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The noise level data reflects the level in anechoic chamber.
Specifications subject to change without notice.



















Midea Products Catalogue

INVERTER QUATTRO **air magic**



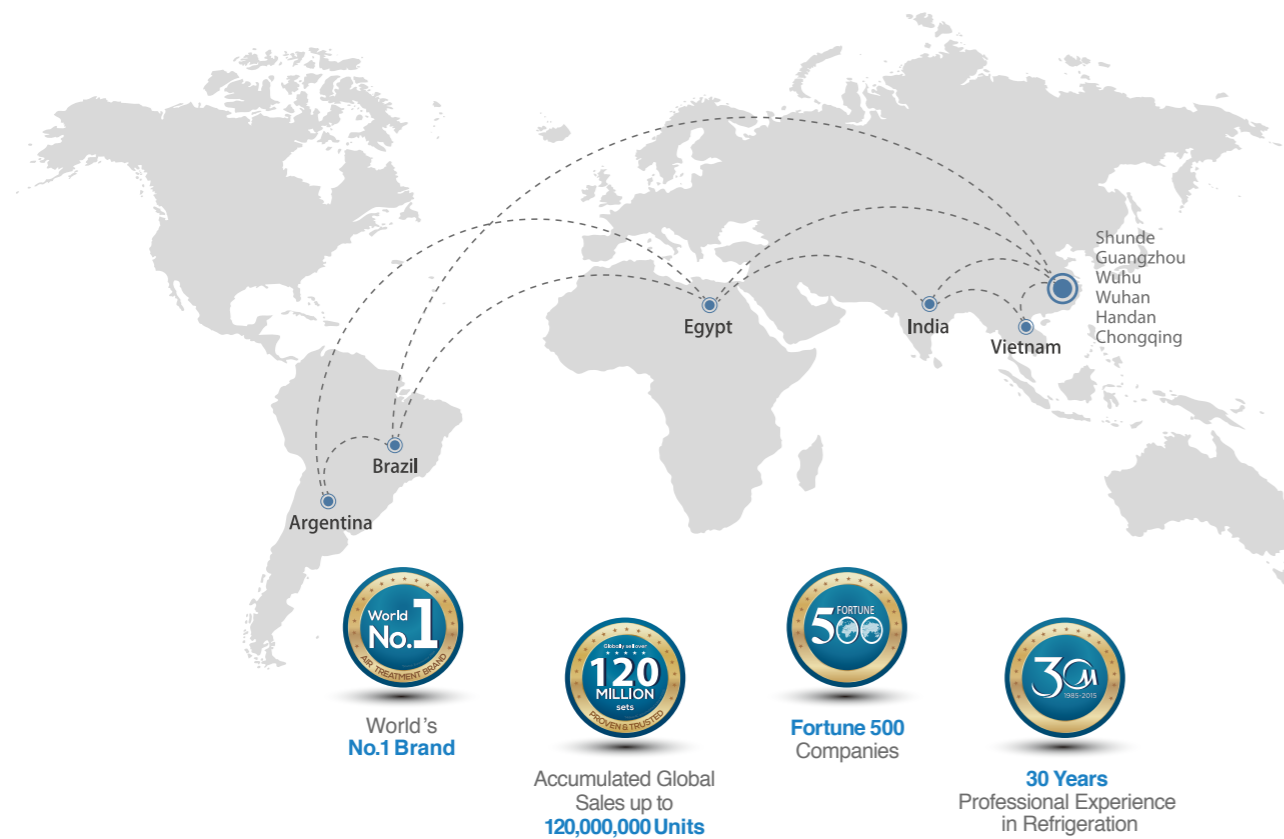
FEATURES



Cooling	 Super Cool	 Flash Cooling	 Long-Distance Windblast	 Turbo Mode	
Comfort	 Triple Comfort	 Low Noise	 Humidity Control		
Air Magic	 Bacteria and Dust Removal	 Refreshing Air	 Dual Filtration	 Self Cleaning	 Skin Moisturizing
Easy Installation	 Easy Installation	 Easy Maintenance	 Easy Clean		
Reliable And Durable	 "Diamond-Edged" Casing				



About Midea AIR CONDITIONER



Midea Group is a leading home appliance manufacturer, with seven manufacturing bases distributed around the world. The group sells its products in over 150 countries and regions, and is synonymous with advanced technologies and excellent quality. Midea Air Conditioning is committed to developing advanced cooling technologies to bring consumers first-rate experience.

RESEARCH & DEVELOPMENT

- Over 1000 core members
- With 5976 patents till end of 2015
- Investing over US\$300 million annually

QUALITY CONTROL

- Investing US\$100 million to establish 89 leading labs
- Robust quality control system supported by 3000 engineers
- Winning 35 quality certifications globally



AWARDS



COOLING



Super Cool



Flash Cooling



Long-Distance
Windblast



Turbo Mode





COOLING

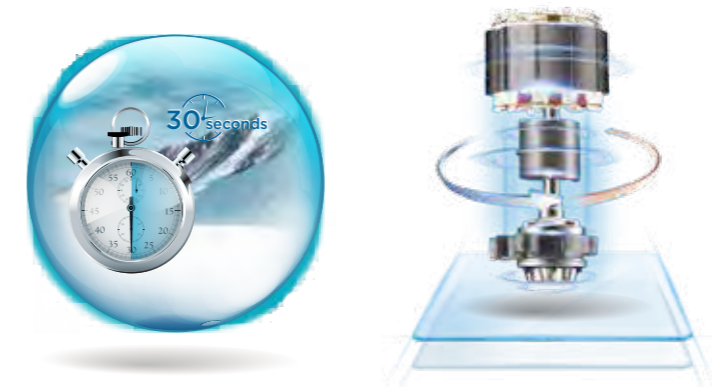
SUPER COOL

You can activate the "Super Cool" function with a single touch to rapidly bring the room temperature down to 17°C.



FLASH COOLING

Midea inverter air conditioners use rapid startup technology to generate a strong flow of cool air for your instant comfort.



TURBO MODE

The turbo mode delivers cool and refreshing air with a single touch.



THREE-DIMENTIONAL AIRFLOW*

The directional air outlet moves automatically to direct air flow to every corner of the room.



*Only applicable to selected models.



COMFORT

 "Follow Me"

 Low Noise

 Humidity Control

COMFORT



"FOLLOW ME"

"Follow Me" keeps you comfortable by measuring the air temperature around you. Keep the remote close to you, and it will measure the surrounding temperature to deliver perfectly adjusted cooling.



LOW NOISE

Operation as quiet as 18dB allows you to rest peacefully. The only sound is the cool air circulating the room.



HUMIDITY CONTROL

Midea's smart sensor technology not only detects your room's temperature but also its humidity level. You can use the app to customize the desired relative humidity level from 30% to 90%.



AIR MAGIC



Bacteria and
Dust Removal



Refreshing Air



Dual Filtration



Self Cleaning



Skin
Moisturizing

air magic



AIR MAGIC

BACTERIA AND DUST REMOVAL

Air Magic produces millions of negative ions to eliminate virus and bacteria from the air.



REFRESHING AIR

Running Air Magic cleans the air, just like planting a forest in your home.



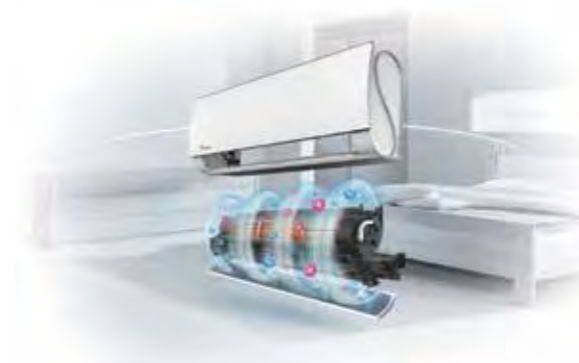
DUAL FILTRATION

The dual filtration system thoroughly eliminates harmful substances, providing fresh and clean air.



SELF CLEANING

The self-cleaning function spins the indoor unit fan in reverse, removing condensed water and eliminating bacteria from within the unit.



SKIN MOISTURIZING

Air Magic is not only your air quality manager, but also your cosmetologist: water molecules dispersed by Air Magic moisturize your skin, leaving you looking and feeling your best.



EASY INSTALLATION



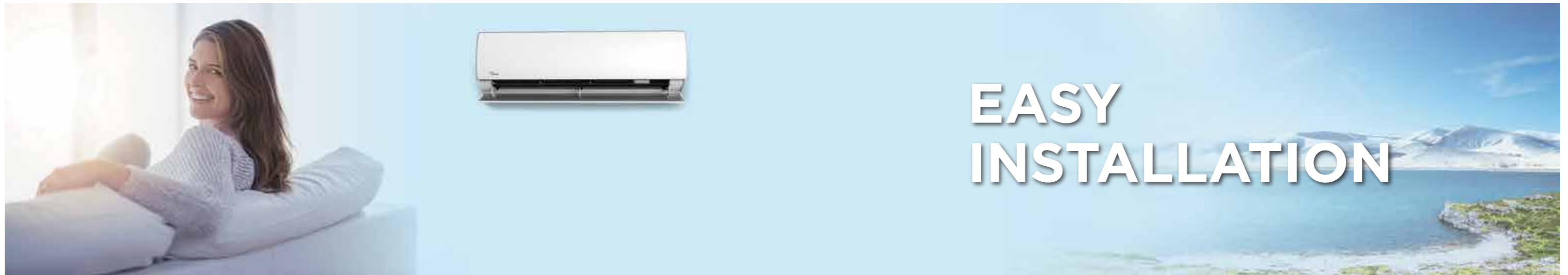
Easy Installation



Easy Maintenance



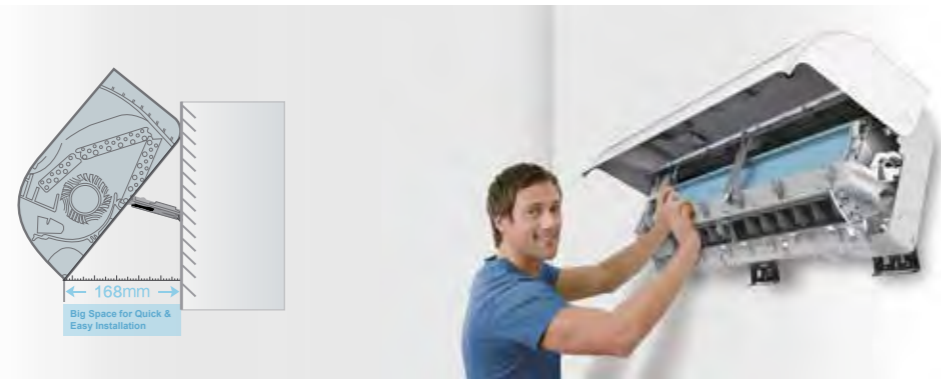
Easy Clean



EASY INSTALLATION

EASY INSTALLATION

Midea's All Easy series, which has a strong installation plate and cupboard, lots of space for pipe/wiring connection, and a better wiring terminal, reduces installation time by 20% compared with normal air conditioners.



EASY MAINTENANCE

The new structure features a universal PCB, with one PCB to suit all sizes of the All Easy series. Easily removable PCB and electrical components reduce maintenance time by 50%, saving you time and money.



EASY CLEAN



Direct pull out filter

The filters are easy to remove, and can be pulled out from the top instead of from inside the panel. Simplified installation process has only 3 steps instead of the standard 9, reducing cleaning time by 50%.



