

Midea

مكيفات هايديا



CASSETTE

Features:



Easy To Install
Structure Upgraded
Improves Efficiency



Easy To Maintain
Quick and Easy



Rapid Cooling
Cools the Entire Room
in Just Minutes.



External Drain Pump
Flexible Service Access



Reliability
Trustworthy Quality



Prime Guard
Build to Last



360° Round Flow
Uniform Cooling



Smart Control
Effortless Management



ECOMASTER
Master AI Saving
Better Comfort Cooling



INVERTER

Appearance



HUSSEIN & AL-HASSAN G SHAKER BROS.

H&H SHAKER

HH-SHAKER.COM.SA



شركة الأخوان حسين والحسن غازي شاکر



HSHAKERCO

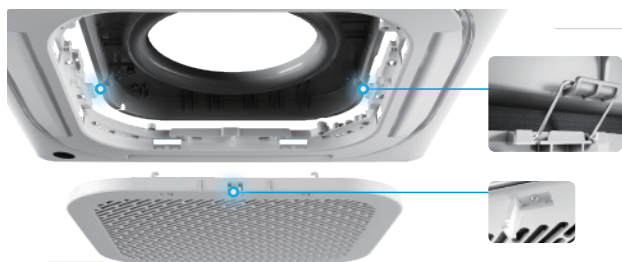
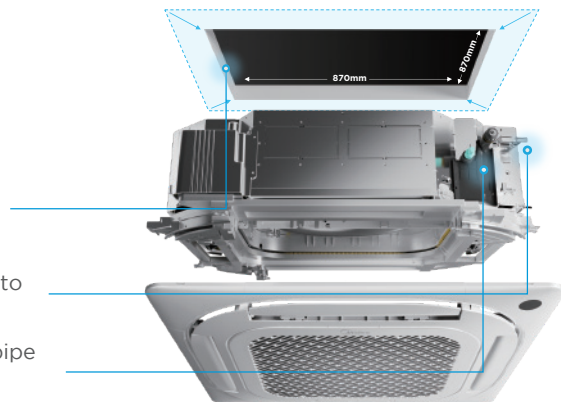
الرقم المودد

8002440247

Easy To Install

1 Smoother & Safer Operation

- **Adapts to Common Sizes**—Ceiling opening optimized to **870mm** (reduced from 900mm), aligning with common opening sizes to streamline replacements and new installations.
- **Worker-Safe Finishing** – All metal edges are rolled smooth, removing sharp burrs to protect installers during handling.
- **Practical Pipe Layout** – With staggered pipe joints (30mm offset) and **65mm** pipe spacing, the design ensuring straightforward and efficient connection work.



2 Faster & One-Step Mounting

The innovative pre-hanging panel design enables a true one-person operation. With two hooks for hanging (no corner covers to remove) and a single bolt for fastening air inlet grille, it streamlines both initial installation and any future service.

3 Lighter & Easier to install

With a fully lightweight design that reduces overall weight by at least 9%—a figure on par with industry leaders—we make lifting, hoisting, and mounting noticeably easier for a single technician.

Compact DC motor

Full-range DC motors offer a weight and size advantage over traditional AC units.



Consolidated panel parts

Reduce component count and weight, achieving leading benchmarks.



One-piece molded centrifugal fan

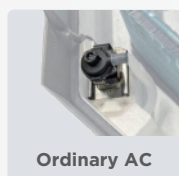
Delivers stronger structure and lighter weight.



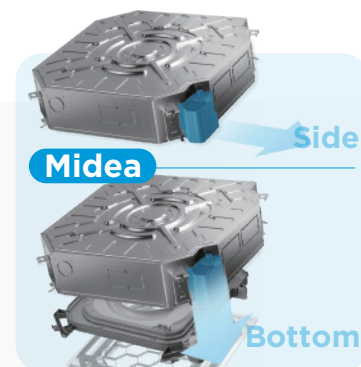
Easy to Maintain

1 External Pump With Flexible Access For Any Site

The pump is designed for removal and installation from both the bottom and the side. Ensuring quick service or replacement in any condition and eliminating downtime due to site constraints.



Ordinary AC



2 Easy Access To Core Components

Servicing the motor and fan is now straightforward. Simply remove a few screws for the airflow guide and control box, then flip the assembly to gain direct access. This eliminates the need to remove the drain pan or disconnect complex wiring.



