



 Midea



PRODUCT CATALOGUE

2021

RESIDENTIAL AIR CONDITIONERS



Conscious cooling.

That's what Taqeef is all about. Finding the most advanced and efficient ways to cool our communities and help people work, rest and play in comfort. For today's generation and the next.



1972-82

Business start-up (Abu Dhabi)
O General partnership
Rapid expansion throughout UAE
Achieves Nol status in RAC

Tariq Al Ghusseini joins as CEO

Product diversification

1982-92



1992-2002

International expansion drive
Sudan opens



Residential AC
Supply



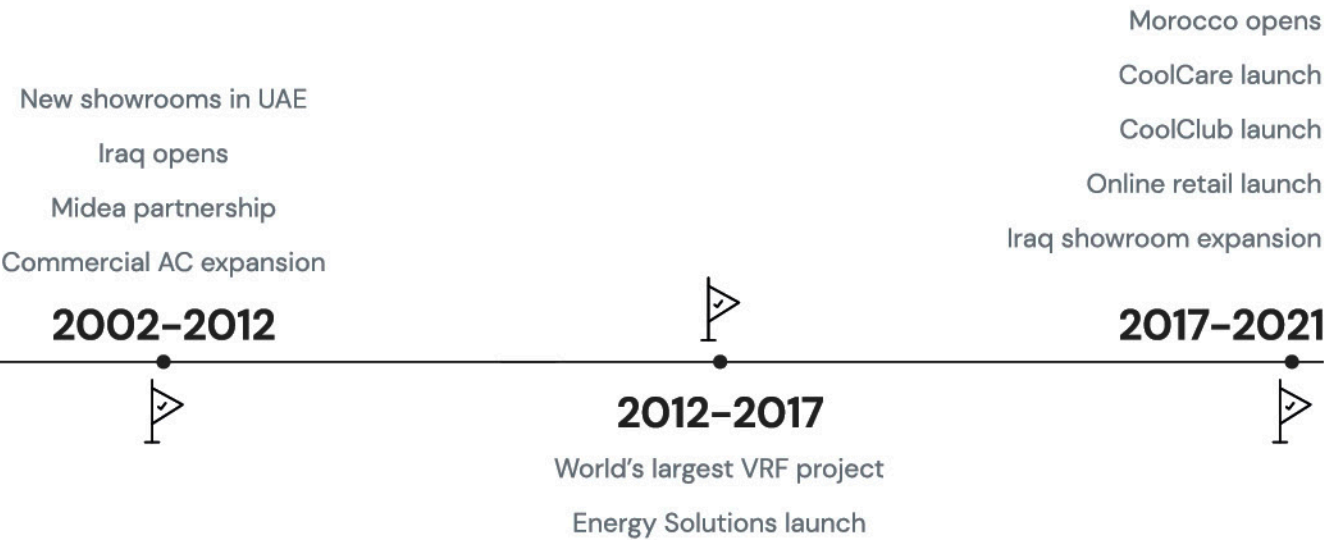
Commercial AC
Solutions



Annual Maintenance
Contracts

**For 50 years we've been innovating
to create new possibilities in the most challenging climates.**

We've pioneered game-changing AC technology in the region. We've redefined comfort in homes, business and communities. We've collaborated to put sustainability at the heart of all our HVAC solutions. And, we've brought incredible products and partners together to improve people's lives and the planet, one degree at a time.



Spare Parts



Energy Audits



Technical Training

Throwing shade

on summer heat for 50 years.

From our Dubai HQ we continue to search for tomorrow's technology while starting new conversations about the future of cooling throughout the UAE, Iraq, Sudan and Morocco.



UAE – Taqueef HQ

Taqueef HQ

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Iraq

Taqueef – Baghdad

Arsat Al Hindi, Locality 925,
Alley 23, Building 63, Baghdad

Email: m.maleek@taqeef.com
Tel: [+964 7709404315](tel:+9647709404315)



