year to keep their warranty valid.

Mi Pro Partners receive a 10 year warranty on ALL products - to validate this warranty a minimum of one Mi Care service visit must be recorded by the Mi Pro Partner (original installer) via the Midea Mi Care Portal once per year. This gives Midea Mi Pro partners the opportunity to win maintenance contracts of up to 10 years.

Midea is offering a Mi Care Credit* of up to £150 per system on the successful registration of a first years service visit on the Midea Mi Pro Portal.

MI CARE CREDIT

MI CARE CREDIT	SYSTEMS COVERED
£30	Wall mounted split systems
£60	All other split systems
£100	VRF systems under 45kw
£150	VRF systems 45kw and above

All service contributions are displayed as Mi Care Credit when logged into the Mi Care Portal. Mi Care Credit can be used by Mi Pro Partners on future discount only* and will be available for use immediately but no sooner than the first service visit one year after installation.

*A minimum of £100 Mi Care credit is required to redeem future discount.



QUICK DEMO

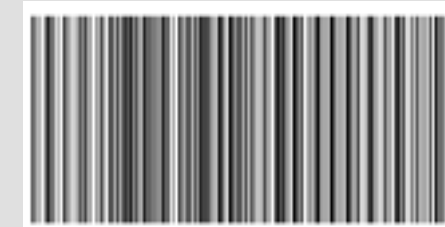
STEP 1. REGISTER TO USE OUR PORTAL

Scan the QR Code or visit www.warranty/mideauk.co.uk



Register to connect your installation engineers to your company FGAS account.

STEP 2. SCAN OUTDOOR UNIT SERIAL NO



During installation this will be the unique serial number for each outdoor unit.

STEP 3. CONFIRM FGAS INSTALL

By confirming you have installed equipment to FGAS requirements and our recommendations, your registration is complete.

FUTURE STEPS (EARN & REPEAT)

Follow these simple steps again during periodic Mi Care Service visits to achieve up to a 10 year warranty.**

REMEMBER: you can claim up to £150 Mi Care Credit* on 1st year Mi Care registered service visits.

*Credit can be used on future orders.

**Warranty will be void if the maintenance is not registered annually.

WARRANTY



Did you know?
You can scan me to
register your products
for warranty.



REGISTER YOUR PRODUCTS ONLINE

warranty.mideauk.co.uk

To validate the warranty of Midea products you must register the installation online.

Using the Mi Care Portal, simply scan the serial number barcode on the outdoor unit to register your installation online or register via email to warranty@mideauk.co.uk.

Alternatively, Mi Pro Partners can upload an original commissioning sheet for registration and subsequent service sheets each year thereafter for initial validation and continuation of warranty.

Registering at least one Mi Care service visit every consecutive year will provide the end user with a full term warranty. For Mi Pro Partners this can be up to 10 years*.



STEP 1

USING THE MI PRO PORTAL APP, SCAN THE SERIAL NUMBER BARCODE ON THE OUTDOOR UNIT OR VISIT WARRANTY.MIDEAUK.CO.UK TO REGISTER THE WARRANTY ONLINE. DO NOT FORGET YOUR FGAS NUMBER.



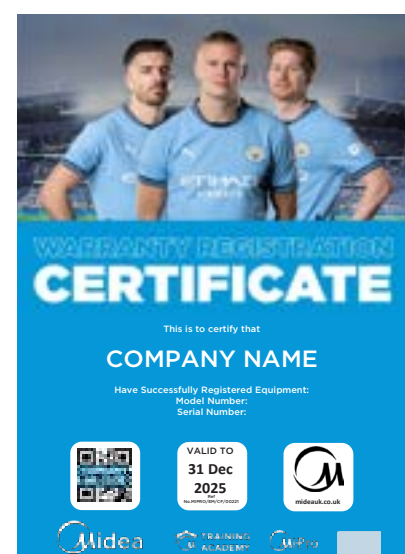
STEP 2

REGISTER ONE SERVICE VISIT EVERY CONSECUTIVE YEAR TO PROVIDE FULL TERM END USER WARRANTY.



STEP 3

ACHIEVE A MAINTENANCE CONTRACT FOR UP TO 10 YEARS & COLLECT MI CARE CREDIT.



