



*MHA/MHD series
High Static Inverter Ducted Systems
MCC series
Cassette Split Systems*

Midea is the biggest air conditioning manufacturer in the world, with sales of over 20 million units last year, in over 150 countries. Midea not only sells under its own name but also manufactures for many of the world's biggest brands. So when you choose Midea, you can be absolutely confident you're choosing the most up to date and reliable technology available.



MIDEA • has its headquarters in Guangdong China, covering over one million square metres (pictured above) • sells in over 150 countries and regions worldwide • makes over 1,000 different commercial products • employs over 1,000 engineers, including 300 R&D engineers • maintains over 40 testing centres and 29 R&D laboratories • has over 300 new products under development • has filed over 100 patents

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Don't risk your warranty! Ensure that your installer is qualified and licensed.



“Midea is the biggest air conditioning manufacturer in the world!”

Year round comfort, all round the house

A Midea Ducted Inverter System puts total climate control right at your fingertips. And when you've worked hard making your home as attractive and comfortable as possible, it's the perfect solution in every respect. Multi-room, year-round comfort is delivered through discretely designed and positioned air vents supplied by your specialist air conditioning dealer. Your dealer will also design all the ductwork in your ceiling to provide the best mix of air distribution and

quietness. And your Midea outdoor unit gives you all of the benefits of an inverter unit, delivering the precise amount of cooling or heating required to maintain your living space just the way you like it. Cassette systems are another efficient alternative for homes, shops and offices using stylish ceiling mounted panels to distribute heating or cooling evenly over larger spaces.