**As our world
evolves so do we.**

19

Service
locations

24h

Customer service
support

85

Technical
teams

750

Employees

200K

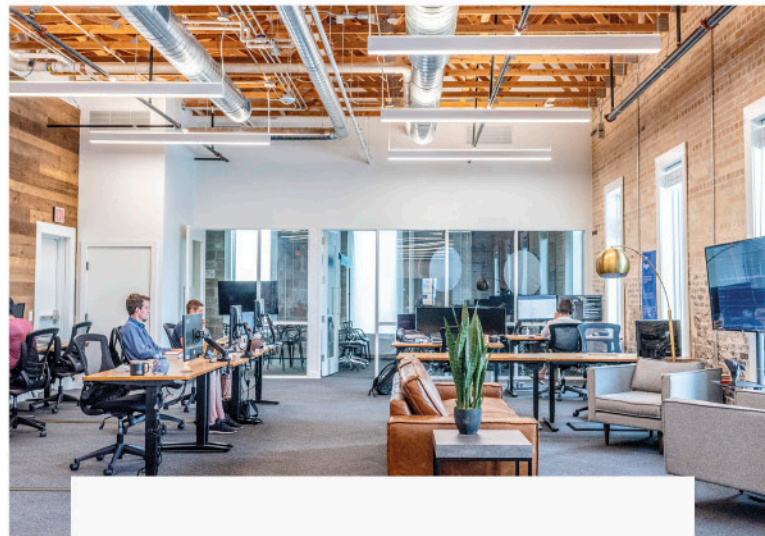
Stock unit
inventory



Sudan

Seapal Investments & Trading
Africa Street with Amarat 21
Street, Khartoum

Email: info@seapal-sd.com
Tel: +249 183492572



Morocco

Clima Taqueef
170 Angel Omar Al Khayam Et Bd
Sidi Abdelrahman, Etg 3, Apt. 9,
hay Raha, Casablanca

Email: info.clima@taqeef.com
Tel: +212 808 529 489



Midea Group

World's Leading Technology Group

- Founded in **1968**
- A world-leading technology group across fields of consumer appliances, HVAC systems, robotics and industrial automation systems
- Ranked **312th** in 2019 Fortune Global 500
- Ranked **245th** on 2018 Forbes Global 2000
- 2018 revenue of **39** billion USD
- Exporting to more than **200** countries





World's No.1 Air Treatment Company

- **11 Global** manufacturing bases
- Annual capacity of **67 million** sets of Air Treatment products
- Full range of residential AC products: Split, Window, Portable, Dehumidifier and Light Commercial
- Largest and most advanced CKD & SKD production lines in China

-
- **300 million USD** annual investment
 - **1000+ core R&D staff, 89 technology labs** including Midea & Toshiba-Carrier R410A DC Inverter Lab and Midea-Emerson Digital Scroll / Scroll Heating Application Lab
 - **6000+** global patents
 - **3000** engineers and inspectors supervising Quality System Management, Supplier Quality Assurance, Incoming/Quality/Final process Quality Control, and Customer Service & Improvement
 - **35** global quality certifications



-
- **40+** international design awards (2017-2018)



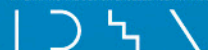
reddot

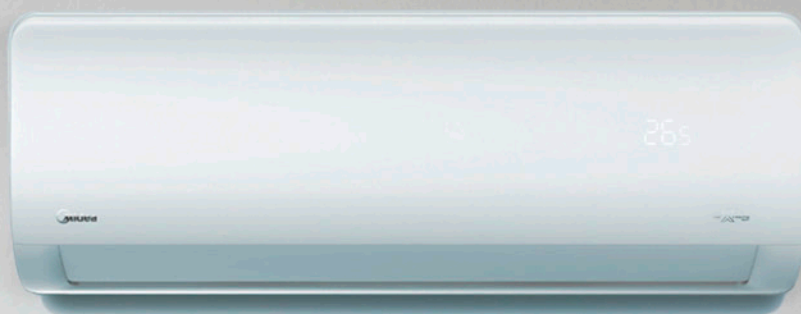


product design award



INTERNATIONAL DESIGN EXCELLENCE AWARDS





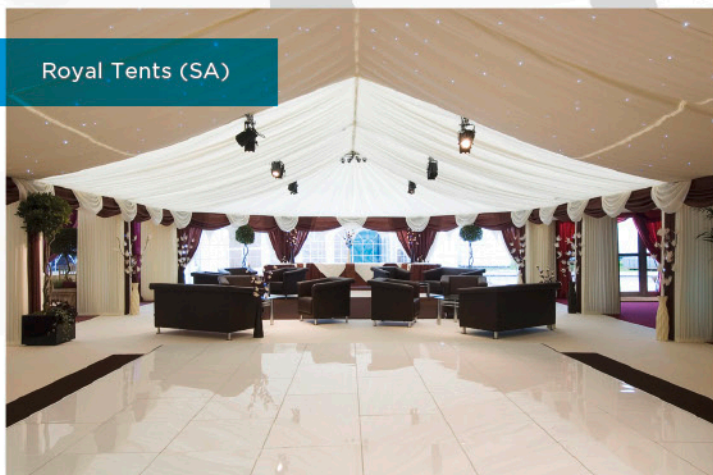
Midea AC Projects Worldwide





Midea has proven the superior technology and quality of its air conditioning solutions in 100+ major projects worldwide, with applications in 5- star hotels, hospitals, shopping malls, residential apartments, government facilities, and office buildings across countries including Spain, Italy, Turkey, United Arab Emirates, Kingdom of Saudi Arabia, Angola, Myanmar, Thailand, etc.