Slide out chassis

DURABLE AND ENERGY SAVING



"Diamond-Edged" Casing



3D DC Inverter Technology





DURABLE AND ENERGY SAVING

"DIAMOND-EDGED" CASING

The Archimedes' screw-shaped air outlet and the bionic blower wheel work together to reduce the noise generated by the outdoor unit of the air conditioner. The T-shaped top cover ensures the stable operation of the internal parts and the durability of the power system.



T-shaped top cover



Archimedes' screw-shaped air outlet



Durable casing



Bionic blower wheel

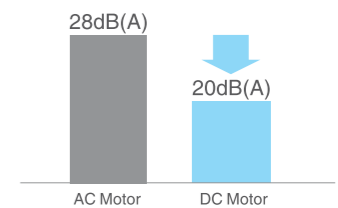
3D DC INVERTER TECHNOLOGY

With brushless DC motors, 3D DC inverter air conditioner gains higher efficiency and makes quieter operation which helps to save more energy and enhance comfort to consumers.

Indoor Unit



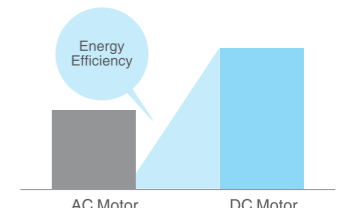
INDOOR DC FAN MOTOR



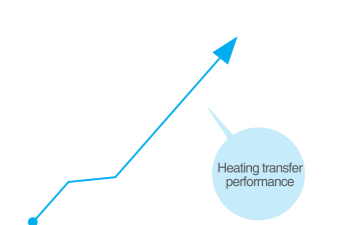
Outdoor Unit



COMPRESSOR DC MOTOR



OUTDOOR DC FAN MOTOR



LIGHT COMMERCIAL AIR CONDITIONERS

Compact Cassette

4-Way Ceiling Cassette

Floor Standing/Ceiling Suspended

A5 & A6 Mid Static Ducted

High Static Ducted





NEW
Slim
Design

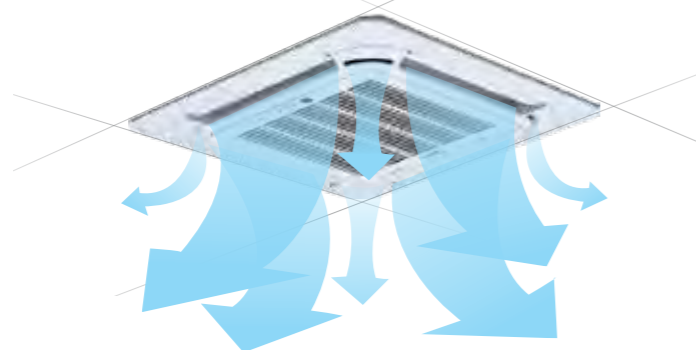
DC Inverter

R-410A

COMPACT CASSETTE

360° AIR OUTLET PANEL

360° air outlet makes equal, fast and wide-range cooling.



FRESH AIR INTAKE

Fresh Air Intake function bring you fresh and comfortable air feeling.



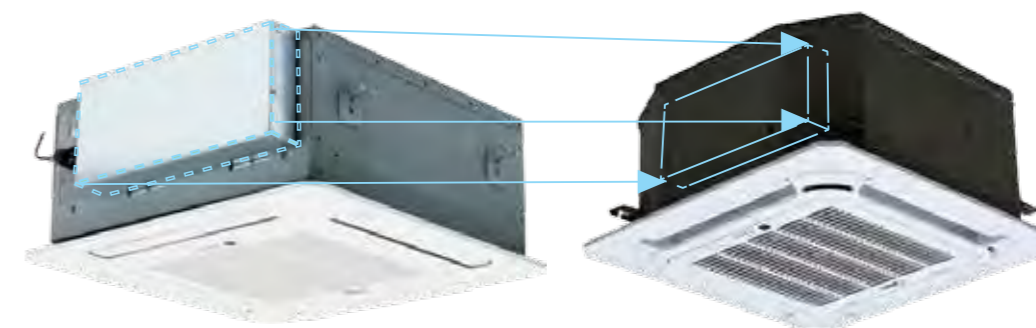
COMPACT DESIGN

The body size of this unit is 570mmx570mmx260mm, and panel size is 647mmx647mmx50mm. It can be installed in one standard ceiling tile (600Wx600D), which can save installation time and make installation easier.



E-BOX INSIDE

The E-box is simply and safely built inside the indoor unit. This integrated design provides a more compact body size and ease of installation. And the maintenance of the E-box is simple, by opening the air-return-grille.





4-WAY CEILING CASSETTE

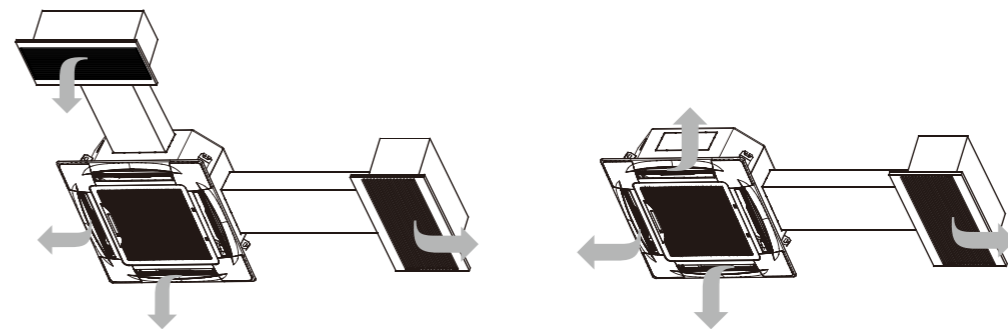
LIFTING EASY-CLEAN & 360° AIR FLOW PANEL

The removeable lifting panel makes the clean process much easier. And with the 360° flow system, distributing comfort to every corner of the room. This unit is only 205mm to 287mm in height, an improvement over the 230mm height of the conventional model.



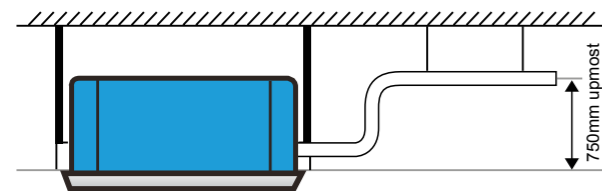
ADDITIONAL AIR SUPPLY DUCT

The pre-cut holes in the cover enable connecting the fresh air supplying duct and also allow for installation of ducts supplying additional air inlets with cooled down air from the air-conditioner.



BUILT-IN CONDENSATE PUMP

The built-in condensate pump with the pump head of up to 750 mm makes it easier to distribute the condensate draining installation in the space above the suspended ceiling.



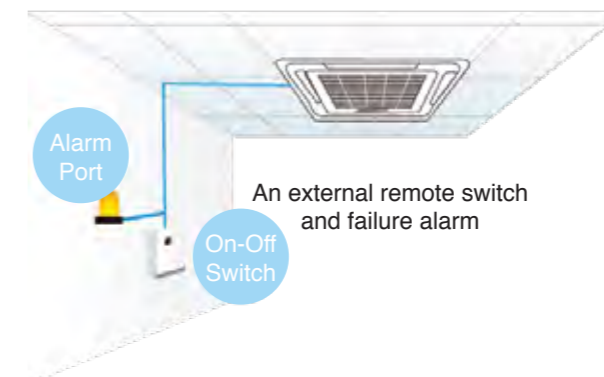
FRESH AIR INTAKE

Fresh Air Intake function bring you fresh and comfortable air feeling.



RESERVED REMOTE ON-OFF & ALARM PORTS

Remote On/Off: With the reserved ports, a remote switch can be easily connected to realize remote control.
Alarm: The built in PCB can output alarm signal, which makes setting up an external alarm light or vibration gauge is possible.



NEW

Slim Design

DC Inverter

On/Off

R-410A

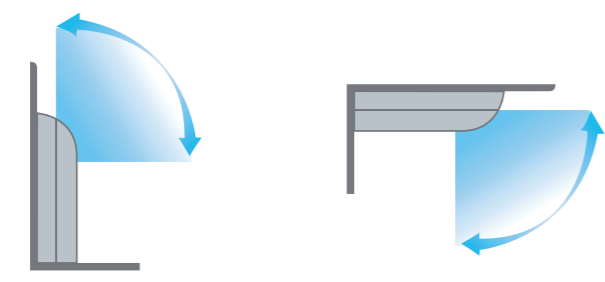
INDOOR UNITS



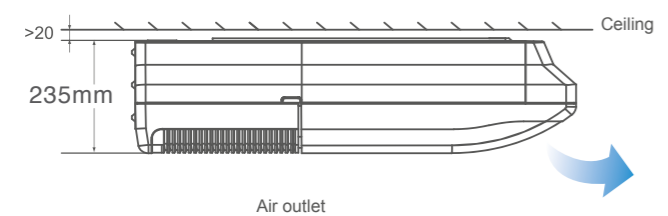
FLOOR CEILING SPLIT

CONVENIENT INSTALLATION

The slim and sleek structure design ensures easy installation. It can be installed into a corner of the ceiling even if the ceiling is very narrow.



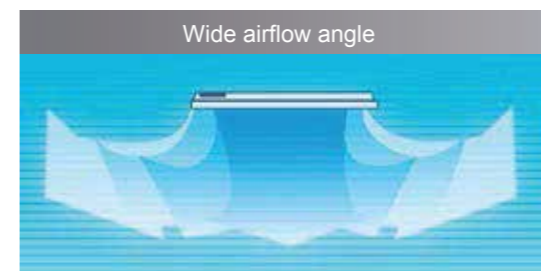
Possible to install vertically against the wall or horizontally below the ceiling



- Slim
- Elegant appearance
- Relatively low weight
- Quick installation
- Low noise level

AUTO SWING FUNCTION & WIDE AIRFLOW ANGLE

Two direction auto swing - vertical and horizontal. The range of horizontal air discharge is widened which secures wider air flow distribution to provide more comfortable air circulation no matter where the unit is set up. Three air flow speeds: low, medium and high; double air guides.



MORE COMFORTABLE

Adopts electrical expansion valve, ensuring precise flow control, lower modulation noise when EXV is operating. Low noise operations; minimum 36 dB(A). Smoother airflow and less turbulence due to the multi-blade fan and the air guide design.



NEW

Slim Design

DC Inverter

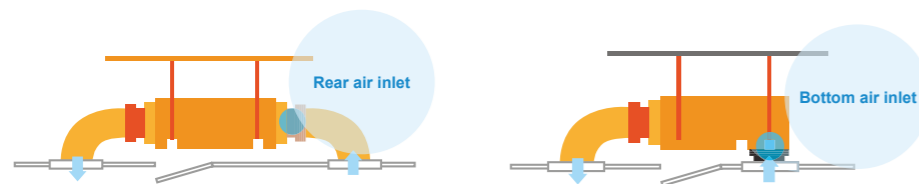
On/Off

R-410A

A5 & A6 MID STATIC DUCTED

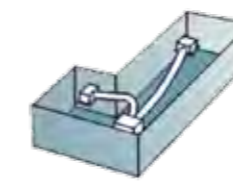
UNIVERSAL DUCT INSTALLATION

Two air intake directions – on the rear and from the bottom. The air inlet can be easily changed by the installer during assembly.