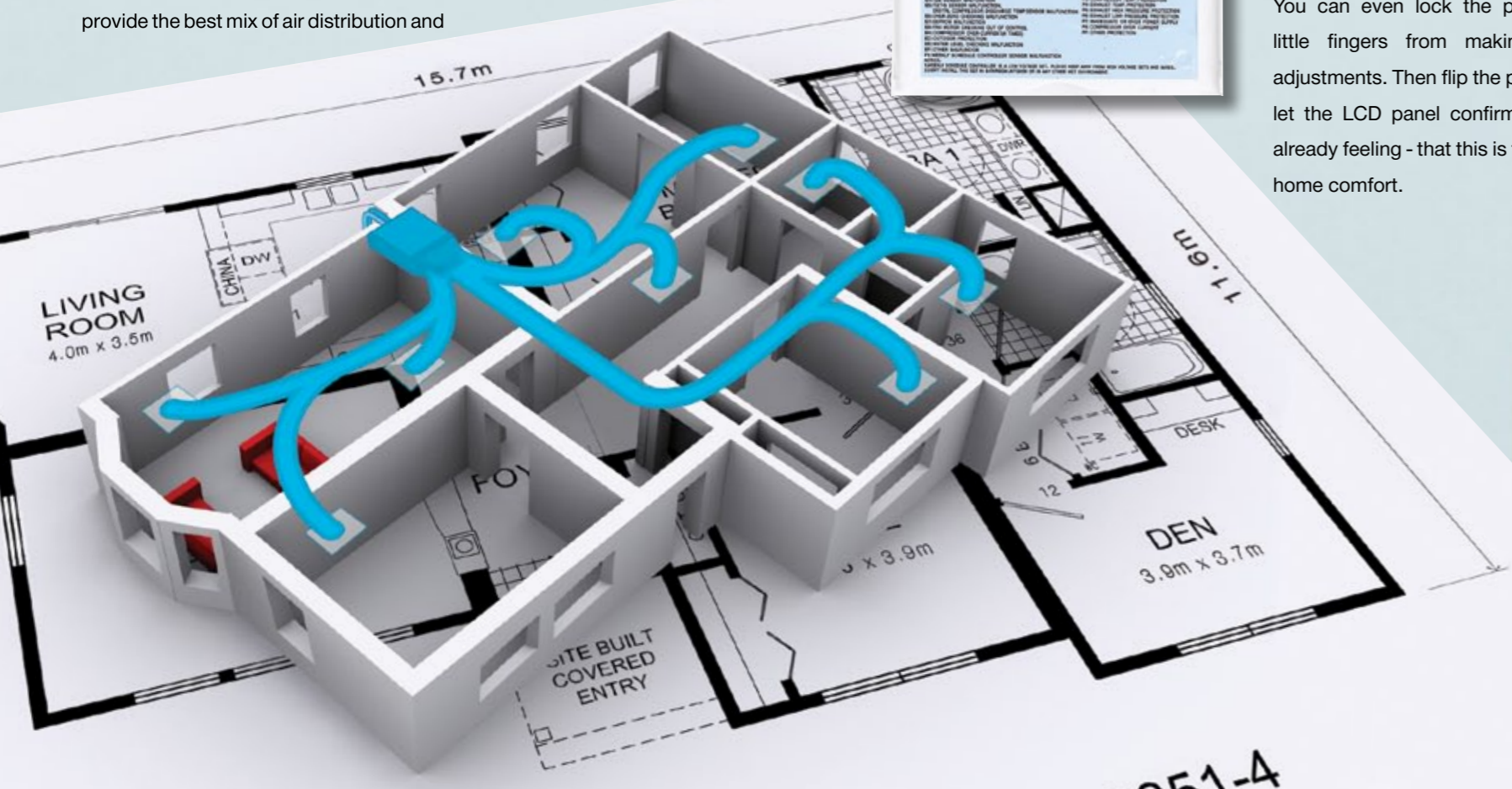


Total Comfort At Your Fingertips

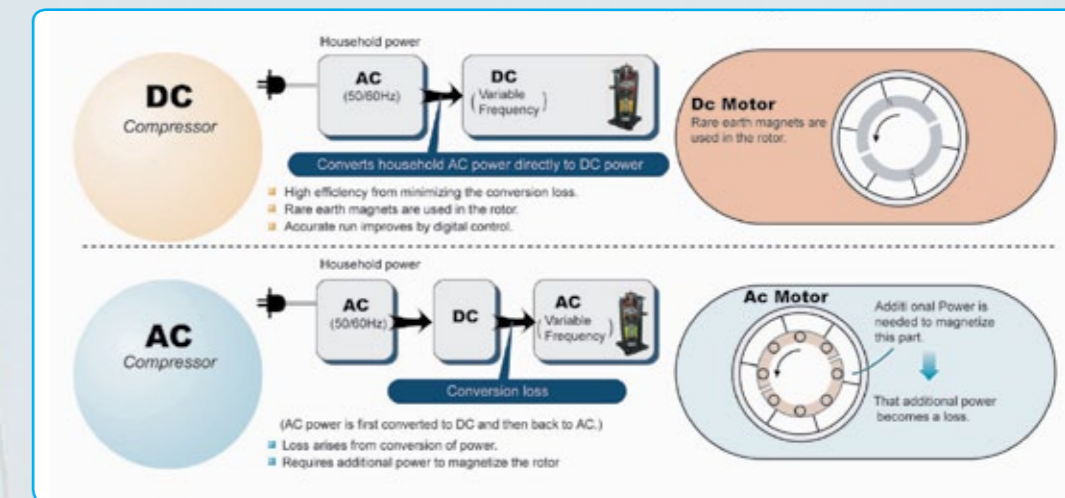
Your wall mounted control panel lets you adjust all the features of your Midea ducted unit to suit your own needs.

Temperature setting, timer functions for one day or a week at a time and fan speeds are just some of the functions you can control from your control panel.

You can even lock the panel to keep little fingers from making unwanted adjustments. Then flip the panel shut and let the LCD panel confirm what you're already feeling - that this is the ultimate in home comfort.