Royal Tents (SA)



Mira Oasis (AE)



Tijara Business Center (SA)



Dpulze service apartment (MY)



Lakefront Residence (MY)



SPLIT AC_





ACOOOL^{❄️}
wesome



- 13 ☒ **Superior Performance**
in Extreme Conditions
- 21 ☒ Ultra-high **Efficiency**
- 27 ☒ Tailor-made **Comfort**
- 31 ☒ Beyond **Smart**
- 37 ☒ Omni-level **Health**
- 41 ☒ Maximum **Durability**

INVERTER QUATTRO™

The exclusive Midea Inverter Quattro™ technology empowers Midea's inverter compressor to be one of the best AC compressors in the world. Under all conditions, Midea inverter compressors operate powerfully, efficiently, speedily, and steadily at the same time.

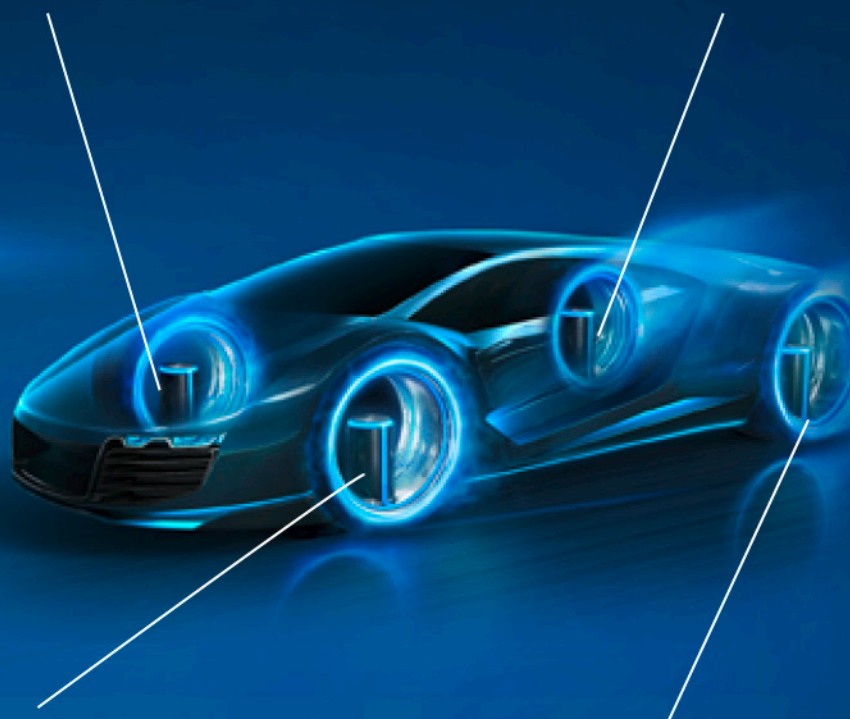


High-Ambient Cooling

Applying the inverter technology to Midea's strong inverter compressor system, Midea's air conditioner can work at extremely high and low ambient temperatures, from 68°C to -32°C.

Flash Cooling

Utilizing the High-frequency Racer Tech, the air conditioner's compressor can reach maximum frequency very quickly (65Hz in 6 seconds) to ensure speedy, powerful cooling/heating.



Ultra Energy-Saving

Midea's air conditioner is highly efficient and cost-saving due to its SmartSave algorithm, which enables energy-saving up to 54.6%.

Besides, the compressor can work in 3-grade electricity consumption levels with GearShift tech, so you can actively control energy use as you want.

Comfort with Stable Temperature

The ThermoStatic Technology of Inverter Quattro™, can help the air conditioner easily maintain your desired temperature within $\pm 0.1^{\circ}\text{C}$ by varying the compressor speed instead of constantly turning it on/off.

Born to break limits

Our planet experiences all kinds of weather, from blizzards to heat waves. Such extreme conditions can spell serious damage for an ordinary air conditioner.

Midea has changed that. Designed for extreme weather, XtremeEngine™ operates from -32°C to 68°C, ensuring strong performance from the icy arctic climate to the arid desert climate.