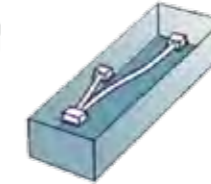


FLEXIBLE INSTALLATION

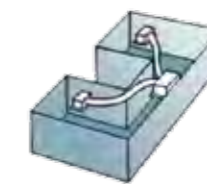
High static pressure allows to apply different solutions of air distribution in rooms with unusual shapes.



L-shaped area



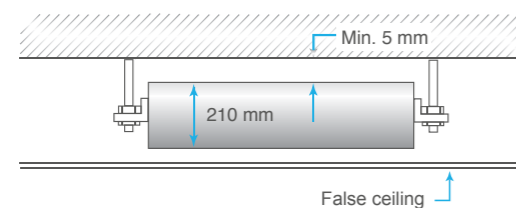
Areas far apart



Y-shaped area

SLIM AND LIGHT STRUCTURE

The whole unit lineup has unified height of 210mm to 300mm depend on model size. This makes it possible to install different capacity units in places with limited installation space.



WIRED CONTROLLER

Compared to wireless controllers, the wired controller can be fixed permanently to a wall which makes it impossible to lose it.



FRESH AIR SUPPLY

Fresh air can be provided to the room in order to ensure high air quality inside the air-conditioned room.



NEW

Slim Design

On/Off

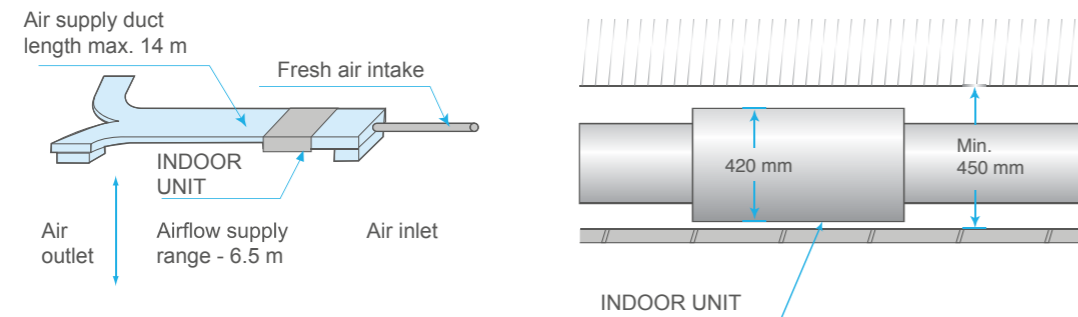
R-410A



HIGH STATIC DUCTED

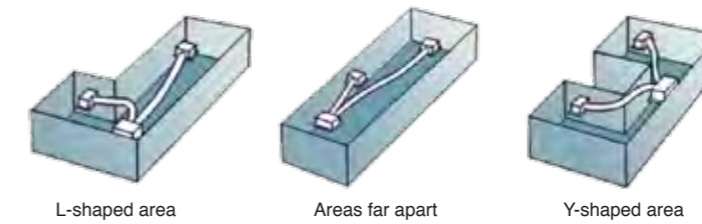
FLEXIBLE DUCT DESIGN

Four fan speeds (fourth speed available in models 71 to 140). Maximum length of the air supply duct is approx. 14m, airflow range is 6.5m. Minimum ceiling cavity is 450 mm (unit height is 420 mm for 71÷160 models).



FLEXIBLE INSTALLATION

High static pressure allows to apply different solutions of air distribution in rooms with unusual shapes.



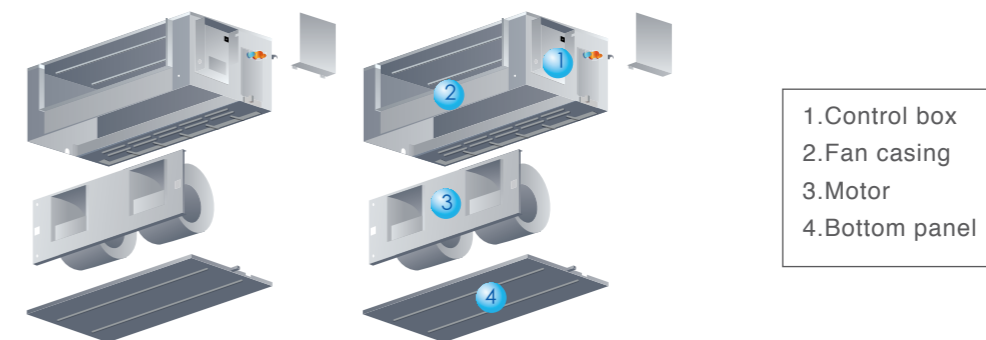
WIRED CONTROLLER

Compared to wireless controllers, the wired controller can be fixed permanently to a wall which makes it impossible to lose it.



EASY MAINTENANCE

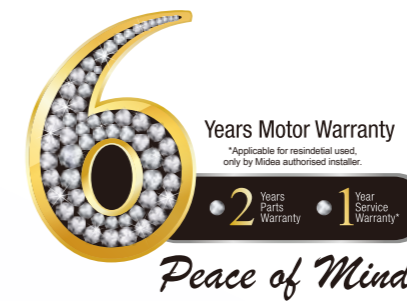
The fan motor is demountable, which is easy to install and maintain.



1. Control box
2. Fan casing
3. Motor
4. Bottom panel



Residential Air Conditioners Specification



ALL EASY

6 Years Motor Warranty
*Applicable for residential used, only by Midea authorised installer.
 2 Years Parts Warranty • 1 Year Service Warranty
Peace of Mind



ALL EASY

Indoor unit



Remote control



Outdoor unit



FEATURE

Three-Dimensional Airflow	Bill Control	Anti-cold Air Function	Turbo Mode	High Density Filter	Cold Catalyst Filter	Follow Me	Skin Moisturizing
Quiet Mode	"Diamond-Edged" Casing	Weekly Timer	Self-cleaning	20% Time Saved	50% Time Saved	50% Time Saved	Easy Clean
				Easy Installation	Easy Maintenance		

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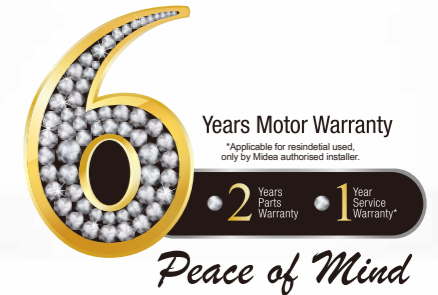
SPLIT-SPECIFICATION

Model No	Indoor Unit	MSSID-09	MSSID-12	MSSID-18	MSSID-24	
	Outdoor Unit	MSSOD-09	MSSOD-12	MSSOD-18	MSSOD-24	
Power Supply	V/Ph/Hz	220-240/1/50				
Cooling	Capacity	Btu/h	9,000 (2,047-10,560)	12,000 (3,753-13,648)	18,000 (8,871-20,837)	22,500 (11,942-24,913)
	Input	W	610	870	1390	1730
	Rate Current	A	3.0	4.5	7.0	9.5
Max. Input Consumption	W	2200	2450	2800	3650	
Max. Current	A	9.5	10.5	25.5	16	
Indoor Airflow (Hi/Mi/Lo)	m3/h (Hi/Mi/Lo)	545/476/387	783/695/563	1000/820/600	1000/820/600	
Indoor Noise Level (Hi/Mi/Lo)	dB(A)	40/37.5/33	43/40/34.5	47/41/32	47/41/33	
Indoor Unit	Dimension	mm (W*D*H)	805x193x302	964x222x325	1106x232x342	1106x232x342
	Packing	mm (W*D*H)	875x375x285	1045x405x305	1195x315x420	1195x315x420
	Net/Gross Weight	Kg	8.2/11	10.7/14.2	14.9/18.7	14.9/18.7
Outdoor Airflow	m3/h	1911	1931	2500	4000	
Outdoor Noise Level	dB(A)	54.0	55	59	59	
Outdoor Unit	Dimension	mm (W*D*H)	800x333x554	800x333x554	845x363x702	946x410x810
	Packing	mm (W*D*H)	920x390x615	920x390x615	965x395x755	1090x500x875
	Net/Gross Weight	Kg	33.2/36.1	32.1/35	48.7/51	62/67.4
Refrigerant Type / Charge	g	R410A/1100g	R410A/1100g	R410A/1950g	R410A/2350g	
Refrigerant Piping	Liquid Side	Inch	1/4"	1/4"	1/4"	3/8"
	Gas Side Φ	Inch	3/8"	1/2"	1/2"	5/8"
	Max. Length	mm	25	25	30	50
	Max. Diff. in Level	mm	10	10	20	25
Indoor Operating Temperature Range	°C	17 to 30				
Operating Ambient Temperature	°C	21 to 43				

* Note: Cooling: Indoor temperature of 27°CDB / 19°CWB
 Outdoor temperature of 35°CDB / 24°CWB



OPAL



OPAL

Indoor unit



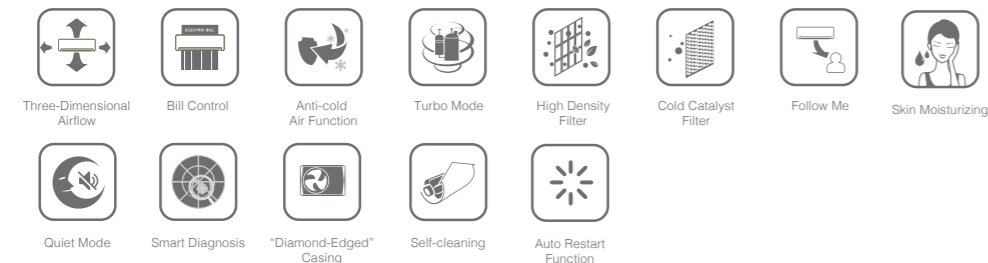
Remote control



Outdoor unit



FEATURE



SPLIT-SPECIFICATION

* Note: Cooling: Indoor temperature of 27°CDB / 19°CWB
Outdoor temperature of 35°CDB / 24°CWB

Model No	Indoor Unit		SMKM-09-I-04R	SMKM-12-I-04R	SMKM-18-I-04R
Power Supply		V/Ph/Hz	220-240/1/50		
Cooling	Capacity	Btu/h	9000	12000	18000
	Input	W	24	24	60
	Rate Current	A	0.11	0.11	0.27
Indoor air flow (Hi/Mi/Lo)	m3/h (Hi/Mi/Lo)		530/460/350	630/540/430	1000/800/700
Indoor noise level (Hi/Mi/Lo)	dB(A)		43/34/29	45/40/32	46/39/32
Indoor Unit	Dimension	mm (W*D*H)	835x198x280	835x198x280	990x218x315
	Packing	mm (W*D*H)	910x270x355	910x270x355	1065x300x400
	Net/Gross Weight	Kg	8.7/11	8.7/11	12/15.5
	Liquid Side	Inch	1/4"	1/4"	1/4"
	Gas Side Φ	Inch	3/8"	3/8"	1/2"
Indoor Operating Temperature Range	°C		17 to 30		