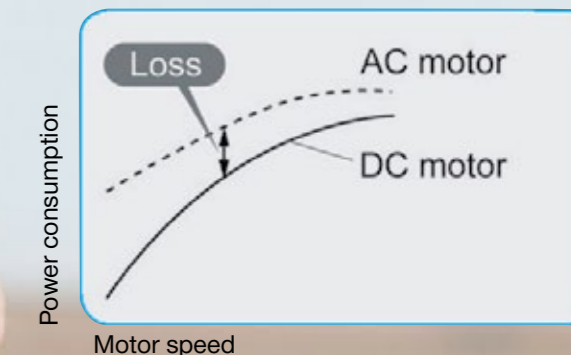


DC Compressor Technology saves energy, cuts costs



Midea's range of DC Inverter split ducted systems offer real savings in energy consumption and provide reliable, even room temperature with quiet operation.

DC motor cuts surplus electricity usage



Ducted Systems

Rotary DC Compressor Technology

Midea uses only premium brand rotary compressors in its single phase split ducted models, thanks to technology sharing arrangements with many noted Japanese and U.S. companies.

Blue Fin Anti-Corrosive Coating

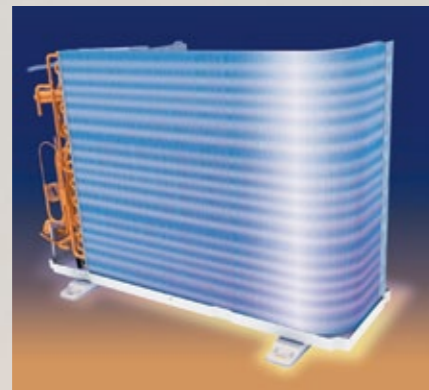
This corrosion resistant material on the condenser fins enhances the heat exchange capacity of the outdoor unit and extends the working life of your air conditioner.

Anti-Rust Casings

Gives your outdoor unit the best possible chance of withstanding the worst that nature can serve up. When designing the anti-rust condensers, Midea subjected the units to testing under a salt water spray for over 1,000 hours.

Service Valve Cover

Protects the outdoor unit by capturing any water condensation on the service valves as well as guarding against accidental impact.



Wired Back-Lit Weekly Timer

Control with true Stop/Start function allows for flexibility to program the operation of your system around your busy lifestyle.

Built-In Electronic Diagnostics

Built-in state-of-the-art Electronic Diagnostics making servicing precise. Your unit can be repaired in the shortest possible time in the unlikely event of a service issue.

Pre-Charged

Units are pre-charged for a generous 20 metre pipe run to reduce installation costs.

Intelligent Refrigerant Adjustment

Electronic expansion valves ensure the flow of refrigerant to your indoor unit reflects the exact demand conditions. They also reduce much of the noise generated by capillary type expansion valves.

Optimised Outdoor Fan Design

Midea has paid considerable attention to the design of the outdoor fans to make them substantially quieter than previous models, while at the same time increasing air flow and performance.

Warranty

A further measure of comfort is provided by a five year warranty.