High Ambient Cooling



Flash Cooling



Flash Heating



3D Airflow

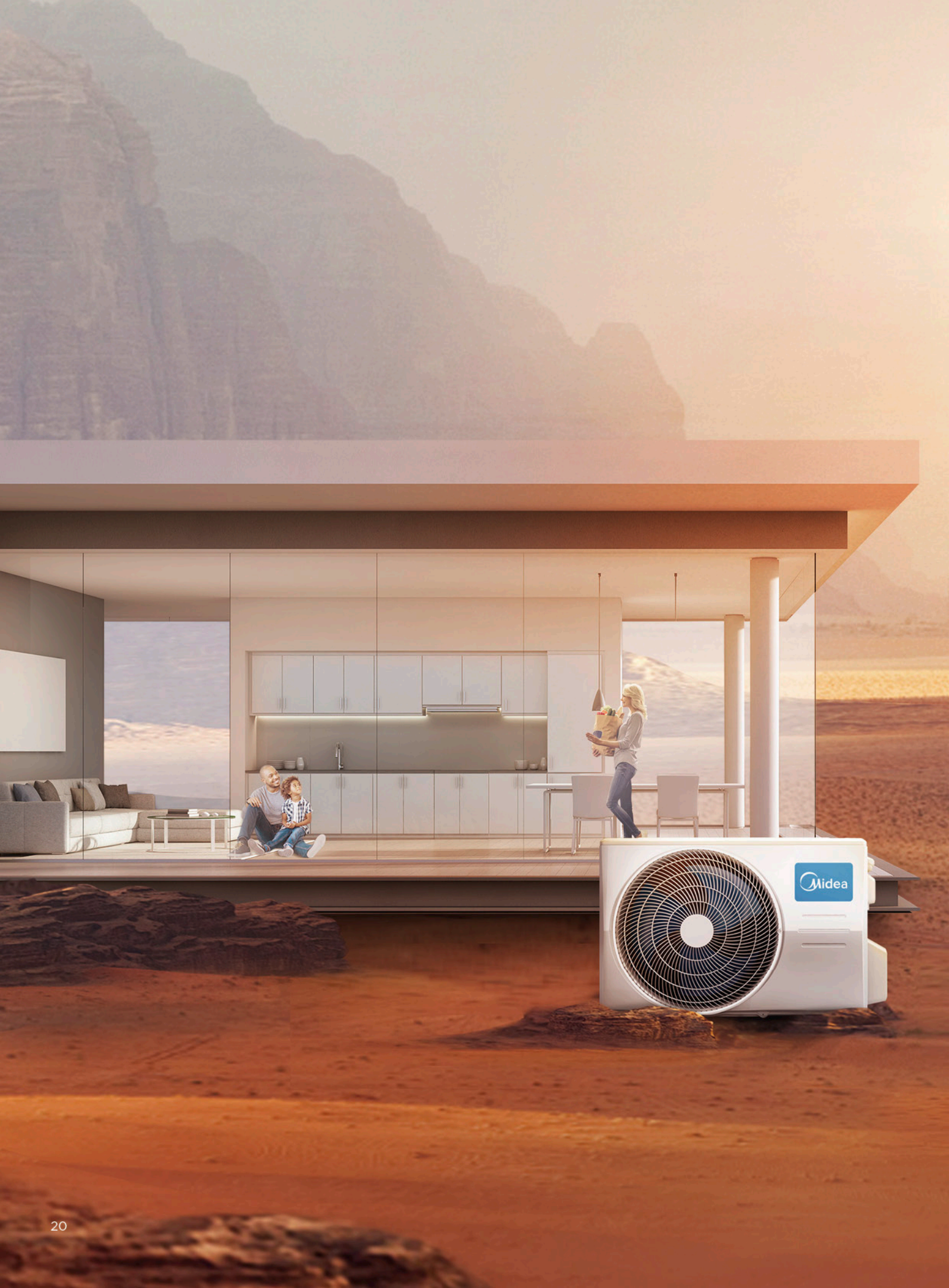


Long Distance Windblast



Superior
performance
in extreme
conditions

The XtremeEngine™

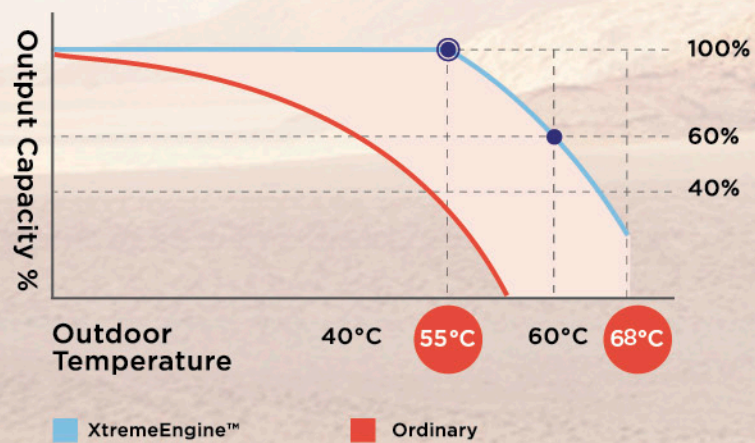


68°C XTREME COOL

Even at hot temperatures of up to 68°C, the XtremeEngine™ compressor can still operate effectively, providing optimal cooling to the room without any interruptions.*

- Wide frequency range: 10 - 120Hz
- Lowest air-outlet temperature: 14°C within 90s
- Resistance to wide voltage fluctuations: 150V-270V