Model No	Outdoor Unit		MS4OD-21	MS4OD-28	MS4OD-32
Power Supply		V/Ph/Hz	220-240/1/50		
Cooling	Capacity	Btu/h	20,472 (8,871-26,613)	26,204 (9,212-31,049)	30,708 (9,212-34,120)
	Input	W	1400	1750	2090
	Rate Current	A	6.4	8.0	9.8
Max. Input Consumption	W		2100	2700	3000
Outdoor Noise Level	dB(A)		56	59	61
Outdoor Unit	Dimension	mm (W*D*H)	845x363x702	845x363x702	946x410x810
	Packing	mm (W*D*H)	965x395x755	965x395x755	1090x500x875
	Net/Gross Weight	Kg	42.2/45.9	51.5/55.4	62.3/68.9
Refrigerant Type /Charge	g		R410A/1500	R410A/2400	R410A/3200
Refrigerant Piping	Liquid side/ Gas side Φ	Inch	1/4", 3/8" (3x)	1/4", 3/8" (4x)	1/4", 3/8" (3x) & 1/4", 1/2" (1x)
	Max. Length for All Rooms	m	45	60	60
	Max. Length for One Indoor Unit	m	25	30	30
	Max. Height Diff. Between Indoor & Outdoor Unit	m	15	15	15
	Max. Height Diff. Between Indoor Units	m	10	10	10
Operating Ambient Temperature	°C		21 to 43		



OASIS

6 Years Motor Warranty
*Applicable for residential used, only by Midea authorised installer.

2 Years Parts Warranty • 1 Year Service Warranty

Peace of Mind

OASIS

Indoor unit



Remote control

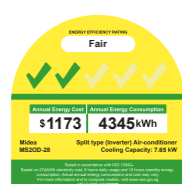


Outdoor unit



FEATURE

Three-Dimensional Airflow	Bill Control	Anti-cold Air Function	Turbo Mode	High Density Filter	Cold Catalyst Filter	Follow Me	Skin Moisturizing	Auto Restart Function
Quiet Mode	Smart Diagnosis	"Diamond-Edged" Casing	Self-cleaning					



SPLIT-SPECIFICATION

Model No	Indoor Unit		MS11MI-09R	MS11MI-12R	MS11MI-18R
Power Supply		V/Ph/Hz	220-240/1/50		
Cooling	Capacity	Btu/h	9000	12000	18000
	Input	W	40	40	52
	Rate Current	A	0.19	0.19	0.24
Indoor air flow (Hi/Mi/Lo)	m3/h (Hi/Mi/Lo)		544/404/290	620/500/420	1020/860/720
Indoor noise level (Hi/Mi/Lo)	dB(A)		40/34/30	41/35/31	43/41/38
Indoor Unit	Dimension	mm (W*D*H)	750x198x280	835x198x280	990x218x315
	Packing	mm (W*D*H)	830x270x355	910x270x355	1065x300x400
	Net/Gross Weight	Kg	8/10	9/11	12/15.5
	Liquid Side	Inch	1/4"	1/4"	1/4"
	Gas Side Φ	Inch	3/8"	3/8"	1/2"
Indoor Operating Temperature Range	°C		17 to 30		

Model No	Outdoor Unit		MS2OD-21	MS2OD-28
Power Supply		V/Ph/Hz	220-240/1/50	
Cooling	Capacity	Btu/h	20,472 (8,871-24,566)	26,272 (9,212-31,049)
	Input	W	1670	2240
	Rate Current	A	7.5	10.0
Max. Input Consumption	W		2200	3100
Outdoor Noise Level	dB(A)		55.5	56.5
Outdoor Unit	Dimension	mm (W*D*H)	845x363x702	845x363x702
	Packing	mm (W*D*H)	965x395x755	965x395x755
	Net/Gross Weight	Kg	43.9/47.1	52/55.5
Refrigerant Type /Charge	g		R410A/1420	R410A/2300
Refrigerant Piping	Liquid side/ Gas side Φ	Inch	1/4", 3/8" (3x)	1/4", 3/8" (4x)
	Max. Length for All Rooms	m	45	60
	Max. Length for One Indoor Unit	m	25	30
	Max. Height Diff. Between Indoor & Outdoor Unit	m	15	15
	Max. Height Diff. Between Indoor Units	m	10	10
Operating Ambient Temperature	°C		21 to 43	

* Note: Cooling: Indoor temperature of 27°CDB / 19°CWB
 Outdoor temperature of 35°CDB / 24°CWB

OASIS COMBINATION TABLE

Outdoor Model	MS20D-21										
	Cooling Capacity (KW)					Running Current (Amp)			Input (KW)		
	Indoor	A Room	B Room	C Room	Total	Min.	Rated	Max.	Min.	Rated	Max.
1 Room	9	2.60			2.60	2.95	4.61	5.54	0.68	1.06	1.27
	12	3.20			3.20	3.04	5.57	6.68	0.70	1.28	1.54
	18	5.30			5.30	3.41	8.53	10.24	0.79	1.96	2.36
2 Rooms	9+9	2.60	2.60		5.20	3.12	7.07	9.04	0.72	1.63	2.08
	9+12	2.69	3.31		6.00	3.21	7.79	9.97	0.74	1.79	2.29
	9+18	2.29	4.66		6.95	3.36	8.39	10.07	0.77	1.93	2.32
	12+12	3.19	3.19		6.38	3.22	8.04	9.65	0.74	1.85	2.22
	12+18	2.80	4.18		6.98	3.52	8.80	10.56	0.81	2.02	2.43
3 Rooms	9+9+9	2.32	2.32	2.32	6.95	3.36	8.39	10.07	0.77	1.93	2.32
	9+9+12	2.20	2.20	2.74	7.14	3.45	8.62	10.18	0.79	1.98	2.34
	9+9+18	1.80	1.80	3.57	7.17	3.46	8.66	10.22	0.80	1.99	2.35
	9+12+12	1.95	2.62	2.62	7.19	3.47	8.68	10.25	0.80	2.00	2.36
	12+12+12	2.40	2.40	2.40	7.20	3.48	8.70	10.26	0.80	2.00	2.36

Outdoor Model	MS20D-28												
	Cooling Capacity (KW)						Running Current (Amp)			Input (KW)			
	Indoor	A Room	B Room	C Room	D Room	Total	Min.	Rated	Max.	Min.	Rated	Max.	
1 Room	9	2.70				2.70	3.06	4.79	5.75	0.70	1.10	1.32	
	12	3.46				3.46	3.29	6.02	7.22	0.76	1.38	1.66	
	18	5.35				5.35	3.51	8.78	10.53	0.81	2.02	2.42	
2 Rooms	9+9	3.02	3.02			6.04	3.74	8.75	11.20	0.86	2.01	2.58	
	9+12	2.81	3.45			6.26	3.87	9.07	11.61	0.89	2.09	2.67	
	9+18	2.59	5.29			7.88	4.15	10.38	13.29	0.96	2.39	3.06	
	12+12	3.65	3.65			7.30	3.97	9.92	12.70	0.91	2.28	2.92	
	12+18	3.06	5.06			8.12	4.03	10.09	12.91	0.93	2.32	2.97	
	18+18	4.51	4.51			9.02	4.48	11.20	13.22	1.03	2.58	3.04	
3 Rooms	9+9+9	2.63	2.63	2.63		7.88	4.15	10.38	12.77	0.96	2.39	2.94	
	9+9+12	2.51	2.51	3.09		8.12	4.03	10.09	12.10	0.93	2.32	2.78	
	9+9+18	2.23	2.23	4.55		9.02	4.36	10.89	12.85	1.00	2.51	2.96	
	9+12+12	2.50	3.08	3.08		8.65	4.18	10.45	12.75	0.96	2.40	2.93	
	9+12+18	2.13	2.62	4.34		9.09	4.39	10.98	12.84	1.01	2.53	2.95	
	9+18+18	1.82	3.64	3.64		9.10	4.40	10.99	12.86	1.01	2.53	2.96	
	12+12+12	2.95	2.95	2.95		8.85	4.28	10.69	12.61	0.98	2.46	2.90	
	12+12+18	2.58	2.58	3.86		9.02	4.36	10.89	12.75	1.00	2.51	2.93	
	4 Rooms	9+9+9+9	2.26	2.26	2.26	2.26	9.02	4.36	10.89	12.75	1.00	2.51	2.93
		9+9+9+12	2.15	2.15	2.15	2.64	9.09	4.39	10.98	12.84	1.01	2.53	2.95
9+9+9+18		1.82	1.82	1.82	3.64	9.10	4.40	10.99	12.86	1.01	2.53	2.96	
9+9+12+12		1.95	1.95	2.60	2.60	9.10	4.40	10.99	12.86	1.01	2.53	2.96	
9+12+12+12		1.87	2.41	2.41	2.41	9.10	4.40	10.99	12.86	1.01	2.53	2.96	



OPAL COMBINATION TABLE

Outdoor Model	MS40D-21										
	Cooling Capacity (KW)					Running Current (Amp)			Input (KW)		
	Indoor	A Room	B Room	C Room	Total	Min.	Rated	Max.	Min.	Rated	Max.
1 Room	9	2.60			2.60	2.95	3.23	3.88	0.68	0.74	0.89
	12	3.20			3.20	3.04	3.98	4.77	0.70	0.91	1.10
	18	5.30			5.30	3.41	8.53	10.24	0.79	1.96	2.36
2 Rooms	9+9	2.60	2.60		5.20	3.12	7.07	9.04	0.72	1.63	2.08
	9+12	2.69	3.40		6.00	3.21	7.79	9.97	0.74	1.79	2.29
	9+18	2.30	4.70		7.00	3.20	8.01	9.13	0.74	1.84	2.10
	12+12	3.20	3.20		6.40	2.85	7.13	8.56	0.66	1.64	1.97
	12+18	2.80	4.60		7.40	3.22	8.04	9.09	0.74	1.85	2.09
3 Rooms	9+9+9	2.40	2.40	2.40	7.20	3.05	7.64	9.01	0.70	1.76	2.07
	9+9+12	2.20	2.20	3.00	7.40	3.06	7.66	9.04	0.70	1.76	2.08
	9+9+18	2.00	2.00	3.80	7.80	3.15	7.89	9.07	0.73	1.81	2.09
	9+12+12	2.00	2.80	2.80	7.60	3.07	7.68	9.07	0.71	1.77	2.09
	12+12+12	2.60	2.60	2.60	7.80	3.15	7.89	9.07	0.73	1.81	2.09

Outdoor Model	MS40D-28												
	Cooling Capacity (KW)						Running Current (Amp)			Input (KW)			
	Indoor	A Room	B Room	C Room	D Room	Total	Min.	Rated	Max.	Min.	Rated	Max.	
1 Room	9	2.70				2.70	3.06	3.35	4.02	0.70	0.77	0.93	
	12	3.46				3.46	3.29	4.30	5.16	0.76	0.99	1.19	
	18	5.35				5.35	3.51	6.65	7.98	0.81	1.53	1.83	
2 Rooms	9+9	2.60	2.60			5.20	3.74	6.28	8.04	0.86	1.44	1.85	
	9+12	2.60	3.45			6.05	3.87	7.11	9.11	0.89	1.64	2.09	
	9+18	2.50	5.10			7.60	3.48	8.70	11.13	0.80	2.00	2.56	
	12+12	3.40	3.40			6.80	3.20	7.99	10.23	0.74	1.84	2.35	
	12+18	3.10	4.80			7.90	3.52	8.81	11.27	0.81	2.03	2.59	
	18+18	4.40	4.40			8.80	3.92	9.81	11.58	0.90	2.26	2.66	
3 Rooms	9+9+9	2.40	2.40	2.40		7.20	3.21	8.03	9.87	0.74	1.85	2.27	
	9+9+12	2.40	2.40	3.10		7.90	3.43	8.59	10.30	0.79	1.98	2.37	
	9+9+18	2.23	2.23	4.30		8.77	3.72	9.30	10.97	0.86	2.14	2.52	
	9+12+12	2.50	3.08	3.08		8.65	3.67	9.17	11.19	0.84	2.11	2.57	
	9+12+18	2.13	2.62	4.34		9.09	3.76	9.41	11.01	0.87	2.16	2.53	
	9+18+18	1.82	3.64	3.64		9.10	3.74	9.35	10.94	0.86	2.15	2.52	
	12+12+12	2.95	2.95	2.95		8.85	3.71	9.27	10.94	0.85	2.13	2.52	
	12+12+18	2.58	2.58	3.86		9.02	3.73	9.34	10.92	0.86	2.15	2.51	
	4 Rooms	9+9+9+9	2.26	2.26	2.26	2.26	9.02	3.65	9.12	10.67	0.84	2.10	2.45
		9+9+9+12	2.15	2.15	2.15	2.64	9.09	3.68	9.19	10.75	0.85	2.11	2.47
9+9+9+18		1.82	1.82	1.82	3.64	9.10	3.68	9.20	10.77	0.85	2.12	2.48	
9+9+12+12		1.95	1.95	2.60	2.60	9.10	3.68	9.20	10.77	0.85	2.12	2.48	
9+12+12+12		1.87	2.41	2.41	2.41	9.10	3.68	9.20	10.77	0.85	2.12	2.48	

