



PRODUCT CATALOGUE

LIGHT COMMERCIAL AIR CONDITIONER

2024

MIDEA GROUP

is a Fortune 500 company, with robust business growth across multiple sectors. We believe in humanizing-technology and provide customized solutions for smart home appliances, electro-mechanical, building technologies, robotic&automation and digital innovation.

Leading pioneer



World's No.1 Residential Inverter Air Conditioner Company

Euromonitor International (Shanghai) Ltd., measured in terms of total production volume of residential inverter air conditioners (including OEM brands) in 2022, based on research conducted in Jul 2023. Inverter air conditioners refer to air conditioners installed with variable-speed drives.

Robust enterprise



#278 on the Fortune Global 500

Midea has entered the Fortune Global 500 for 8 consecutive years from 2016, ranked 278th in 2023.

Reliable partner

Credit Rating "A" by S&P Global Ratings

Midea Group owns the highest credit rating among private manufacturing companies in China, being one of the few internationally with A or above rating.

Empower society

China Top 50 Sustainable Development Industrial Enterprises

Midea Group is awarded by Forbes for its outstanding performance in green manufacturing, carbon neutrality, sustainable development and ESG construction.

Connected worldwide



#Worldclass Sponsorship with Manchester City

Midea Group and Manchester City have been kicked off global partnership since 2020 and launched several award-winning campaigns.

Enterprise history

Keep forging ahead and embrace what's next.

- **1968** Mr.He Xiangjian led a group of 23 Biejiao residents to start the business with only ¥5,000.
- **1981** The company registered the "Midea" trademark, which marked the birth of the Midea brand.
- **1985** Midea entered the AC industry, establishing the exploration of new product categories in home appliances industry.
- **1990** Midea invested more than ¥100 million to build the first high-end industrial park.
- **2000** Midea held the Millennium Ceremony to mark the start of a new era. In the same year, the sales revenue of Midea exceed ¥10 billion.
- **2004** Midea further diversified its product portfolio by carrying out a series of mergers and acquisitions. It expanded its business to refrigerator, washing machine and other white goods.
- **2007** Midea built its first overseas manufacturing base in Vietnam.
- **2010** Midea's sales revenue exceeded ¥100 billion. In the same year, Midea's new headquarters building went into operation.
- **2012** He Xiangjian, the founder of Midea, resigned from the Board, and Paul Fang was named as the new chairman.
- **2013** Midea Group became the first company in mainland China that successfully privatized the listed company and the group went public.
- **2016** Midea first entered the Fortune Global 500 list and was the first Chinese household appliances company to be included on the list.
Midea acquired 80.1% equity of Toshiba Lifestyle Products & Services Corporation and acquired 80% equity of Clivet.
- **2017** Midea acquired 94.55% equity of KUKA and 79.37% equity of SERVOTRONIX, officially entering the robotics and automation industry.
- **2019** Ranked 307th on Fortune Global 500.
- **2021** Midea's revenue exceeded ¥300 billion.
Ranked 288th on Fortune Global 500.
- **2023** 55th anniversary.
Midea has entered the Fortune Global 500 for 8 consecutive years from 2016, ranked 278th in 2023.



ROUND FLOW COMPACT CASSETTE

Standard Features:



Sleep Mode



Wide-angle
Air Flow



Independent
Dehumidification



Auto
Defrosting



Build-in Drain
Pump



2-way
Draining



Auto Restart



Remote
Control



Golden
Fins

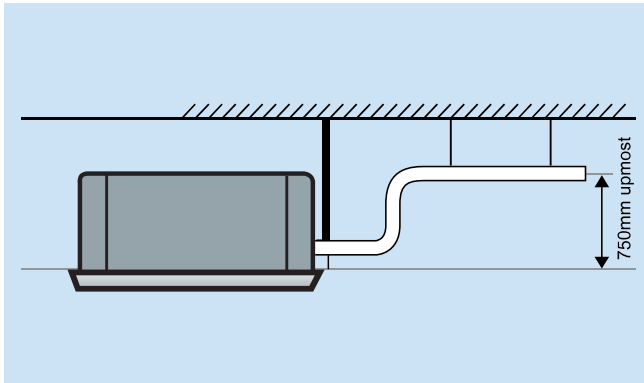
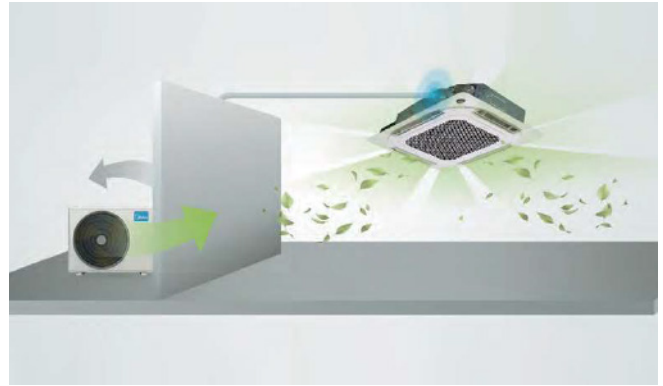
Appearance



Real Health Without Concerns

Fresh Air

Outdoor air can be led into the room via a connection pipe, which keeps the indoor air fresh and healthy.

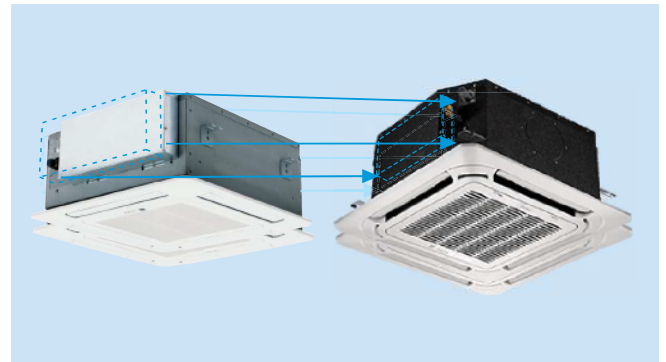


Build-in Drain Pump

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

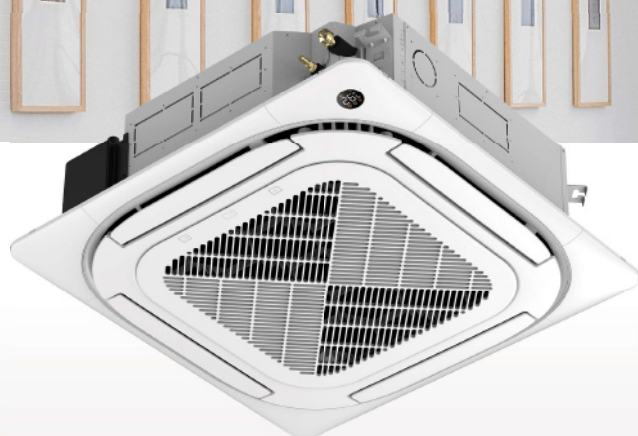
E-box Inside

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.



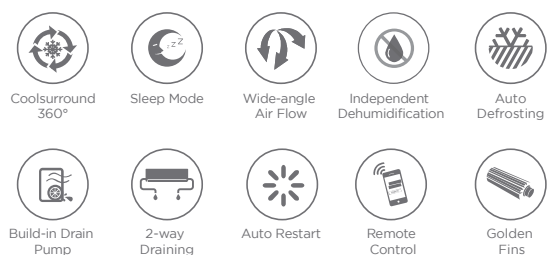
Wired Controller

Compared with infrared remote controller, wired controller can be fixed on the wall and avoid mislaying. It's mainly used for commercial zone and makes air conditioner control more convenient.

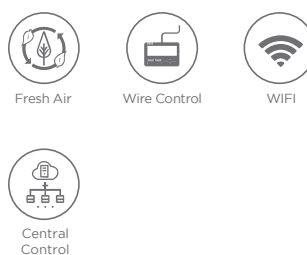


SUPER SLIM ROUND FLOW CASSETTE

Standard Features:



Optional Features:



Appearance



Built-in Drain Pump

The drain pump can lift the condensing water up to 750mm, which is convenient to install drainage pipes under most conditions.



Dual Filtration System (optional)

Eliminate harmful substances in two successive steps and provide fresh and clean air for you.



Step 1 Full High Density Filter

blocks out dust particles and other airborne impurities as initial screening.