Operates up to 68°C



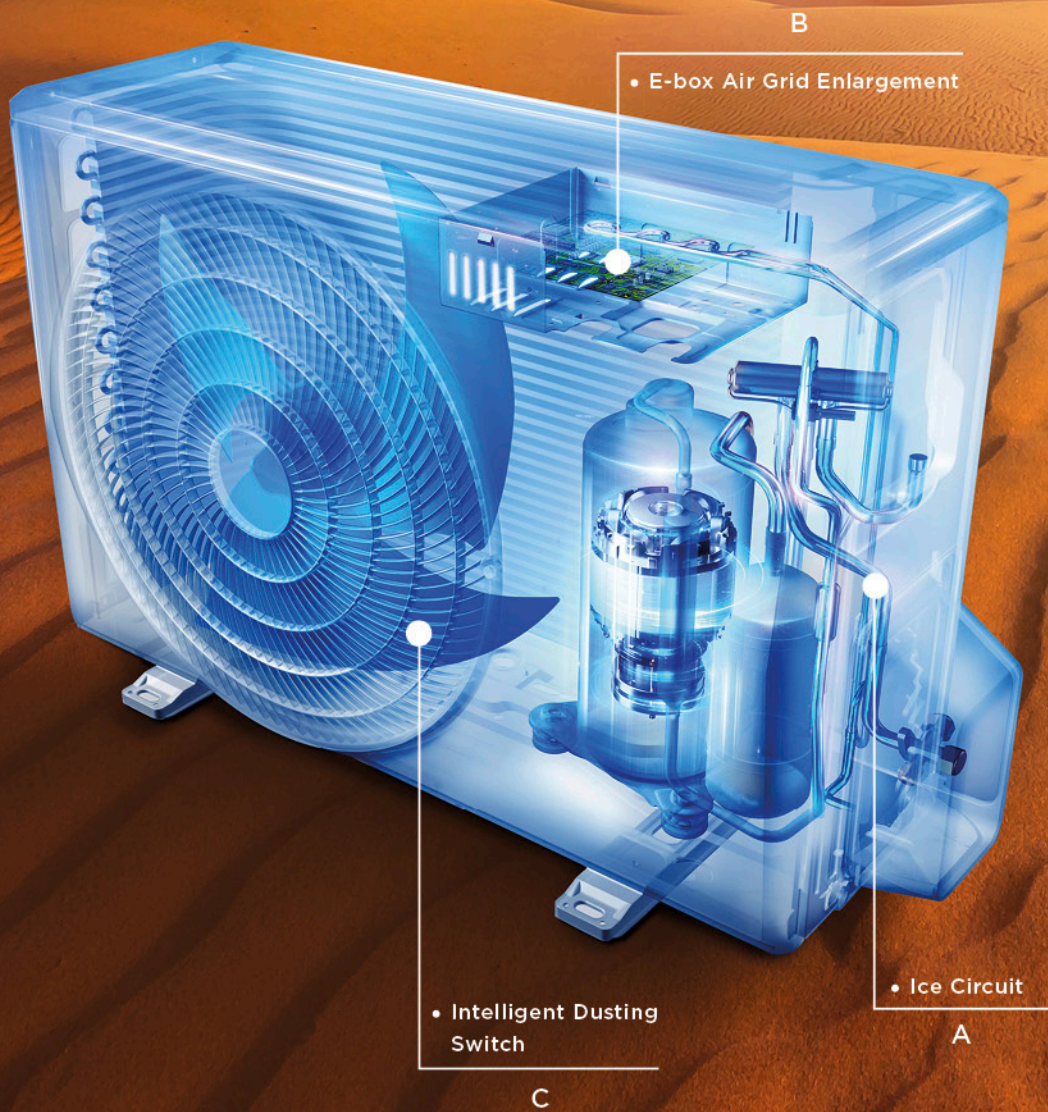
*All testing results are from China testing lab

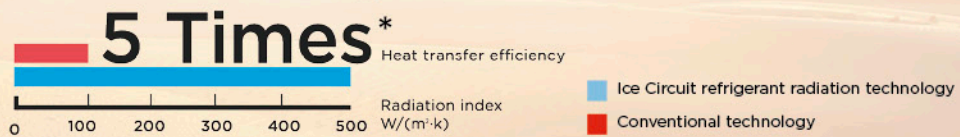


High Ambient Cooling

Flash Cooling/Heating
Ultra Energy Saving
Comfort with Stable Temperature

*Only applies for selective models.

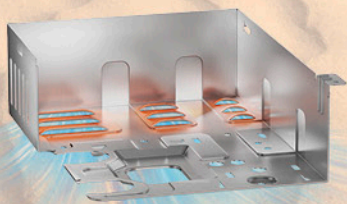




*limited to selected models under certain environments only

ICE CIRCUIT

The newly designed refrigerant circuits use improved refrigerant radiation technology to cool down both the heat exchanger and E-box efficiently, which significantly upgrades the unit's performance under high ambient temperatures.



Heat Dissipation: E-box Air Grid Enlargement

The number of grids on the outdoor E-box has been increased from 1 to 4 to help dissipate heat faster.



Rotation: Intelligent Dusting Switch

Apart from the bionic fan blades, the Welling DC motor itself can rotate in reverse to get rid of the sand and dust from outside, ensuring that the AC is clean and functions well under high ambient temperatures.

This Technology applies to selective Inverter models.