MAKING A CLAIM

In the unlikely event you need to claim a spare part to repair a Midea product please follow this simple procedure:

1. Contact the Midea UK & Ireland technical department to ensure we help you correctly diagnose the fault and agree on the required spare part.
2. Ensure your equipment has at least 1 Mi Care service visit registration within the last 12 months.
3. On confirmation of the above our support team will send you a completed warranty claim form, once you verify the details are correct, we will dispatch the spare part.

We are so confident in the reliability of our products that we are offering all our Mi Pro installation partners an “industry first” 10 year warranty.

WARRANTY TERMS

warranty.mideauk.co.uk

Every precaution has been taken during the design and manufacture of Midea equipment to ensure the products conform to the highest standards. The confidence in the products reliability is evident by offering the industry's first 10 year warranty* to Mi Pro installation partners who correctly maintain our products.

In the unlikely event of a warranty fault, the following sets out the current Midea warranty policy:

1.0 Warranty provides:

- a. Replacement parts from the recorded date of equipment delivery for up to 10 years*.
- b. i) Matched pairs only split systems (RAC wall mounted units up to 10 years*).
ii) Multi-split systems, standard combinations only (up to 10 years*).
iii) VRF (all types, standard combinations only).
iv) Commercial split (standard combinations only).

2.0 Warranty includes:

Guarantee against manufacturing faults and materials within the 10 year warranty period*. The replacement parts will be supplied free of charge. A fixed labour allowance will be provided by Midea UK & Ireland for up to 10 years dependant on Mi Pro installer status and product warranty registration.

3.0 Full term warranty policy will be void if system failure is caused by:

- i) Non-Midea parts fitted.
- ii) Incorrect installation, incorrect application, inadequate or incorrectly executed commissioning.
- iii) Neglect, accidental and/or deliberate misuse, normal wear and tear.
- iv) Failure to periodically register equipment maintenance with Midea UK & Ireland.
- v) Any unauthorised alterations to original products or installation without approval from Midea UK & Ireland.
- vi) Equipment working outside of stated operating limits.
- vii) Maintenance carried out by anyone other than the original installer (unless agreed to do so with Midea UK).

4.0 Warranty will only be given on products supplied under the official distribution licence of Midea UK & Ireland.

5.0 Procedure:

- i) Any faulty parts must be diagnosed from site whilst liaising with a member of the Midea UK technical support team or one of our approved distributors. Faulty parts must be retained by the client and if requested returned to Midea UK & Ireland.
- ii) Midea UK & Ireland receives the requested documentation regarding replacement parts.
- iii) If approved, replacement parts are shipped to the client's required address on an agreed date.
- iv) Any claim made on equipment that does not have proof of periodic maintenance WILL NOT be considered. Under these circumstances, a separate parts purchase order will be required.**
- v) Fixed labour allowances will only be paid to Mi Pro Partners and only on confirmation that system operation was achieved within 72 hours of replacement part delivery. Labour allowances must be claimed for separately.
- vi) Midea UK & Ireland may require evidence of checks being carried out and the resulting data.
- vii) Failure to pay for equipment invalidates all warranty.
- viii) Midea UK & Ireland reserves the right to update/modify this warranty and its T&Cs at any time.

* Warranty terms dependent on Mi Pro installer status and annual qualification.

**Failure to register an installation and then at least one of your maintenance visits each consecutive year will result in all warranties and Mi Care credit being void.

If you take care of our products and something goes wrong then we want you to remember this unlikely event for how quickly we made it right. Our aim is to provide the simplest, fastest and most economical means of repair in the industry

MI TRAINING



GAME CHANGING TRAINING ACADEMIES



NORTH EAST

In 2017, our North East training academy opened at our offices in Newcastle-upon-Tyne. Customers can benefit from training on fully operational products at the hub of the Midea Cooling & Heating team. Courses are held at our North East Academy on request.