Conventional Designs

7 Screws To Remove

Midea

4 Screws To Remove

3 Clear Fault Alerts Universal Service Board

Unified PCB

Integrates the main controller and driver boards into one unified PCB, eliminating interconnecting wiring harnesses for easier installation and maintenance.

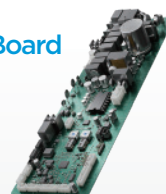


Open for Expansion

Comes with standard hardware ports for easy addition of remote alarm(CN33) and WiFi modules(CN38), enabling monitoring and preventive maintenance.

Direct Fault Codes

The mainboard features built-in detection for pump and DC fan motor failures. If an abnormality occurs, the display will show a specific error code (e.g., FH12), making problem identification instant and cutting diagnosis time.



Runs Reliable

Reliable from the Start

Full Protective Packaging:
Prevents transport damage



Reinforced Chassis for
Over 20% Less Vibration

Core Designs for Dependable Performance

One-piece Fan Wheel

prevents cracking and imbalance, guaranteeing stable airflow. Its lightweight design also reduces stress and damage risk upon impact.



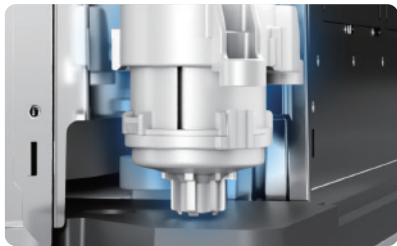
Full-Range DC Motors

Deliver inherently smoother, quieter operation and a significantly longer operational lifespan than traditional AC motors.



The High-efficiency DC Pump

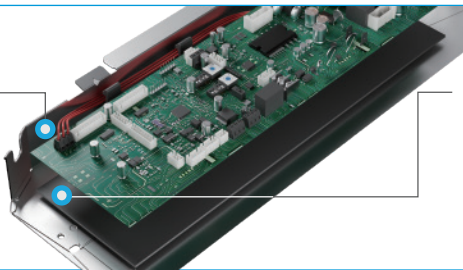
delivers quieter performance, smoother operation, superior drainage, and great.



The Reliable electrical Box

Built-in Wire Channels

The mainboard features a protective plastic baseplate, a guard against shorts and damage that direct metal mounting simply cannot provide.

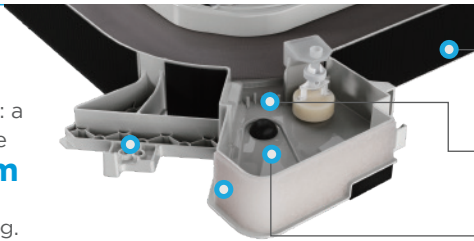


Extra Layer of Protection

The mainboard features a protective plastic baseplate, a guard against shorts and damage that direct metal mounting simply cannot provide.

One-piece molded drain pan

The drain pan and mounting plates: a single, molded piece of ABS, 2X the thickness of typical pans (**2.2mm** vs. 0.8-1.0mm), provides superior resistance to corrosion and cracking.



Enhanced Backing: A 16mm embossed sponge provides noise reduction and condensation control versus basic EPS foam.

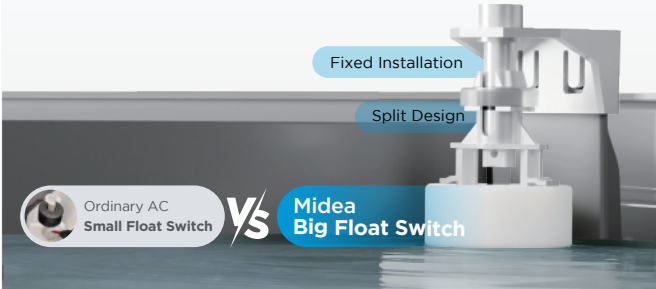


Clog Prevention: An integrated debris guard stops blockages at the source.

Optimal Drainage: A mirror-polished interior ensures over 99% water evacuation, preventing stagnation and microbial growth.

Proactive Water Protection

Features a large, separated float switch, more clog-resistant than small floats, and it stays dry for reliable operation. Combined with pump self-diagnostics, this dual anti-flooding system eliminates leakage risks at the source.



Sealed & Quiet One-Piece Chassis

Midea's design innovatively integrates dense foam with the metal chassis as one seamless piece. This full-coverage structure optimizes airflow.