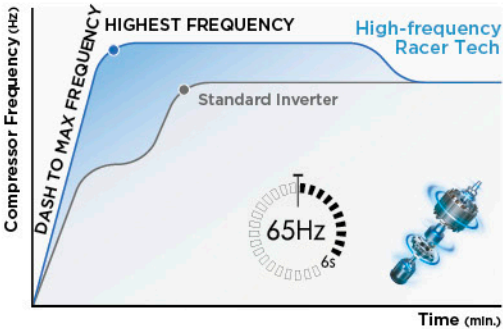
Flash Cooling with Strong 3D airflow

Midea utilizes powerful compressor and extraordinary air inlet design to generate a strong flow of cool air for your instant comfort. Meanwhile the strong, cold air moves vertically and horizontally, filling in every corner of the room quickly and evenly.

High-frequency Racer Tech

The Inverter Quattro™'s High Frequency Racer Tech enables the compressor to achieve super high frequency in spur of the moment upon start up, providing you powerful cooling/heating once the air conditioner is switched on.

*Refers to air-outlet temperature which only applies to selective models.



Long-Distance Windblast

The optimized air duct design synergizes with the turbo fan speed to deliver longer airflow, so you can enjoy the cool air with a distance reaching up to 25 meters*.

*For selected models Xtreme series 30k/36k.



25M



Salute to energy.

The iECO function quickly brings your home to a comfortable temperature and keeps it there, cutting down on energy use through ground-breaking alpha precise-control algorithm technology. This effectively maintains the air conditioner's top-notch performance while minimizing energy consumption.

GearShift function can also work to manage your air conditioner's energy-use level in a flexible, easy-to-control way.



iECO Mode



GearShift

A full-page background image showing a man with a beard, wearing a light blue button-down shirt, lifting a young child with curly brown hair. The child is wearing a grey jacket and green pants, and is smiling broadly. They are in a grassy park with trees and a blue sky in the background. A bright blue rectangular box is overlaid in the upper right corner, containing white text.

Ultra-high Efficiency

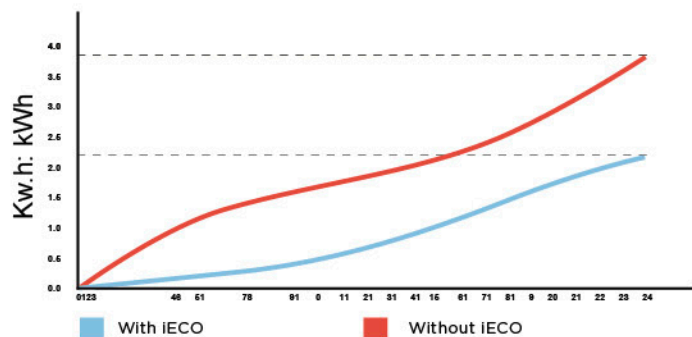
iECO, GearShift



SLEEP COOL, SAVE MORE

Save money on power consumption during night-time by activating the iECO mode. It provides regulated sleeping temperatures for energy consumption while ensuring maximum comfort.

With the ultra-low energy needed, now you can enjoy a restful sleep.



-54.6%



Just click the iECO button to activate the mode: your AC can keep you cool over an 8-hour night period, saving up to 54.6% energy.

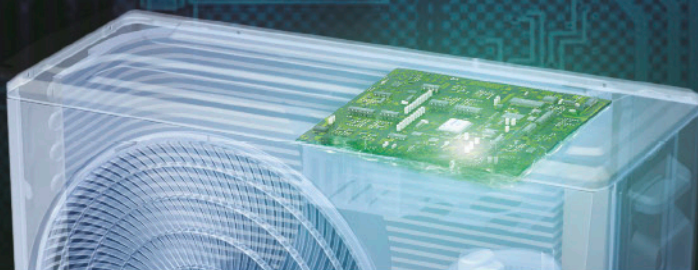
*(1) Applies to selected models only (MSMBALH09HRFN1GRDGW, 9000 Btu/h, 1.5 HP) in selective experimental conditions (Indoor ambient: DB 30°C, outdoor ambient: DB 30°C, R.H. 50%, supply voltage: 230V, 50 Hz, environmental test room size: 16.415 m²). (2) The comparison rate applies between the 24°C ECO mode running for 8 hours and the 24°C normal mode without locking the operating frequency of motor compressor and with the fan at the highest speed running for 8 hours. At lower fan speeds, the rates are slightly lower. (3) May vary according to different experimental conditions.