Outdoor Model	MS40D-32												
	Cooling Capacity (KW)						Running Current (Amp)			Input (KW)			
	Indoor	A Room	B Room	C Room	D Room	Total	Min.	Rated	Max.	Min.	Rated	Max.	
1 Room	9	2.70				2.70	3.06	3.26	3.91	0.70	0.75	0.90	
	12	3.50				3.50	3.29	4.23	5.07	0.76	0.97	1.17	
	18	5.40				5.40	3.76	6.52	7.83	0.86	1.50	1.80	
2 Rooms	9+9	2.70	2.70			5.40	2.54	6.35	8.12	0.58	1.46	1.87	
	9+12	2.60	3.40			6.00	2.82	7.05	9.02	0.65	1.62	2.08	
	9+18	2.60	5.20			7.80	3.57	8.92	11.42	0.82	2.05	2.63	
	12+12	3.40	3.40			6.80	3.11	7.78	9.96	0.72	1.79	2.29	
	12+18	3.10	4.80			7.90	3.52	8.81	11.27	0.81	2.03	2.59	
	18+18	4.50	4.50			9.00	3.91	9.78	11.54	0.90	2.25	2.66	
3 Rooms	9+9+9	2.50	2.50	2.50		7.50	3.18	7.95	9.78	0.73	1.83	2.25	
	9+9+12	2.50	2.50	3.20		8.20	3.48	8.70	10.43	0.80	2.00	2.40	
	9+9+18	2.40	2.40	4.60		9.40	3.89	9.73	11.48	0.90	2.24	2.64	
	9+12+12	2.50	3.40	3.40		9.30	3.94	9.86	12.03	0.91	2.27	2.77	
	9+12+18	2.30	3.20	4.50		10.00	4.00	10.00	11.69	0.92	2.30	2.69	
	9+18+18	2.00	4.00	4.00		10.00	4.00	10.00	11.69	0.92	2.30	2.69	
	12+12+12	3.20	3.20	3.20		9.60	3.98	9.94	11.73	0.91	2.29	2.70	
	12+12+18	2.80	2.80	4.40		10.00	4.00	10.00	11.79	0.92	2.30	2.71	
	4 Rooms	9+9+9+9	2.40	2.40	2.40	2.40	9.60	3.84	9.60	11.23	0.88	2.21	2.58
		9+9+9+12	2.40	2.40	2.40	2.80	10.00	4.00	10.00	11.69	0.92	2.30	2.69
9+9+9+18		2.00	2.00	2.00	4.00	10.00	4.00	10.00	11.69	0.92	2.30	2.69	
9+9+12+12		2.20	2.20	2.80	2.80	10.00	4.00	10.00	11.69	0.92	2.30	2.69	
9+12+12+12		2.20	2.60	2.60	2.60	10.00	4.00	10.00	11.69	0.92	2.30	2.69	



Light Commercial Air Conditioners DC inverter Specification



R410a INVERTER CASSATTE

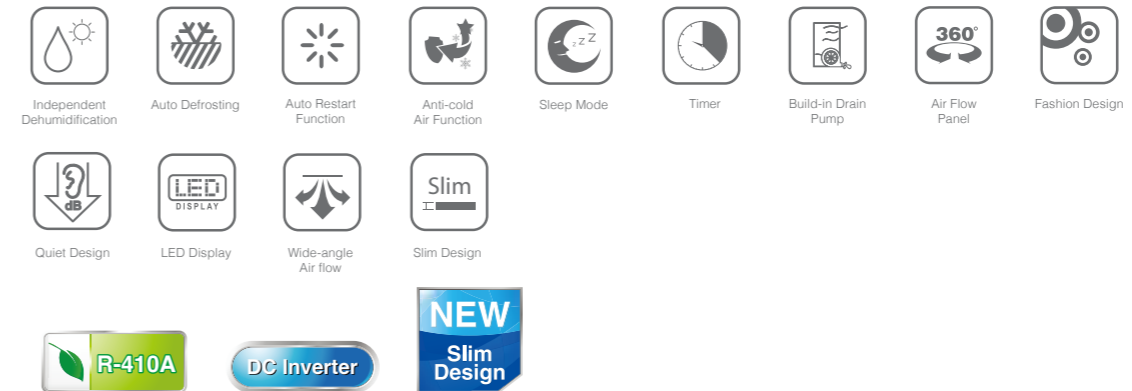
Indoor unit



Outdoor unit



FEATURE



SPECIFICATION

			Compact	Ceiling Cassette				Ceiling Cassette			
Model No	Indoor Unit		MCA12-CRFN11	MCD18-CRFN11	MCD24-CRFN11	MCD35-CRFN11	MCD45-CRFN11	MCD36-CRFN13	MCD42-CRFN13	MCD48-CRFN13	MCD55-CRFN13
	Outdoor Unit		MOU12-CVN11	MOU18-CVN11	MOU24-CVN11	MOU35-CVN11	MOU45-CVN11	MOU36-CFN13	MOU42-CFN13	MOU48-CFN13	MOU55-CFN13
Power Supply	V/Ph/Hz		220-240/1/50				380-415/3/50				
Cooling	Capacity	Btu/h	12010 (2100-15000)	17401 (2700-21000)	23986 (4100-28000)	32073 (14330-42991)	42991 (19107-57321)	36000 (10000-41000)	42000 (11000-45000)	47000 (13600-55000)	55000 (17000-63000)
	Rate Input	W	960(210-1692)	1350(270-2365)	2100(400-3155)	2800(1270-3820)	3700(1700-5100)	4060(975-4620)	4090(1070-5070)	5159(1330-6200)	6395(1660-7100)
	Rate Current	A	4.8(1.0-7.7)	7.0(0.79-7.15)	9.9(1.8-14.4)	13(5.8-17.5)	17(8.0-24.0)	7.0(1.7-8.0)	7.1(1.8-8.7)	8.9(2.3-10.7)	11.0(2.9-12.3)
	Energy Label (New)	Ticks	2	2	2	2	2	Not applicable	Not applicable	Not applicable	Not applicable
Max. Input Consumption	W	2000	2200	2950	3900	5500	5300	5300	6100	7500	
Max. Current	A	8.7	10.0	14.0	21.0	26.0	10.0	10.0	13.0	14.0	
Indoor Airflow (Hi/Mi/Lo)	m³/h	650/530/450	1000/800/700	1450/1250/1100	2300/2000/1800	2300/2000/1800	1900/1750/1460	1850/1600/1400	1850/1600/1400	1900/1650/1450	
Indoor Sound Pressure Level	dB(A)	42/38/34	46/41/37	46/42/39	52/49/45	54/51/48	53/50/47	52/50/47	55/51/48	52/49/46	
Drainage Pipe Outlet Diameter	mm	ODφ25	ODφ32	ODφ32	ODφ32	ODφ32	ODφ32	ODφ32	ODφ32	ODφ32	
Indoor Unit (Body)	Dimension (W*D*H)	mm	570x570x260	840x840x205	840x840x245	840x840x287	840x840x287	840x840x245	840x840x287	840x840x287	840x840x287
	Packing (W*D*H)	mm	655x655x290	900x900x217	900x900x257	900x900x300	900x900x300	900x900x257	900x900x292	900x900x292	900x900x292
	Net/Gross Weight	Kg	16/19	21.3/25	24/28	28.7/32.8	28.7/32.8	25.6/29.6	26.1/30.1	28/32.1	31/34
Indoor Unit (Panel)	Dimension (W*D*H)	mm	647x647x50	950x950x55	950x950x55	950x950x55	950x950x55	950x950x55	950x950x55	950x950x55	950x950x55
	Packing (W*D*H)	mm	715x715x123	1035x1035x90	1035x1035x90	1035x1035x90	1035x1035x90	1035x1035x90	1035x1035x90	1035x1035x90	1035x1035x90
	Net/Gross Weight	Kg	2.5/4.5	5/8	5/8	5/8	6.5/8	5/8	5/8	5/8	5/8
Compressor	Type		Rotary	Rotary	Rotary	Twin-Rotary	Twin-Rotary	Rotary	Rotary	Rotary	Rotary
	Input	W	730	1035	1970	3010	4080	2600	2600	3420	3420
	Rated Current(RLA)	A	5.1	7.3	7.0	13.5	19.6	5.1	5.1	6.9	6.9
	Refrigerant Oil	ml	340	450	670	1070	1700	1000	1000	1400	1400
Outdoor Airflow (Hi/Mi/Lo)	m³/h	2000	2100	2700	5500	7200	4300	4300	6800	7200	
Outdoor Sound Pressure Level	dB(A)	57	57	61	61	62	62	63	65	63	
Outdoor Unit	Dimension(W*D*H)	mm	800x333x554	800x333x554	845x363x702	946x410x810	952x415x1333	946x410x810	946x410x810	952x410x1333	952x410x1333
	Packing(W*D*H)	mm	920x390x615	920x390x615	965x395x755	1090x500x865	1095x495x1480	1090x500x865	1090x500x865	1095x500x1470	1095x500x1470
	Net/Gross Weight	Kg	34.5/37.3	35.5/38.4	49/51.5	68.5/74	116/130	78.9/83.9	70.5/76.1	108.1/121.2	112.8/126
Refrigerant Charge (R410a)	g	1.4	1.8	2.0	3.5	4.6	3.2	3.7	4.0	4.3	
Refrigerant Pipe	Liquid, Gas	Inch	1/4", 3/8"	1/4", 1/2"	3/8", 5/8"	3/8", 3/4"	3/8", 3/4"	3/8", 5/8"	3/8", 5/8"	3/8", 5/8"	3/8", 5/8"
	Max. Length	m	25	30	50	65	65	65	65	65	
	Max. Diff. in Level	m	10	20	25	30	30	30	30	30	
Operation Temperature Range	°C	17 to 30				17 to 30					
Ambient Temperature	°C	21 to 43				21 to 43					

* Rating Conditions: DB/WB | Indoor Temperature: 27°C/19°C | Outdoor Temperature: 35°C/24°C