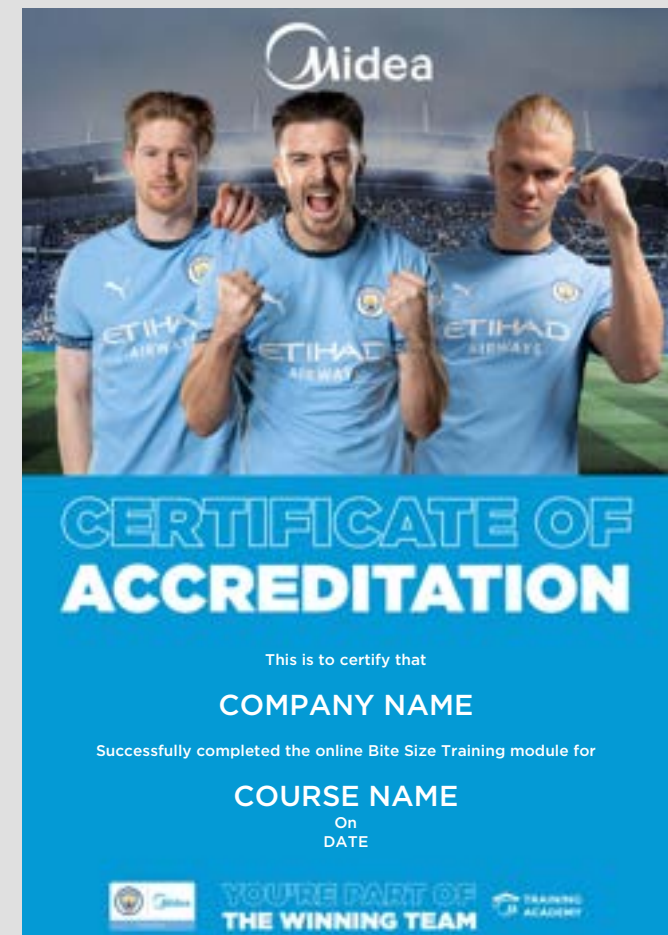
MIDLANDS

Our Midlands training academy is located in the Coventry Building Society Area, which is also the home of Coventry City Football Club. Situated in the heart of the UK, our brand new facility is equipped with our latest fully operational products. Courses are held once a month and exclusive training is available on request.



Available Modules

- VRF systems
- Split systems
- Heat Pumps commissioning
- Controllers - wiring & connectivity



DEVELOP YOUR PRODUCT KNOWLEDGE AND TECHNICAL EXPERTISE

Our two purpose built training academies have been developed to enhance the technical excellence of our partners and installers.

We've created relevant and practical course content that tracks the latest industry developments.

All our courses are carried out on fully operational Midea air conditioning and MCS-approved heating products and delivered by experienced professionals who understand what it takes to get the job done.

ARE YOU HUNGRY TO LEARN?

We would love you to visit one of our game changing training academies but we realise it is not always possible so, we've created a series of bite-sized online training modules, helping you enhance your knowledge and skills from the comfort of your own home or office.

Sessions take place on Friday afternoons, we'll even help you celebrate passing your course module with a free Friday night feast.

Register your place via training@mideauk.co.uk



SCAN FOR COURSE DATES

MIDEA OFFERS FREE ONSITE PARKING, REFRESHMENTS AND CATERING ACROSS ALL OF OUR TRAINING ACADEMIES



MIDEA AWARDS



The Midea Awards is an incredible event not to be missed! The awards are unique in the HVAC industry – recognising Mi Pro Partners who have made a remarkable impact throughout the year. It's also an opportunity to thank our customers and their teams for continuing to be a part of Midea's success story in the UK and Ireland.

There are no sponsors or paid for submissions - all awards are nominated by Midea and their distribution partners, so you know all the winners on the night have delivered genuine, outstanding service.



MIDEA AWARDS



We celebrate the evening with 14 categories – including a Special Recognition award.

MIDEA AWARDS CATERGORIES

- NEW MIDEA INSTALLER
- NEW MI PRO PARTNER
- BEST INSTALLATION - RAC
- BEST INSTALLATION - VRF
- BEST INSTALLATION - HEAT PUMPS
- HVAC PROJECT OF THE YEAR
- SPECIAL RECOGNITION AWARD
- BRAND IMPACT AWARD
- MI PRO PARTNER OF THE YEAR - RAC
- MI PRO PARTNER OF THE YEAR - VRF
- MI PRO PARTNER OF THE YEAR - HEAT PUMPS
- HVAC INSTALLATION OF THE YEAR
- MI PRO PARTNER OF THE YEAR - IRELAND
- MI PRO PARTNER OF THE YEAR - UK

Invitations to the event, held in November each year, are exclusively for our distributors and our most loyal Mi Pro Partners. To secure your place at the Midea Awards 2024 make sure you maintain your Mi Pro status by registering all your installations and service visits on the Midea Mi Pro Portal.