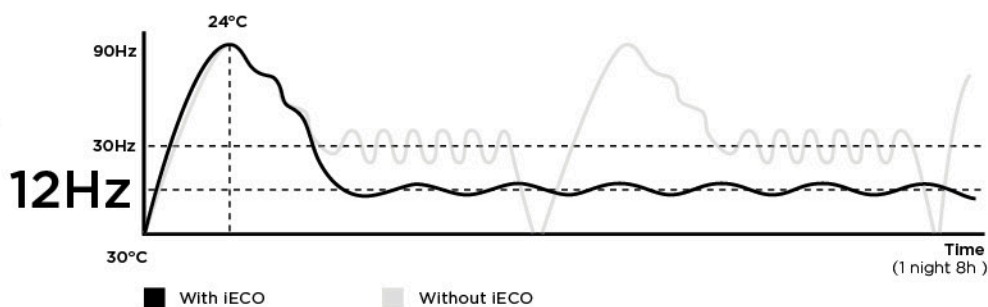
Precise-Control Algorithm

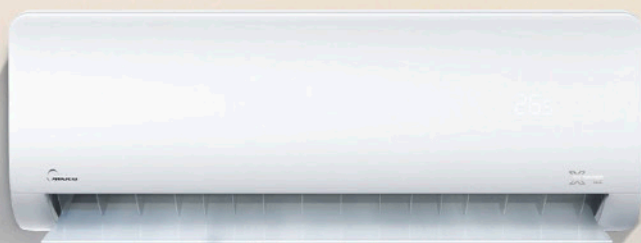
Midea's Innovative iECO mode uses the Alpha Energy Chip's 4th iECO Precise-control Inverter Deduction Algorithm⁴, which enables the chip to do more precise signal receiving, accurate data processing, anticipating and prompt instructions sending to the compressor.

This helps the inverter compressor to work more efficiently to save energy while ensuring you're comfortable and cool.



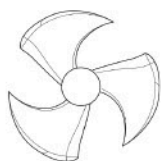
- Allows continuous compressor operation maintaining ultra-low speed of 12Hz.
- Allows compressor's ultra stable operation (vibration decreased up to 16 times).





Designed to save energy

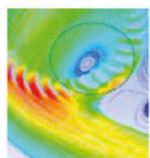
Other than the SmartSave mode, Midea Air-conditioner's ultra-high efficiency is also achieved by advanced technologies containing optimized fan blades.



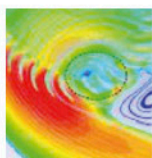
Ordinary fan blade design



Midea high static pressure fan blade design



Standard air duct damper



High-efficiency air duct damper

High-efficiency Air Fan and Ducts

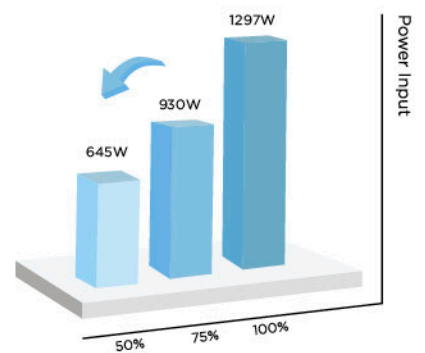
The optimized air fan and ducts deliver the same volume airflow with 30 percent less power thanks to the advanced industrial design. It makes Midea's air conditioner an unbeatable choice for energy saving from the ground up.

↓30%

Output Power Reduced for Same Air-volume



Midea inverter air conditioners offer three operation power options: 50%, 75%, and 100%. You can choose a lower power level to conserve energy when you feel the cool is enough.



Everyone deserves exclusive attention.

Everyone should feel comfortable in their own home. Midea air conditioners provide a variety of functions designed to meet each and every one of your needs.

With Midea, you can make yourself truly at home.