Effectively Prevents
Condensation



Improve
Insulation



Significantly Reduce
Operating Noise



TropicPRO Rapid Cooling

65°C

Non-Stop Cooling¹

52°C

100% Cooling Capacity²

The entire room cools

5.8°C

 in 10 Mins³

¹The performance data for the New Cassette 36K model was validated in Midea's laboratories. The initial indoor temp. 32°C, outdoor temp. 65°C.

²The performance data for the New Cassette 36K model was validated in Midea's laboratories. The indoor temp. 32°C, outdoor temp. 52°C.

³The performance data for the New Cassette 36K model was validated in Midea's laboratories. The initial indoor temp. 32°C, outdoor temp. 43°C; the entire room temp. dropped to 26.2°C within 10 minutes.



The New Airflow System:

A Breakthrough in
Efficiency and Silence

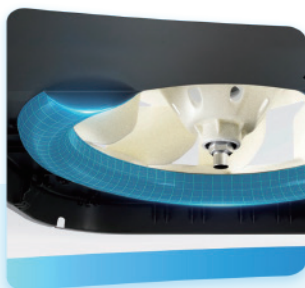
2300m³/h*

Air Volume

9m*

Airflow Distance

*The data is sourced from Midea Lab, and the testing model is the 36K New Cassette model.



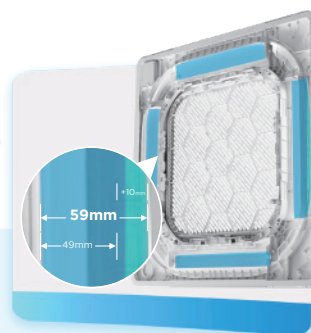
Large-arc Coanda Air Intake

Design and smooth airflow
ducts reduce airflow
resistance and operating
noise.



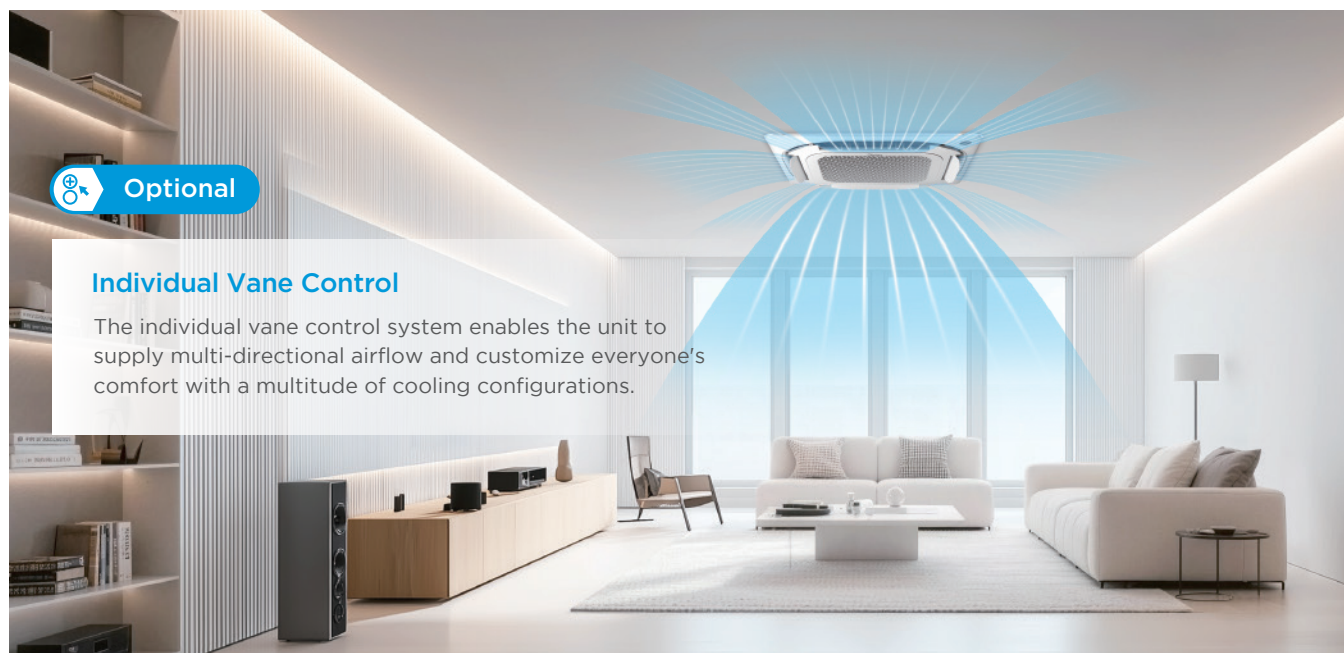
9-blade backward

Features a 9-blade backward
curved centrifugal fan for
stronger wind pressure and
longer air throw.