R410a INVERTER FLOOR CEILING

Indoor unit



Outdoor unit



FEATURE



SPECIFICATION

Model No	Indoor Unit		MUE18-CRFN11	MUE25-CRFN11	MUE36-CRFN12	MUE40-CRFN12	MUE36-CRFN13	MUE42-CRFN12	MUE48-CRFN12	MUE55-CRFN13
	Outdoor Unit		MOU18-CVN11	MOU25-CVN11	MOU36-CVN11	MOU40-CVN11	MOU36-CFN13	MOU42-CFN13	MOU48-CFN13	MOU55-CFN13
Power Supply	V/Ph/Hz		220-240/1/50				380-415/3/50			
Cooling	Capacity	Btu/h	17401 (2700-21000)	24498 (7100-36000)	33438 (11000-45000)	36577 (14000-56000)	36000 (10000-41000)	42000 (11000-45000)	48000 (14000-56000)	54000 (17000-61800)
	Rate Input	W	1350(270-2365)	2100(690-4055)	2900(1070-5070)	3200(1370-6310)	4060(975-4620)	4230(1070-5070)	5190(1370-6310)	6060(1660-6965)
	Rate Current	A	7.0(1.2-10.9)	19(3.2-19.5)	13(4.6-22.0)	14.5(6.0-27.4)	7.0(1.7-8.0)	7.3(1.8-8.7)	9.0(2.4-10.9)	10.5(2.9-12.0)
	Energy Label(New)	Ticks	2	2	2	2	Not applicable	Not applicable	Not applicable	Not applicable
Max. Input Consumption	W	2200	3400	4800	6100	5300	5300	6100	7500	
Max. Current	A	10.0	19.0	23.0	26.5	10.0	10.0	13.0	14.0	
Indoor Airflow (Hi/Mi/Lo)	m³/h	900/800/700	1650/1450/1250	2271/ 1886 /1394	2100/1800/1400	2048/1767/1403	2100/1800/1400	2100/1800/1400	2250/1660/1280	
Indoor Sound Pressure Level	dB(A)	44/39/34	54/49/44	55/49/43	52/46/41	52/46/40	56/48/41	56/48/41	55/50/45	
Drainage Pipe Outlet Diameter	mm	ODφ25	ODφ25	ODφ25	ODφ25	ODφ32	ODφ32	ODφ32	ODφ32	
Indoor Unit (Body)	Dimension (W*D*H)	mm	1068x675x235	1285x675x235	1650x675x235	1650x675x235	1650x675x235	1650x675x235	1650x675x235	1650x675x235
	Packing (W*D*H)	mm	1145x755x313	1360x755x313	1725x755x313	1725x755x313	1725x755x313	1725x755x313	1725x755x313	1725x755x313
	Net/Gross Weight	Kg	25.8/30.6	31/36.5	40.5/47	38.2/44.6	40.3/46.9	40.5/47	38.2/44.6	40.5/47
Compressor	Type		Rotary	Rotary	Rotary	Rotary	Rotary	Rotary	Rotary	Rotary
	Input	W	1035.0	1970.0	2600.0	3420.0	2600	2600	3420	3420
	Rated Current(RLA)	A	7	7	5	7	5.1	5.1	6.9	6.9
	Refrigerant Oil	ml	450	670	1000	1400	1000	1000	1400	1400
Outdoor Airflow	m³/h	2100	4300	4300	6800	4300	4300	6800	7200	
Outdoor Sound Pressure Level	dB(A)	57	61	61	62	62	63	65	63	
Outdoor Unit	Dimension	mm	800x333x554	946x410x810	946x410x810	952x410x1333	946x410x810	946x410x810	952x410x1333	952x410x1333
	Packing	mm	920x390x615	1090x500x865	1090x500x865	1095x500x1470	1090x500x865	1090x500x865	1095x500x1470	1095x500x1470
	Net/Gross Weight	Kg	35.5/38.4	62.9/68.5	70.5/76.1	95.1/108.4	78.9/83.9	70.5/76.1	108.1/121.2	112.8/126
Refrigerant Charge (R410a)	g	1.8	2.8	3.7	4.0	3.2	3.7	4.0	4.3	
Refrigerant Pipe	Liquid, Gas	Inch	1/4", 1/2"	3/8", 5/8"	3/8", 5/8"	3/8", 5/8"	3/8", 5/8"	3/8", 5/8"	3/8", 5/8"	3/8", 5/8"
	Max. Length	m	30	50	65	65	65	65	65	65
	Max. Diff. in Level	m	20	25	30	30	30	30	30	30
Operation Temperature Range	°C	17 to 30				17 to 30				
Ambient Temperature	°C	21 to 43				21 to 43				

* Rating Conditions: DB/WB | Indoor Temperature: 27°C/19°C | Outdoor Temperature: 35°C/24°C

R410a INVERTER A5 DUCTED

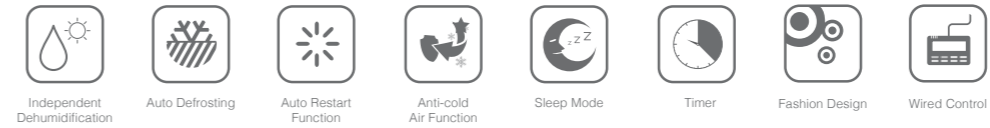
Indoor unit



Outdoor unit



FEATURE



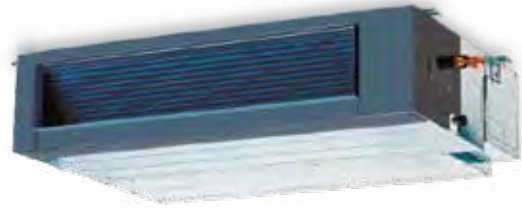
SPECIFICATION

Model No	Indoor Unit	Outdoor Unit	MTB12-CRFN11	MTB18-CRFN11	MTB24-CRFN11	MTB30-CRFN11	MTB36-CRFN12	MTB42-CRFN12	MTB48-CRFN12	MTB36-CRFN12	MTB42-CRFN12	MTB48-CRFN12	MTB55-CRFN13
			MOU12-CVN11	MOU18-CVN11	MOU24-CVN11	MOU30-CFN11	MOU36-CFN11	MOU42-CFN11	MOU48-CFN11	MOU36-CFN13	MOU42-CFN13	MOU48-CFN13	MOU55-CFN13
Power Supply	V/Ph/Hz	220-240/1/50						380-415/3/50					
Cooling	Capacity	Btu/h	12010 (2100-15000)	17401 (2700-21000)	23986 (4100-28000)	30000 (7100-36000)	36000 (10000-41000)	42000 (11000-45000)	48000 (14000-56000)	36000 (10000-41000)	42000 (11000-45000)	48000 (14000-56000)	54000 (17000-61800)
	Rate Input	W	960(210-1692)	1350(270-2365)	2100(400-3155)	2875(690-4055)	3965(975-4620)	4090(1070-5070)	5115(1370-6310)	3965(975-4620)	4090(1070-5070)	5115(1370-6310)	5255(1660-6965)
	Rate Current	A	4.8(1.0-7.7)	7.0(1.2-10.9)	9.9(1.8-14.4)	13.1(3.2-18.5)	18.1(4.2-20.1)	17.8(4.6-22.0)	23.4(5.9-27.4)	6.8(1.7-8.0)	7.1(1.8-8.7)	8.8(2.4-10.9)	9.1(2.9-12.0)
Max. Input Consumption	W	2000	2200	2950	3400	4500	4800	6100	5300	5300	6100	7500	
Max. Current	A	8.7	10.0	14.0	19.0	21.0	23.0	26.5	10.0	10.0	13.0	14.0	
Indoor ESP	Rated	Pa	25	25	25	37	37	50	50	37	50	50	50
	Range (Up to)	Pa	45	100	100	100	100	100	100	100	100	100	100
Indoor Airflow (Hi/Mi/Lo)	m³/h	680/580/450	1050/900/780	1360/1200/970	1580/1400/1100	1750/1500/1280	2200/1900/1600	2200/1900/1600	1750/1500/1280	2200/1900/1600	2200/1900/1600	2200/1900/1600	2200/1900/1600
Indoor Sound Pressure Level	dB(A)	42/38/35	44/40/37	46/42/38	50/48/44	48/45/40	50/47/44	51/48/45	48/45/40	49/47/44	50/47/44	50/47/45	
Drainage Pipe Outlet Diameter	mm	ODφ25	ODφ25	ODφ25	ODφ25	ODφ25	ODφ25	ODφ25	ODφ25	ODφ25	ODφ25	ODφ25	
Indoor Unit	Dimension (W*D*H)	mm	700x635x210	920x635x270	920x635x270	1140x775x270	1200x865x300	1200x865x300	1200x865x300	1200x865x300	1200x865x300	1200x865x300	1200x865x300
	Packing (W*D*H)	mm	915x655x290	1150x655x350	1150x655x350	1355x795x350	1405x920x373	1405x920x373	1405x920x373	1405x920x373	1405x920x373	1405x920x373	1405x920x373
	Net/Gross Weight	Kg	18.4/22.7	26.9/31.5	28/31.5	35/42	45/53	43.4/52	43.2/51.6	45/53	43.4/52	43.2/51.6	43.1/51.5
Compressor	Type		Rotary	Rotary	Rotary	Rotary	Rotary	Rotary	Rotary	Rotary	Rotary	Rotary	Rotary
	Input	W	730	1035	1970	1970	2600	2600	3420	2600.0	2600.0	3420.0	3420.0
	Rated Current(RLA)	A	5.08	7.32	6.95	6.95	5.1	5.1	6.85	5	5	7	7
	Refrigerant Oil	ml	340	450	670	670	1000	1000	1400	1000	1000	1400	1400
Outdoor Airflow	m³/h	2000	2100	2700	4300	4300	4300	6800	4300	4300	6800	7200	
Outdoor Sound Pressure Level	dB(A)	57	57	61	60	61	63	65	62	63	65	63	
Outdoor Unit	Dimension (W*D*H)	mm	800x333x554	800x333x554	845x363x702	946x410x810	946x410x810	946x410x810	952x410x1333	946x410x810	946x410x810	952x410x1333	952x410x1333
	Packing (W*D*H)	mm	920x390x615	920x390x615	965x395x755	1090x500x865	1090x500x865	1090x500x865	1095x500x1470	1090x500x865	1090x500x865	1095x500x1470	1095x500x1470
	Net/Gross Weight	Kg	34.5/37.3	35.5/38.4	49/51.5	62.9/68.5	67.2/72.9	70.5/76.1	95.1/108.4	78.9/83.9	70.5/76.1	108.1/121.2	112.8/126
Refrigerant Charge (R410a)	g	1.4	1.5	2.0	2.8	3.2	3.7	4.0	3.2	3.7	4.0	4.3	
Refrigerant Pipe	Liquid, Gas	Inch	1/4", 3/8"	1/4", 1/2"	3/8", 5/8"	3/8", 5/8"	3/8", 5/8"	3/8", 5/8"	3/8", 5/8"	3/8", 5/8"	3/8", 5/8"	3/8", 5/8"	3/8", 5/8"
	Max. Length	m	25	30	50	50	65	65	65	65	65	65	
	Max. Diff. in Level	m	10	20	25	25	30	30	30	30	30	30	
Operation Temperature Range	°C	17 to 30						17 to 30					
Ambient Temperature	°C	21 to 43						21 to 43					

* Rating Conditions: DB/WB | Indoor Temperature: 27°C/19°C | Outdoor Temperature: 35°C/24°C