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.



Intelligent Cool
The coanda deflector in conjunction with humidity and close temperature control offer market leading levels of comfort cooling.



360o 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.



Humidity Control
Smart technology detects humidity levels and adjusts cool airflow to the desired level.



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 17oC.



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.



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.

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 SmartHome 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.



Twin Combination
The units can be installed as a twin system (one outdoor with two indoors) to split the duty of the system to a wider space.



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.



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.



Built-in Drain Pump
The inbuilt drain pump can lift condensing water up to 750mm.



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.



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

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.



Bill Control
Using the SmartHome app the end user can monitor and restrict energy usage for the units based on their own budget.



GA Steplless 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.



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.

TERMS AND CONDITIONS

THE FOLLOWING DOCUMENT SETS OUT THE MIDEA UK & IRELAND TERMS AND CONDITIONS OF SALE INTERPRETATION:

- “FG Europe” means ourselves: FG Europe UK Limited, registered under company number 10618331 whose registered office is 105 Piccadilly, Mayfair, London, W1J 7NJ.
- “Purchaser” means: the person, firm or company to whom our quotations are addressed to.
- “Goods” denotes the goods to be sold by FG Europe to the Purchaser under the Contract.
- “Contract” denotes the contract of sale hereby formed between FG Europe and the Purchaser who Quotations, Confirmation of Orders, Purchase Orders or Invoice are addressed to.

GENERAL:

- These Terms and Conditions of Sale shall be incorporated into all contracts of sale made by FG Europe UK Ltd for all orders, however made. FG Europe shall not be bound by any terms or conditions in the Purchasers order. If the Purchasers order contains any terms and conditions, then these Terms and Conditions of Sale shall take precedence over such terms and conditions which shall be deemed deleted without notice.
- No amendment of these Conditions shall be included into the contract between FG Europe and the Purchaser unless expressly accepted in writing by a director of FG Europe.
- We reserve the right, at our sole discretion, to modify, adjust or otherwise alter these terms and conditions at any time. Any modifications will become valid immediately.
- These terms and conditions shall be governed by and interpreted in accordance with the laws of England and any dispute shall be referred to the exclusive jurisdiction of the English Courts.

QUOTATIONS & ORDERS

- Unless accepted before validity ends, or withdrawal, or renewal in writing by FG Europe, quotations shall expire automatically after 30 days, but may be withdrawn at any time.
- No quotation by FG Europe shall constitute an offer. There will be no binding contract until FG Europe has accepted the Purchaser's order by dispatching of an official Sales Confirmation.
- FG Europe may prepare quotations where they have been asked to select and size equipment. Selections by FG Europe are recommendations only. Design liability remains with the purchaser of the equipment.
- Orders, once accepted, cannot be cancelled without mutual written agreement, where the Purchaser agrees to indemnify FG Europe for all loss suffered because of cancellation.

PAYMENT:

- If FG Europe has given the Purchaser credit facilities, the payment of the agreed price must be made in within the agreed terms, unless otherwise agreed by FG Europe.
- Any extension of credit allowed for the Buyer may be changed or withdrawn at any time.
- Where no credit has been granted, payment must be made in full prior to delivery. Payment shall be made in full direct to FG Europe in the currency invoiced.
- If the Purchaser fails to pay FG Europe any outstanding sum by the due date, the Purchaser will be liable to pay interest to FG Europe from the due date for payment until the date of actual payment at the rate of 2% above the prevailing base rate.
- If the Purchaser breaches the terms of this contract, defaults on any payment, becomes bankrupt, enters into voluntary or compulsory liquidation or a Receiver or Administrator to be appointed over all or part of the Purchasers assets, then without prejudice to any other rights or remedies FG Europe may terminate the contract without incurring any liability.

SPECIFICATION:

- The description of the Goods shall be as detailed in our quotation.
- We reserve the right to make changes in the specifications of our goods required to ensure they conform to any relevant safety or statutory requirements or, where the Goods are to be supplied to the Purchaser specification, which do not materially affect their quality or performance.
- Except when specifically agreed in writing by FG Europe, all drawings, designs, specifications including dimensions, weights and other information provided by FG Europe are approximate only and FG Europe shall have no liability in respect of any deviation therefrom. Our Suppliers are permitted to modify the technical specifications of the Goods without notice.
- FG Europe shall be under no liability for any errors, omissions or other defects in any drawings, designs or specifications submitted by the purchaser. The Purchaser must ensure goods proposed by FG Europe are in accordance with those drawing, designs and specifications.
- Purchaser agrees to indemnify and keep indemnified FG Europe against claims and liabilities incurred from such errors, omissions or other defects.