Widened air outlet (20%)

optimizes airflow distribution
for superior comfort.



Optional

Individual Vane Control

The individual vane control system enables the unit to
supply multi-directional airflow and customize everyone's
comfort with a multitude of cooling configurations.

Reliability & Durability

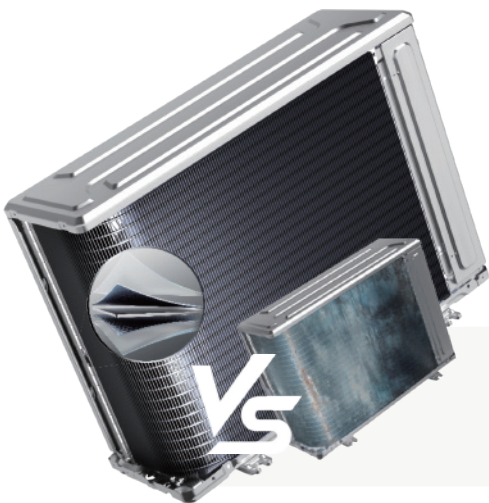
Prime Indoor Unit

Prime Fan Impeller
Integrated **One-piece** Fan
Impeller Engineered for Reliability

Prime Heat Exchanger
Midea's golden coating fin **2.5x** Corrosion
Resistance than Blue Coated Fins

Prime Drain Pan
One-Piece Injection-Molded Drain
Pan with Built-in Corrosion Protection

Prime Outdoor condenser

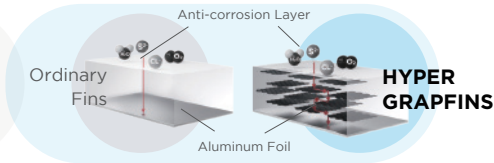


12.5X*
Corrosion Resistance
than Blue Coated Fins

* The judgment standard of corrosion resistance is based on comparing the maximum corrosion area ratio of the rating number in JIS Z 2371-2015. Compared samples are Midea fins: Midea blue coated fins in HD2202-2/HW3308, Midea HYPER GRAPFINS in HMD01/HW3308.

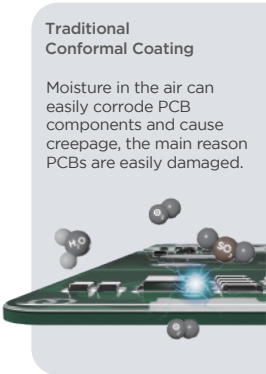
Prime Guard | HYPER GRAPFINS™

Graphene is a single monolayer of carbon atoms, tightly bound in a hexagonal honeycomb lattice. When graphene is added to the anti-corrosion layer, the density of the layer can be improved to resist corrosion.



Reliable pcb with UV conformal Coating

Curing using UV light, Greener and with 2x Thicker and Higher Density Protection.



With UV Coating

**2x
Thicker**

Difference	Traditional Conformal Coating	UV Conformal Coating
VOC (Volatile Organic Compounds)	50-80%	0
Thickness	10-30µm	> 70µm
Density	Low	High

Reliable pcb with UV conformal Coating

Corrosion Area
<0.02%

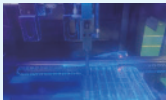
Rating Number
9.8

Verified by **intertek**
Total Quality Assurance

UV Coating Process

PCB Back

PCB Front



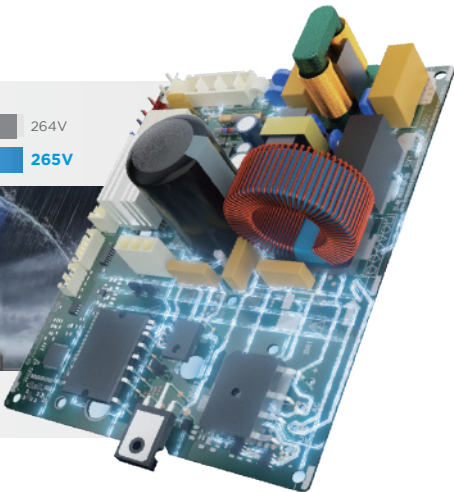
* Depended on the using industrial environment with salt contamination (Ref. ISO 21207: 2015, Annex A, test method B, JIS Z 2371:2015 Annex JC)
** The full rating number is 10.