R410a INVERTER A6 DUCTED

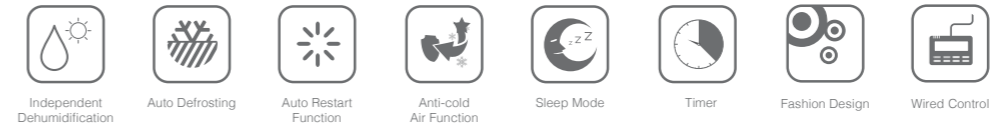
Indoor unit



Outdoor unit



FEATURE



SPECIFICATION

Model No	Indoor Unit	Outdoor Unit	MTI18-CRFN11	MTI24-CRFN11	MTI30-CRFN11	MTI36-CRFN12	MTI42CRFN12	MTI48-CRFN12	MTI36-CRFN12	MTI42-CRFN12	MTI48-CRFN12	MTI55-CRFN13	
			MOU18-CVN11	MOU24-CVN11	MOU30-CFN11	MOU36-CFN11	MOU42CFN11	MOU48-CFN11	MOU36-CFN13	MOU42-CFN13	MOU48-CFN13	MOU55-CFN13	
Power Supply	V/Ph/Hz	220-240/1/50						380-415/3/50					
Cooling	Capacity	Btu/h	17401 (2700-21000)	23986 (4100-28000)	30000 (7100-36000)	36000 (10000-41000)	42000 (11000-45000)	48000 (14000-56000)	36000 (10000-41000)	42000 (11000-45000)	48000 (14000-56000)	55000 (17000-61800)	
	Rate Input	W	1350	2100	2836	4058	4244	5100	4058	4993	5200	6700	
	Rate Current	A	7	9.9	13	18.5	19.4	22.40	7.48	9.2	8.46	11.12	
Max. Input Consumption	W	2200	2950	3400	4500	4800	6100	5300	5300	6100	7500		
Max. Current	A	10.0	14.0	19.0	21.0	23.0	26.5	10	10.0	13.0	14		
Indoor ESP	Rated	Pa	25	25	37	37	50	50	37	50	50	50	
	Range (Up to)	Pa	70	100	120	120	160	160	120	160	160	160	
Indoor Airflow (Hi/Mi/Lo)	m³/h	939/862/691	1099/782/487	1540/1255/723	1424/1108/572	1861/1457/914	2097/1739/1132	1424/1108/572	1861/1457/914	2097/1739/1132	2506/2165/1802		
Indoor Sound Pressure Level	dB(A)	42/40/38	42/39/36	41/40/36.5	42/40/39	49/47.5/45.5	48/-/42	41.5/40/39	48.5/46.5/44.5	52/-/48	57/-/54		
Drainage Pipe Outlet Diameter	mm	ODφ25	ODφ25	ODφ25	ODφ25	ODφ25	ODφ25	ODφ25	ODφ25	ODφ25	ODφ25		
Indoor Unit	Dimension (W*D*H)	mm	880x674x210	1100x774x249	1360x774x249	1360x774x249	1200x874x300	1200x874x300	1360x774x249	1200x874x300	1200x874x300	1200x874x300	
	Packing (W*D*H)	mm	1070x725x270	1305x805x305	1570x805x305	1570x805x305	1405x915x355	1405x915x355	1570x805x305	1405x915x355	1405x915x355	1405x915x355	
	Net/Gross Weight	Kg	25.4/31	31.7/39.1	40.6/48.5	40.2/48.4	47.2/56.8	46/55	40.2/48.4	47.2/56.8	46/55	46/55	
Compressor	Type		Rotary	Rotary	Rotary	Rotary	Rotary	Rotary	Rotary	Rotary	Rotary	Rotary	
	Input	W	1035	1970	1970	2600	2600	3420	2600	2600.0	3420.0	3420	
	Rated Current(RLA)	A	7.32	6.95	6.95	5.1	5.1	6.85	5.1	5	7	6.85	
	Refrigerant Oil	ml	450	670	670	1000	1000	1400	1000	1000	1400	1400	
Outdoor Airflow	m³/h	2100	2700	4300	4300	4300	6800	4300	4300	6800	7200		
Outdoor Sound Pressure Level	dB(A)	57	61	60	61		63	65	62	63			
Outdoor Unit	Dimension(W*D*H)	mm	56.5	60.5	59.5	61	62.5	65	62	63	65	62.5	
	Packing(W*D*H)	mm	800x333x554	845x363x702	946x410x810	946x410x810	946x410x810	952x410x1333	946x410x810	946x410x810	952x410x1333	952x410x1333	
	Net/Gross Weight	Kg	920x390x615	965x395x755	1090x500x865	1090x500x865	1090x500x865	1095x500x1470	1090x500x865	1090x500x865	1095x500x1470	1095x500x1470	
Refrigerant Charge (R410a)	g	35.5/38.4	49/51.5	62.9/68.5	67.2/72.9	70.5/76.1	95.1/108.4	78.9/83.9	70.5/76.1	108.1/121.2	112.8/126		
Refrigerant Pipe	Liquid, Gas	Inch	1/4", 3/8"	1/4", 1/2"	3/8", 5/8"	3/8", 5/8"	3/8", 5/8"	3/8", 5/8"	3/8", 5/8"	3/8", 5/8"	3/8", 5/8"	3/8", 5/8"	
	Max. Length	m	30	50	50	65	65	65	65	65	65		
	Max. Diff. in Level	m	20	25	25	30	30	30	30	30	30		
Operation Temperature Range	°C	17 to 30						17 to 30					
Ambient Temperature	°C	21 to 43						21 to 43					

* Rating Conditions: DB/WB | Indoor Temperature: 27°C/19°C | Outdoor Temperature: 35°C/24°C

R410a GA FLOOR STANDING



Independent Dehumidification



Self-diagnosis & Auto-protection



Valve Protection Cover



LCD Display



Quiet Design



Anti-Rust Cabinet



PTC Heater



Easy Clean



DC Inverter

NEW
Slim Design



SPECIFICATION

Model No	Indoor Unit	MFGA55-CRFN13	
	Outdoor Unit	MOU55-CFN13	
Power Supply		V/Ph/Hz	380-415/3/50
Cooling	Capacity	Btu/h	55000(17000-61800)
	Rate Input	W	6710
	Rate Current	A	10.50
Max. Input Consumption		W	7500
Max. Current		A	14.0
Indoor Airflow (Hi/Mi/Lo)		m ³ /h	2529/1962/1735
Indoor Sound Pressure Level		dB(A)	59/53/47
Drainage Pipe Outlet Diameter		mm	ODΦ25
Indoor Unit	Dimension (W*D*H)	mm	610x390x1925
	Packing (W*D*H)	mm	2050x745x545
	Net/Gross Weight	Kg	69.6 / 78.4
Compressor	Type	Rotary	
	Input	W	4270
	Rated Current (RLA)	A	12
	Refrigerant Oil	ml	1400
Outdoor Airflow (Hi/Mi/Lo)		m ³ /h	7200
Outdoor Sound Pressure Level		dB(A)	63
Outdoor Unit	Dimension (W*D*H)	mm	952x410x1333
	Packing (W*D*H)	mm	1095x500x1470
	Net/Gross Weight	Kg	112.8/126
Refrigerant Charge (R410a)		g	4.3
Refrigerant Pipe	Liquid, Gas	Inch	3/8", 5/8"
	Max. Length	m	65
	Max. Diff. in Level	m	30
Operation Temperature Range		°C	17 to 30
Ambient Temperature		°C	21 to 43

* Rating Conditions: DB/WB | Indoor Temperature: 27°C/19°C | Outdoor Temperature: 35°C/24°C





Light Commercial Air Conditioners Non inverter Specification



R410A CASSETTE

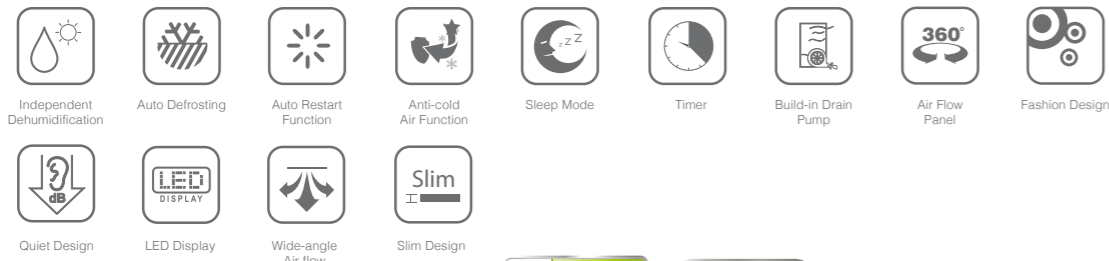
Indoor unit



Outdoor unit



FEATURE



SPECIFICATION



Model No	Indoor Unit		MCD36-CRN13	MCD48-CRN13	MCD60-CRN13
	Outdoor Unit		MOU36-CN13	MOU48-CN13	MOU60-CN13
Power Supply	V/Ph/Hz		380-415/3/50		
Cooling	Capacity	Btu/h	38000	48000	58000
	Rate Input	W	4000	5150	6500
	Rate Current	A	8.2	8.7	16.5
Max. Input Consumption	W		5200	6100	8500
Max. Current	A		12	12	13
Indoor Airflow (Hi/Mi/Lo)	m ³ /h		1800/1500/1300	1900/1600/1400	1900/1500/1300
Indoor Sound Pressure Level	dB(A)		53/50/47	54/52/50	55/53/51
Drainage Pipe Outlet Diameter	mm		ODΦ32	ODΦ32	ODΦ32
Indoor Unit (Body)	Dimension (W*D*H)	mm	840x840x245	840x840x245	840x840x287
	Packing (W*D*H)	mm	900x900x257	900x900x257	900x900x292
	Net/Gross Weight	Kg	24.7/28.4	27/30.5	29/34
Indoor Unit (Panel)	Dimension (W*D*H)	mm	950x950x55	950x950x55	950x950x55
	Packing (W*D*H)	mm	1035x1035x90	1035x1035x90	1035x1035x90
	Net/Gross Weight	Kg	5/8	5/8	5/8
Compressor	Type		Scroll	Scroll	Scroll
	Input	W	3300	4750.0	5750.0
	Rated Current(RLA)	A	8.9	8	10
Outdoor Sound Pressure Level	dB(A)		66	62.4	65.1
Outdoor Unit	Dimension (W*D*H)	mm	946x410x810	900x350x1170	900x350x1170
	Packing (W*D*H)	mm	1090x500x865	1032x443x1307	1032x443x1307
	Net/Gross Weight	Kg	72/78	91.3/102.9	92.3/104
Refrigerant Charge (R410a)	g		2.4	3.05	3.05
Refrigerant Pipe	Liquid, Gas	Inch	3/8", 3/4"	3/8", 3/4"	3/8", 3/4"
	Max. Length	m	30	50	50
	Max. Diff. in Level	m	20	25	25
Operation Temperature Range	°C		17 to 30		
Ambient Temperature	°C		21 to 43		

* Rating Conditions: DB/WB | Indoor Temperature: 27°C/19°C | Outdoor Temperature: 35°C/24°C