Specifications

Indoor Unit		MHD-24HRDN1-Q		MHD-30HRDN1-Q		MHD-36HRDN1-Q		MHD-48HWDN1-QC3		MHD-60HWDN1-QC3		MHA-60HRDN1-C2		
Function		Cooling	Heating	Cooling	Heating	Cooling	Heating	Cooling	Heating	Cooling	Heating	Cooling	Heating	
Rated Capacity	KW	7.05	7.70	9.00	11.00	10.00	11.90	13.70	16.00	15.20	16.40	15.50	16.50	
Capacity Range	KW	1.6-7.9	1.8-8.6	3.0-13.0	3.7-14.0	3.0-13.0	3.7-14.0	3.4-15.6	4.2-16.5	4.2-16.5	5.0-17.5	4.3-16.5	4.8-17.0	
Rated Input	KW	2.41	2.21	2.90	3.30	3.30	3.50	4.66	4.71	5.14	5.23	5.25	5.30	
EER /COP	w/w	2.93	3.48	3.10	3.33	3.03	3.40	2.94	3.40	2.95	3.14	2.95	3.11	
AEER/ACOP	w/w	2.88	3.31	2.99	3.38	2.91	3.26	2.91	3.35	2.94	3.02	2.84	3.26	
Rated Current	A	11.2	9.70	12.9	14.3	14.8	16.1	20.2	20.4	22.3	22.7	9.2 per phase	9.0 per phase	
Power Supply	V-Ph-Hz	220~240-1-50		220~240-1-50		220~240-1-50		220~240-1-50		220~240-1-50		380~415-3-50		
Indoor Air Flow (Lo-Hi)	L/S	430-495		645-880		645-880		810-1175		810-1175		810-1175		
Ext Static Pressure	Pa	100		100		120		120		150		150		
Indoor Sound Pressure Level (Lo-Hi)	dB(A)	44-49		45-51		45-51		51-59		51-59		51-59		
Outdoor Sound Pressure Level @ 1m	dB(A)	53		59		59		60		60		60		
Outdoor Sound Power Level	dB(A)	64		70		70		71		70		71		
Indoor Dimensions (Nett) Add 80mm to width for service valve clearance	Height (mm)	400		400		400		400		400		400		
	Width (mm)	856		1200		1200		1200		1400		1200		
	Depth (mm)	714		714		714		714		808		714		
Indoor Unit Weight (Nett)	kg	54		76		76		78		88		78		
Drain Pipe Outside Dimension	mm	32		32		32		32		32		32		
Plenum Size	Supply Air	mm	300 x 220		900 x 249		900 x 249		900 x 249		995 x 339		900 x 249	
	Return Air	mm	510 x 339		995 x 339		995 x 339		995 x 339		1160 x 317		995 x 339	
Outdoor Unit Dimensions (Nett) Add 80mm to width for service valve clearance	Height (mm)	862		966		966		1245		1245		1245		
	Width (mm)	895		990		990		940		940		940		
	Depth (mm)	313		354		354		360		360		360		
Outdoor Unit Weight (Nett)	kg	71		82		82		124		124		124		
Compressor	Type	Rotary		Rotary		Rotary		Scroll		Scroll		Scroll		
Refrigerant (Units pre-charged for 20m pipe run)	Type/g	R410A/2750		R410A/2750		R410A/2750		R410A/4700		R410A/5000		R410A/4700		
Refrigerant Piping	Liquid Side/Gas Side	mm	9.52 (3/8")/16 (5/8")		9.52 (3/8")/16 (5/8")		9.52 (3/8")/16 (5/8")		9.52 (3/8")/19 (3/4")		9.52 (3/8")/19 (3/4")		9.52 (3/8")/19 (3/4")	
	Max Pipe Length	m	25		30		30		50		50		50	
	Max Height Difference	m	10		20		20		25		25		25	
Operation Range (Indoor)	°C	17~30		17~30		17~30		17~30		17~30		17~30		
Ambient Temperature Range (Cooling/Heating)	°C	17~43/-15~24		17~43/-15~24		17~43/-15~24		17~43/-15~24		17~43/-15~24		17~43/-15~24		

All products registered for MEPS in accordance with AS/NZ 3823.2:2009. Running current is at rated conditions and does not include compressor start-up or variations in power supply or load requirements. Design and specifications subject to change.

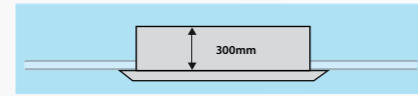
Cassette Type Split Systems



Cassettes are ideal for residential and commercial spaces. Midea's unique Blue Fin condensers, with all the features described on the previous page, deliver air through discrete and stylish ceiling panels. 3-D screw fan technology distributes the air from each of the four vents for fast, even, 360° heating or cooling.

Compact Machine Body

(MCC-30HRDN1-Q, MCC-48HRDN1-QC3)



For easier installation and maintenance.

L.E.D. Digital Tube Display

Midea has paid a lot of attention to the design of the outdoor fan to make them substantially quieter than previous models, while at the same time increasing air flow and performance.

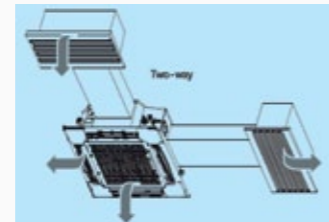


Double Swing Motor

Two separate motors drive the vents through a full 40° for maximum control and comfort. Wide vanes provide better air and temperature distribution.