Reliable pcb with wide voltage operation

Thanks to Ultra Electronic Control System, Midea's Inverter can work stably in 150V-265V*. Whether it is the peak of urban electricity consumption or the shortage of power supply in remote areas, it can always work consistently and smoothly.

* The voltage operation range of 150-265V.

CONVENTIONAL 184V 264V
MIDEA 150V 265V



Energy Saving

5-LEVEL GEAR CONTROL

By setting 5-level (L1-L5) adjustable power control, Midea enables more accurate power control to meet different usage scenarios, so users can lower the level of power to save energy or to ensure stable operation of major home appliances in case of power shortage.



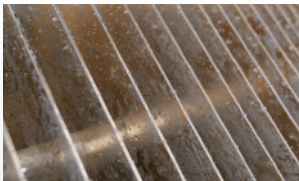
Master AI Saving Better Comfort Cooling

AI ECOMASTER leverage giga data to balance energy-saving and comfort needs.

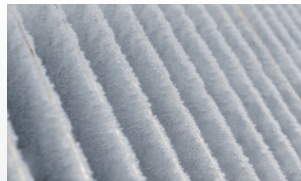


I-Clean

Removing dust and bacteria through deep cleaning of the indoor unit's evaporator, keeping the AC clean and performing well.



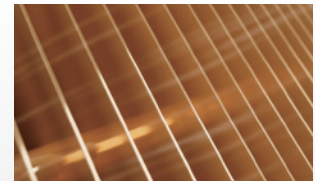
Condensed water:
at cooling mode & mid-speed wind



Frosting:
The temperature cools rapidly ($T \leq -10^{\circ}\text{C}$) and frost forms on the evaporator surface.



Washing:
Defrost into water to remove dust and dirt.



Drying:
Dry the evaporator to prevent mold growth

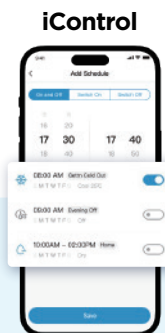
Smart Control Effortless Management

SmartHome
Smart Home
Smart Compatible



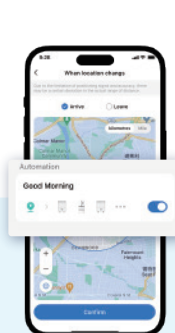
Heat Guard

Midea's 'Heat Guard' feature automatically activates your AC when room temperatures rise too high.



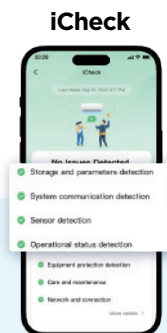
Schedule

Set personalized schedules to cut energy use, and easily adapt them in bulk for holidays or seasonal changes.



Location Based Service

Set personalized schedules to cut energy use, and easily adapt them in bulk for holidays or seasonal changes.



Intelligent check and diagnosis

iCheck inspects your appliances across 7 aspects, alerts you to any issues, and provides a detailed report with maintenance tips.