PRICES:

- Unless otherwise stated, prices of the Goods shall be exclusive of VAT which will be charged at the rate applying at the time of delivery.
- Unless otherwise stated the price quoted includes for a one off standard next day kerbside delivery in Great Britain and Northern Ireland (excluding Scottish Highlands, Islands and Ireland) by manner of transport chosen by FG Europe. Orders under the value of £/€750 will incur additional charge of £25.
- Delivery via a specific or specialist vehicle (i.e. Hiab Lorry) or outside normal working hours can be provided for an additional cost.
- Special delivery requests such as Pre 10 AM, AM, PM and Timed delivery will incur additional charges.
- FG Europe may, by giving the Purchaser notice prior to delivery, increase the price of the Goods to reflect any increase in the cost of the Goods that is due to:
 - any factor beyond Our control (including foreign exchange fluctuations, increases in taxes and duties, and increases in labour, materials and other manufacturing costs)
 - any request by the Purchaser to change the delivery date(s), quantities or types of Goods ordered, or the specification
 - any delay caused by the Purchaser instructions or failure to give FG Europe adequate or accurate information or instructions.

DELIVERY:

- The scope of supply by FG Europe under the Contract are strictly limited to those specified on the respective quotation or confirmation of order, and no other goods or services are included.
- All delivery times cited are estimates only. FG Europe does not guarantee or warrant that delivery will be made on the delivery date specified.
- A delivery schedule must be agreed with FG Europe prior to placing an order. FG Europe will endeavour to fulfil this schedule. Failure to do so shall not entitle the Purchaser to; cancel order or delivery, retract this contract or to claim for any expenses, loss of profit, or any other resulting loss or damage.
- Delivery shall be considered to have taken place when Goods arrive at the agreed destination.
- If the Purchaser fails to make arrangements for the delivery or FG Europe are unable to deliver because of inadequate access/ no one available to take Goods, then additional charges may be incurred by the Purchaser.
- FG Europe shall be entitled to deliver the Goods in multiple instalments. Each instalment will be treated as a separate contract.
- Unless specifically agreed in writing by FG Europe, all Goods shall be packed in accordance with FG Europe's standard practice. The Purchaser shall meet the costs of any special packaging requested or any packaging rendered necessary by delivery by any means other than FG Europe's standard practice.
- Our logistics provider are employed to allow you enough time to check over the contents of your order, this is to ensure that there has been no damage caused in transit. We are unable to accept any claim for damaged products that are signed for in good condition. Please do not accept or sign for any delivery that you do not have time to check for damages.

RISK & TITLE:

- FG Europe retain title to the goods until they have received payment in full of all sums due in connection with the Contract.
- Risk shall pass to the purchaser on delivery of the Goods.
- The purchaser must examine the goods delivered upon delivery. Any goods missing or received in defective condition must be report in writing to FG Europe within 3 working days from the date of delivery. The Purchaser must then provide the FG Europe reasonable opportunity to inspect any damage or verify any loss and shall immediately return the defective Goods.
- FG Europe will replace or repair defective or missing goods which are proven as soon as reasonably practicable, on the condition that they are returned to FG Europe. Whether the remedy is repair or replacement shall be the decision of FG Europe and will be free of charge.
- FG Europe will not be liable for any claims from loss or damage to the Goods made after delivery.

RETURNED GOODS:

- The Purchaser shall be responsible for the cost of restocking, carriage and insurance for any return of Goods to FG except in the case of defective Goods.
- FG Europe will not accept returned goods for credit unless it has been approved in writing by the appropriate Department. Goods must be returned in stock condition and FG Europe reserves the right to determine whether to accept the returned good for credit.

INSTALLATION:

- It is the responsibility of the Purchaser to install and commission the goods and to ensure any persons they use to install and commission the Goods are fully trained & qualified to do so.
- The Purchaser must ensure all goods are used in accordance with any applicable information, instructions or guidance which FG Europe or the manufacturer of the Goods make available.