R410A FLOOR CEILING

Indoor unit



Outdoor unit



FEATURE



SPECIFICATION



Model No	Indoor Unit		MUE36-CRN13	MUE48-CRN13	MUE60-CRN13
	Outdoor Unit		MOU36-CN13	MOU48-CN13	MOU60-CN13
Power Supply	V/Ph/Hz		380-415/3/50		
Cooling	Capacity	Btu/h	36000	48000	60000
	Rate Input	W	4000	5150	6300
	Rate Current	A	8.2	8.7	10.3
Max. Input Consumption	W		5200	6100	8500
Max. Current	A		12	12	13
Indoor Airflow (Hi/Mi/Lo)	m ³ /h		1800/1500/1300	2300/1900/1700	2300/1900/1700
Indoor Sound Pressure Level	dB(A)		54/50/46	57/53/50	58/55/52
Drainage Pipe Outlet Diameter	mm		ODΦ25	ODΦ25	ODΦ25
Indoor Unit (Body)	Dimension (W*D*H)	mm	1285x675x235	1650x675x235	1650x675x235
	Packing (W*D*H)	mm	1360x755x313	1725x755x313	1725x755x313
	Net/Gross Weight	Kg	29.1/34.6	39/45	41/48
Compressor	Type		Scroll	Scroll	Scroll
	Input	W	3300	4750.0	5750.0
	Rated Current (RLA)	A	8.9	8	10
Outdoor Sound Pressure Level	dB(A)		66	62.4	65.1
Outdoor Unit	Dimension (W*D*H)	mm	946x410x810	900x350x1170	900x350x1170
	Packing (W*D*H)	mm	1090x500x865	1032x443x1307	1032x443x1307
	Net/Gross Weight	Kg	72/78	91.3/102.9	92.3/104
Refrigerant Charge (R410a)	g		2.4	3.05	3.05
Refrigerant Pipe	Liquid, Gas	Inch	3/8", 3/4"	3/8", 3/4"	3/8", 3/4"
	Max. Length	m	30	50	50
	Max. Diff. in Level	m	20	25	25
Operation Temperature Range	°C		17 to 30		
Ambient Temperature	°C		21 to 43		

* Rating Conditions: DB/WB | Indoor Temperature: 27°C/19°C | Outdoor Temperature: 35°C/24°C

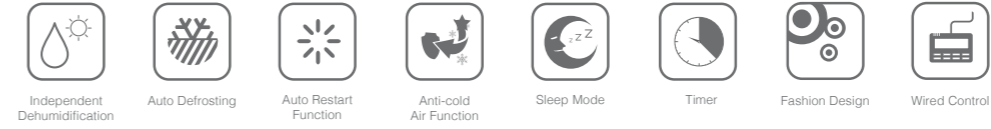
R410a A5 MID STATIC DUCTED

FEATURE

Indoor unit



Outdoor unit



SPECIFICATION



Model No	Indoor Unit	Outdoor Unit	MTB12-CRN11	MTB18-CRN11	MTB24-CRN11	MTB30-CRN11	MTB36-CRN11	MTB36-CRN12	MTB48-CRN13	MTB60-CRN13	
			MOU12-CN11	MOU18-CN11	MOU24-CN11	MOU30-CN11	MOU36-CN11	MOU36-CN13	MOU48-CN13	MOU60-CN13	
Power Supply	V/Ph/Hz	220-240/1/50					380-415/3/51				
Cooling	Capacity	Btu/h	12000	18000	24000	30000	39000	38000	48000	60000	
	Rate Input	W	1400	2020	2650	3700	3900	4000	5350	6930	
	Rate Current	A	6.1	9.5	12.6	17.3	18.1	8.2	8.95	10.35	
Max. Input Consumption	W	1950	2600	3500	4800	5400	5200	6100	8500		
Max. Current	A	9.5	12	18	24	30	12	12	13		
Indoor ESP	Rated	Pa	25	25	25	37	37	37	50.0	50.0	
	Range (Up to)	Pa	60	60	80	80	80	80	100	100	
Indoor Airflow (Hi/Mi/Lo)	m³/h	624/485/400	816/546/410	1285/812/668	1837/ 1186 / 1012	1848/1143/1060	1848/1103/-	2275/1700/1350	2305/1720/1360		
Indoor Sound Pressure Level (Hi/Mi/Lo)	dB(A)	40/36/33	41/35/34	43/34/31	49/40/38	50/43/40	51/45/43	52/46/43	52/46/44		
Drainage Pipe Outlet Diameter	mm	ODΦ25	ODΦ25	ODΦ25	ODΦ25	ODΦ25	ODΦ25	ODΦ25	ODΦ25		
Indoor Unit	Dimension (W*D*H)	mm	700x635x210	920x635x210	920x635x270	1140x775x270	1140x775x270	1140x775x270	1200x865x300	1200x865x300	
	Packing (W*D*H)	mm	915x655x290	1135x655x290	1150x655x350	1355x795x350	1355x795x350	1355x795x350	1405x920x373	1405x920x373	
	Net/Gross Weight	Kg	20/25	26.5/31	31.4/44	32/35	36.1/43.1	36.1/43.1	44.6/53.1	44.7/53.3	
Compressor	Type		Rotary	Rotary	Rotary	Rotary	Scroll	Scroll	Scroll	Scroll	
	Input	W	955	1755	2395	2950	3450	3300	4750	5750	
	Rated Current	A	4.35	8.05	11.55	14.1	16.7	8.9	8	10	
Outdoor Sound Pressure Level	dB(A)	57	62	61	63	66	66	62.4	65.1		
Outdoor Unit	Dimension (W*D*H)	mm	770x300x555	770x300x555	845x363x702	946x410x810	946x410x810	946x410x810	900x350x1170	900x350x1170	
	Packing (W*D*H)	mm	900x345x585	900x345x585	965x395x755	1090x500x865	1090x500x865	1090x500x865	1032x443x1307	1032x443x1307	
	Net/Gross Weight	Kg	29.5/32.5	33.7/36.2	48/51	64.5/69.5	72/78	72/78	91.3/102.9	92.3/104	
Refrigerant Charge (R410a)	g	0.9	1	1.40	2.5	2.4	2.4	3.05	3.05		
Refrigerant Pipe	Liquid, Gas	Inch	1/4", 1/2"	1/4", 1/2"	3/8", 5/8"	3/8", 3/4"	3/8", 3/4"	3/8", 3/4"	3/8", 3/4"	3/8", 3/4"	
	Max. Length	m	15	25	25	25	25	30	50	50	
	Max. Diff. in Level	m	8	15	15	15	15	20	25	25	
Operation Temperature Range	°C	17 to 30					17 to 30				
Ambient Temperature	°C	21 to 43					21 to 43				

* Rating Conditions: DB/WB | Indoor Temperature: 27°C/19°C | Outdoor Temperature: 35°C/24°C

R410A HIGH STATIC DUCTED

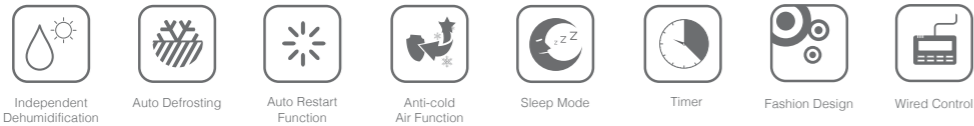
Indoor unit



Outdoor unit



FEATURE



SPECIFICATION



Model No	Indoor Unit		MHG36-CRN13	MHG48-CRN13	MHG60-CRN13
	Outdoor Unit		MOU36-CN23	MOU48-CN23	MOU60-CN23
Power Supply		V/Ph/Hz	380-415/3/50		
Cooling	Capacity	Btu/h	36000	49000	56000
	Rate Input	W	3750	5128	6500
	Rate Current	A	6.3	9.00	11.20
Max. Input Consumption		W	5200	6100	8500
Max. Current		A	12	12	13
Indoor ESP	Rated	Pa	37	50	50
	Range (Up to)	Pa	160	200	200
Indoor Airflow (Hi/Mi/Lo)		m³/h	2059/1819/1667	2809/2554/2272	3150/2809/2554
Indoor Sound Pressure Level (Hi/Mi/Lo)		dB(A)	54.6/51.6/49.6	51/49/46	52/50/48
Drainage Pipe Outlet Diameter		mm	ODφ25	ODφ25	ODφ25
Indoor Unit	Dimension (W*D*H)	mm	1100×525×270	1200×625×380	1200×625×380
	Packing (W*D*H)	mm	1335×555×340	1485×675×450	1485×675×450
	Net/Gross Weight	Kg	33.7/39.3	46/52.3	45.9/52.2
Compressor	Type		Scroll	Scroll	Scroll
	Input	W	3300	4750.0	5750.0
	Rated Current (RLA)	A	8.9	8	10
Outdoor Sound Pressure Level		dB(A)	66	62.4	65.1
Outdoor Unit	Dimension (W*D*H)	mm	946x410x810	900x350x1170	900x350x1170
	Packing (W*D*H)	mm	1090x500x865	1032x443x1307	1032x443x1307
	Net/Gross Weight	Kg	72/78	91.3/102.9	92.3/104
Refrigerant Charge (R410a)		g	2.4	3.05	3.05
Refrigerant Pipe	Liquid, Gas	Inch	3/8", 3/4"	3/8", 3/4"	3/8", 3/4"
	Max. Length	m	30	50	50
	Max. Diff. in Level	m	20	25	25
Operation Temperature Range		°C	17 to 30		
Ambient Temperature		°C	21 to 43		

* Rating Conditions: DB/WB | Indoor Temperature: 27°C/19°C | Outdoor Temperature: 35°C/24°C

R410A GA FLOOR STANDING

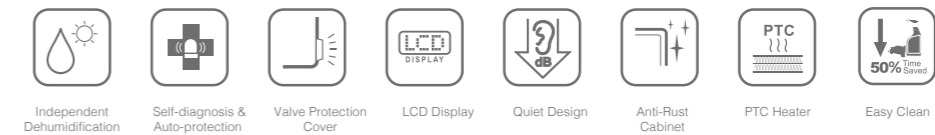
Indoor unit



Outdoor unit



FEATURE



SPECIFICATION



Model No	Indoor Unit		MFGA48-CRN13	MFGA60-CRN13
	Outdoor Unit		MOU48-CN13	MOU60-CN13
Power Supply		V/Ph/Hz	380-415/3/50	
Cooling	Capacity	Btu/h	48000	60000
	Rate Input	W	5150	6000
	Rate Current	A	8.7	11
Max. Input Consumption		W	6100	8500
Max. Current		A	12	13
Indoor Airflow (Hi/Mi/Lo)		m³/h	1802/1595	2452/2035
Indoor Sound Pressure Level		dB(A)	55.6/52.2	52.3/48.2
Drainage Pipe Outlet Diameter		mm	ODφ25	ODφ25
Indoor Unit	Dimension (W*D*H)	mm	550x350x1800	610x390x1925
	Packing (W*D*H)	mm	1910x685x540	2050x745x545
	Net/Gross Weight	Kg	49/65	59/79
Compressor	Type		Scroll	Scroll
	Input	W	4750	5750
Rated Current (RLA)		A	8	10
Outdoor Sound Pressure Level		dB(A)	62.4	65.1
Outdoor Unit	Dimension (W*D*H)	mm	900x350x1170	900x350x1170
	Packing (W*D*H)	mm	1032x443x1307	1032x443x1307
	Net/Gross Weight	Kg	91.3/102.9	92.3/104
Refrigerant Charge (R410a)		g	3.05	3.05
Refrigerant Pipe	Liquid, Gas	Inch	3/8", 3/4"	3/8", 3/4"
	Max. Length	m	50	50
	Max. Diff. in Level	m	25	25
Operation Temperature Range		°C	17 to 30	
Ambient Temperature		°C	21 to 43	

* Rating Conditions: DB/WB | Indoor Temperature: 27°C/19°C | Outdoor Temperature: 35°C/24°C