Product Specification

Model			MCCTV18HRD	MCCTV24HRD	MCCTV36HRD	MCCTV48HRD
Power Supply		V,Hz,Ph	230V-60Hz,1Ph	230V-60Hz,1Ph	230V-60Hz,1Ph	230V-60Hz,1Ph
SEER			15.10	15.55	15.00	15.05
Energy Class			B	B	B	B
Cooling (T1)	Capacity	Btu/h	19400(5800-21800) /5.70kW	25400(10000-30000) /7.45kW	35000(8150-40000) /10.25kW	44200(18600-56400) /12.95kW
	Input	W	1470(470-1860)	2048(770-3150)	2662(600-3700)	3426(1190-5500)
	Rated Current	A	6.60	9.00	11.93	15.20
	EER	Btu/h/W	13.20	12.40	13.15	12.90
Cooling (T3)	Capacity	Btu/h	18000/5.28kW	22000/6.45kW	31400/9.20kW	39000/11.45kW
	Input	W	1957	2486	3413	4194
	Rated Current	A	8.68	10.92	15.20	18.42
	EER	Btu/h/W	9.20	8.85	9.20	9.30
Heating	Capacity	W	5700	7550	10300	13500
	Input	W	1676	2288	2608	3915
	Rated Current	A	7.60	10.15	11.60	17.40
	COP	W/W	3.40	3.30	3.95	3.45
Rated Power Input		W	2400	3400	4500	6400
Rated Current		A	10.6	15	20.0	28.5
Indoor air flow (Hi/Mi/Low)		m³/h	1040/940/880	1150/1050/950	1950/1650/1500	1780/1600/1440
Indoor noise level (Hi/Mi/Low)		dB(A)	40/38/36.5	44.5/42.5/40.5	48.5/46/43.5	50/47.5/45
Indoor unit	Dimension (W*D*H) (Body)	mm	830x830x205	830x830x205	830x830x287	830x830x287
	Dimension (W*D*H) (Panel)	mm	950x950x55	950x950x55	950x950x55	950x950x55
	Packing (W*D*H) (Body)	mm	965x910x250	965x910x250	965x910x330	965x910x330
	Packing (W*D*H) (Panel)	mm	1035x1035x90	1035x1035x90	1035x1035x90	1035x1035x90
	Net/Gross weight (Body)	Kg	20/24.8	20.4/25.1	26.7/31.9	26.4/31.6
	Net/Gross weight (Panel)	Kg	5.4/7.8	5.4/7.8	5.4/7.8	5.4/7.8
Outdoor noise level		dB(A)	61	60	63.5	61
Throttle type		/	EXV+Throttle valve	EXV+Throttle valve	EXV+Throttle valve	EXV+Throttle valve
Outdoor unit	Dimension (W*D*H)	mm	890x342x673	890x342x673	946x410x810	952x415x1333
	Packing (W*D*H)	mm	995x398x740	995x398x740	1090x500x885	1095x495x1480
	Net/Gross weight	Kg	38.4/41.4	43/46.1	63.3/67.5	96.5/109.6
Refrigerant type		Kg	R32/1.3	R32/1.5	R32/2.0	R32/3.3
Design pressure		MPa	4.8/1.7	4.8/1.7	4.8/1.7	4.8/1.7
Refrigerant piping	Liquid side/ Gas side	mm(inch)	6.35mm(1/4in)/12.7mm(1/2in)	9.52mm(3/8in)/15.9mm(5/8in)	9.52mm(3/8in)/19mm(3/4in)	9.52mm(3/8in)/19mm(3/4in)
	Max. total pipe length	m	25	25	30	50
	Max. Elevation	m	15	15	20	30
Thermostat Type			Remote Control	Remote Control	Remote Control	Remote Control
Operation Temperature		°C	16-30	16-30	16-30	16-30



Rooted in Saudi Arabia, **Shaker Group** forms a robust network, opening doors for regional ventures, hosting global brands and fostering lasting bonds- Our commitment to our partners' needs drives our journey, which evolved from Jeddah beginnings to a major distribution network. Hussein and AL-Hassan Ghazi Shaker Bros. For Modern Trading Co. LTD is the latest company to carry our legacy the way others have since the group's founding in 1950 Utilizing AC expertise, we've redefined home appliances and AC solutions for the Saudi market. Our dedicated teams ensure an exceptional customer experience, embodying our ethos in every interaction

Midea Group is a world leading technology group offering diversified products, forming 7 business segments mix with the combination of both our To C and To B businesses, including Smart Home, Industrial Technology, Building Technology, KUKA, New Energy, Midea Healthcare and ANNTTO Logistics. Midea is committed to improving lives by adhering to the principle of "Creating Value for Customers". Midea focuses on continuous technological innovation to improve products and services, and to make life more comfortable and pleasant.

Founded in 1968 in Guangdong, China, after 58 years, Midea has successfully transformed into a world's leading technology group with multi-category, multiple business, and vertical integration around core technology.

The company's total revenue was USD 64.3 billion in 2025, YOY increase of 14.8%, Net profit attributable to shareholders of the company was USD 6.2 billion, YOY increase of 16.98%, all of which set new historical records for the company.

Midea Residential Air Conditioner Division (Midea RAC) is a business unit under Midea Group, integrating R&D, manufacture, sales, design, installation, and after-sales service, one of the world's leading HVAC manufacturer and professional air management solution provider.