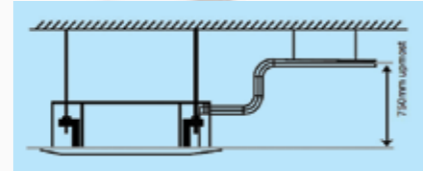
Room for Expansion

Reserved spaces for air side-outlet to connect ductwork to another nearby room.



Built-in Water Pump

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



A Breath of Fresh Air

Indoor air quality can be further enhanced by adding fresh air intakes.



Wall Mounted Control Panel

Functions include temperature setting, fan speeds and timer functions for one day or a week at a time.

Five Year Warranty



Specifications

Indoor Unit		MCC-30HRDN1-Q	MCC-36HRDN1-Q*	MCC-48HRDN1-QC3			
Outdoor Unit		MOU-30HND1-Q	MOU-36HND1-Q	MOU-48HND1-QC3			
Function		Cooling	Heating	Cooling	Heating	Cooling	Heating
Rated Capacity	KW	9.00	10.8	9.80	11.45	13.40	13.50
Capacity Range	KW	2.9-12.4	3.7-13.2	2.9-12.4	3.7-13.2	3.4-14.0	4.2-16.0
Rated Input	KW	2.98	3.53	3.27	3.70	4.57	4.22
Rated Current	A	13.2	15.7	14.3	16.2	20.0	18.5
EER/COP	W/W	3.02	3.06	3.00	3.09	2.93	3.20
AEER/ACOP	KW / KW	2.980	3.029	2.830	2.944	2.902	3.053
Power Supply	V-Ph-Hz	220-240-1-50		220-240-1-50		220-240-1-50	
Max Input Consumption	W	4800		4800		7115	
Max Input Current	A	22		22		22	
Indoor Air Flow (Lo-Hi)	L/S	325-425		325-425		355-500	
Indoor Sound Pressure Level (Lo-Hi)	dB(A)	41-44		41-44		45-53	
Outdoor Sound Pressure Level (Hi)	dB(A)	59		59		60	
Outdoor Sound Power Level (Hi)	dB(A)	70		70		71	
Indoor Unit	Dimension (WxHxD)	mm	840x840x300	840x840x300	840x840x300	840x840x300	840x840x300
	Packing (WxHxD)	mm	955x955x317	955x955x317	955x955x317	955x955x317	955x955x317
	Net/Gross Weight	Kg	33/39	33/39	33/39	42/50	42/50
Panel	Dimension (WxHxD)	mm	950x950x55	950x950x55	950x950x55	950x950x55	950x950x55
	Packing (WxHxD)	mm	1035x1035x90	1035x1035x90	1035x1035x90	1035x1035x90	1035x1035x90
	Net/Gross Weight	Kg	6/9	6/9	6/9	6/9	6/9
Outdoor Unit	Dimension (WxHxD)	mm	990x966x354	990x966x354	990x966x354	940x1245x360	940x1245x360
	Packing (WxHxD)	mm	1120x1100x435	1120x1100x435	1120x1100x435	1058x1300x438	1058x1300x438
	Net/Gross Weight	Kg	82/86	82/87	82/87	124/130	124/130
Refrigerant	Type/g	R410A/2750		R410A/2750		R410A/4700	
Compressor	Type	Rotary		Rotary		Scroll	
Refrigerant Piping	Liquid Side/Gas Side	mm (")	9.52 (3/8")/16 (5/8")	9.52 (3/8")/16 (5/8")	9.52 (3/8")/19 (3/4")	9.52 (3/8")/19 (3/4")	9.52 (3/8")/19 (3/4")
	Max Pipe length	m	30	30	30	50	50
	Max Difference in Levels	m	20	20	20	25	25
Drain Piping		OD32		OD32		OD32	
Operation Temperature	°C	17~30		17~30		17~30	
Ambient Temperature	°C	17~43/-15~24		17~43/-15~24		17~43/-15~24	

Noise level values reflect levels in an echo chamber. Design and specifications subject to change without notice for product improvement. * Model not available in South Australia.