Dog hair Dead mite feces Fung

Step 2 Mirco Protection Filter

removes the pollen (allergen), smoke and micro-dust under $0.3\mu\text{m}$, further ensuring cleanliness.

Flower pollen Bacteria Car exhaust fumes Smoke

Water Tray

The water tray is specially upgraded from anti-corrosion plastic material, increased thickness and optimized structure, ensuring greater durability and longer product life.



Cassette Specifications

Appearance



Optional Features:



Fresh Air



Wire Control



WIFI



Central Control

INDOOR MODEL NO.				MCCTV18HRN3	MCCTV24HRN4	MCCTV30HRN2
Power Supply			V,Hz,Ph	230V,1Ph,60Hz	230V,1Ph,60Hz	230V,1Ph, 60Hz
SEER				13.30	13.90	13.00
Energy Class				C	C	C
Cooling(T1)	Capacity		Btu/h	18200(~21000)	21600(~29600)	21600(~29600)
	Input		W	1433	1735	2160
	Current		A	6.55	7.55	13.6
	EER		(Btu/h)/W	12.70	12.45	12.5
Cooling(T3)	Capacity		Btu/h	15700	18900	24200
	Input		W	1754	2216	2750
	Current		A	7.8	9.60	17.20
	EER		(Btu/h)/W	8.95	8.55	8.80
Heating	Capacity		W	5300	6750	9300
	Input		W	1415	1776	2513
	Current		A	6.2	7.70	11.40
	COP		W/W	3.75	3.80	3.7
Indoor air flow (Hi/Mi/Lo)			m3/h	1225/1100/945	1490/1340/1210	1950/1750/1550
Indoor noise level (Hi/Mi/Lo)			dB(A)	42/40/38	47.5/45/43	52.1/49.6/47.3
Indoor unit	Body	Dimension (W*D*H)	mm	830x830x245	830x830x245	910x910x287
		Packing (W*D*H)	mm	910x910x290	910x910x290	1015x1015x322
		Net/Gross weight	Kg	24.3/28.9	24.5/29.2	34.4/41.3
	Panel	Dimension (W*D*H)	mm	950x950x55	950x950x55	1020x1020x50
		Packing (W*D*H)	mm	1035x1035x90	1035x1035x90	1115x1115x107
		Net/Gross weight	Kg	6/9	6/9	5.8/9.5
Design pressure			MPa	4.8/1.5	4.8/1.5	4.8/1.5
Refrigerant piping (Liquid side/ Gas side)			mm(inch)	6.35(1/4in)/12.7(1/2in)	9.52(3/8in)/15.9(5/8in)	9.52(3/8in)/19(3/4in)
Thermostat Type				Remote Control	Remote Control	Remote Control
Operation Temperature			℃	16~30	16~30	17~30
Room temperature	Cooling	℃	17~32	17~32	17~32	
	Heating	℃	0~30	0~30	0~30	
OUTDOOR MODEL NO.				MCCTV18HRN3	MCCTV24HRN4	MCCTV30HRN2
Power Supply			V,Hz,Ph	220-240V,1Ph, 50/60Hz	220-240V,1Ph, 50/60Hz	220-240V,1Ph, 50/60Hz
Max. Input Consumption			W	2310	3200	4300
Max. Current			A	11.5	14	19.8
Outdoor noise level			dB(A)	58.5	58	65
Outdoor unit	Dimension (W*D*H)		mm	890x342x673	946x410x810	946x410x810
	Packing (W*D*H)		mm	995x435x750	1090x500x875	1090x500x885
	Net/Gross weight		Kg	41/44.3	58.6/63.2	64.9/69.6
Refrigerant type			Kg	R410A/1.6	R410A/2.2	R410A/3.2
Design pressure			MPa	4.8/1.5	4.8/1.5	4.8/1.5
Refrigerant piping	Liquid side/ Gas side		mm(inch)	6.35(1/4in)/12.7(1/2in)	9.52(3/8in)/15.9(7/8in)	9.52(3/8in)/19(3/4in)
	Max. refrigerant pipe length		m	25	25	30
	Max. difference in level		m	15	15	20
Ambient temperature	Cooling	℃	0~52	0~52	0~52	
	Heating	℃	-15~24	-15~24	-15~24	