Breezeless™



Silky Cool



ThermoStatic
Tech



Humidity
Control



Low Noise



Favorite Cool



iSensor



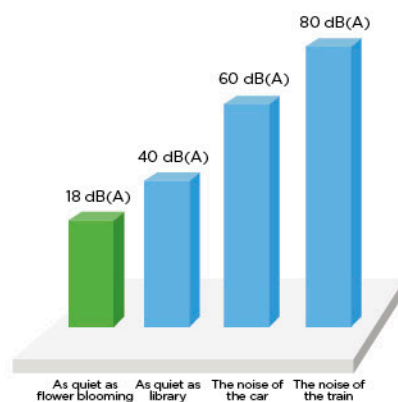
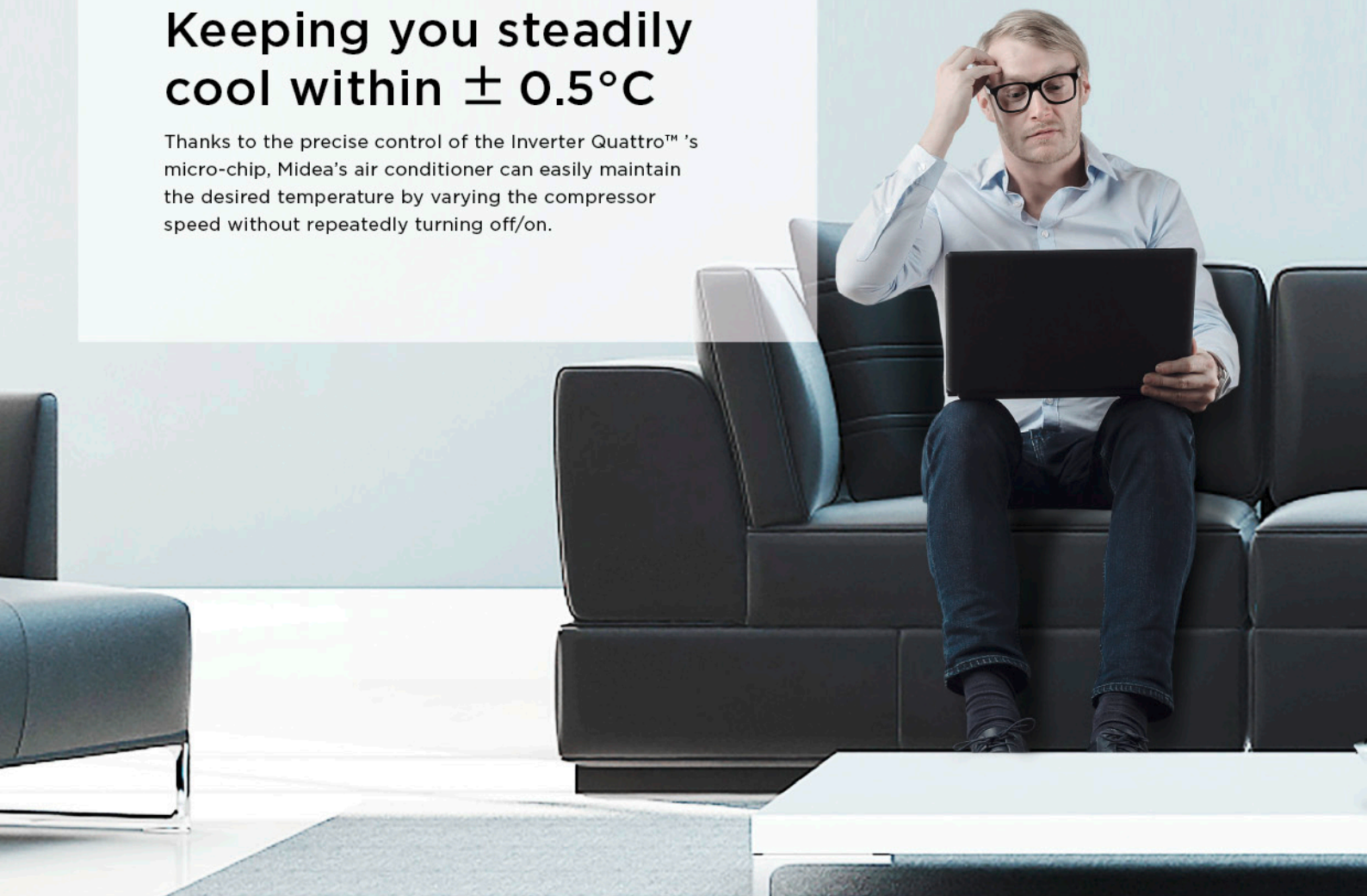
Tailor-made
Comfort

BreezeleSS⁺
ThermoStatic Tech

ThermoStatic Technology

Keeping you steadily cool within $\pm 0.5^{\circ}\text{C}$

Thanks to the precise control of the Inverter Quattro™'s micro-chip, Midea's air conditioner can easily maintain the desired temperature by varying the compressor speed without repeatedly turning off/on.



Quiet Operation

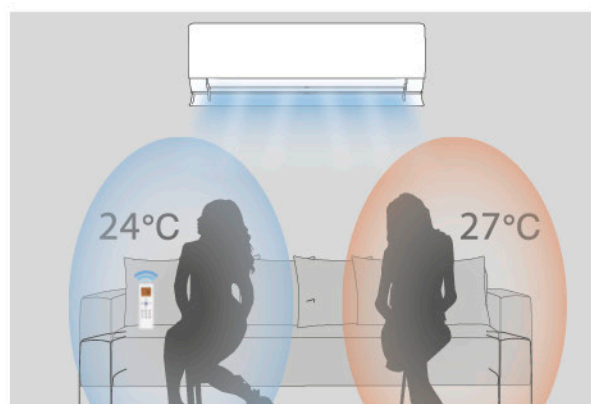
Operating as low as 18db, you can enjoy a quiet, peaceful sleep.

Enjoy a quiet and comfortable sleep, the only sound that you would hear is the night air circulating the room.



Follow Me

Keep the remote control close to you and press the 'Follow Me' button, and the air conditioner will auto-calculate the temperature of the air around you and ensure the temperature of the air is cool enough around you.



Unleash your home's potential

Wherever you are, you can keep your home comfortable using the Smart MideaAIR app. Thanks to Midea's IoT technology, controlling your home environment remotely is a breeze around the world.

Start up your air conditioner on the way home to enjoy crisp, cool air the moment you walk in the door. The possibilities for comfort and convenience are endless. There're more yet to come.



App-based
Remote Control



Echo Voice
Command



Smart Sleep
Curve



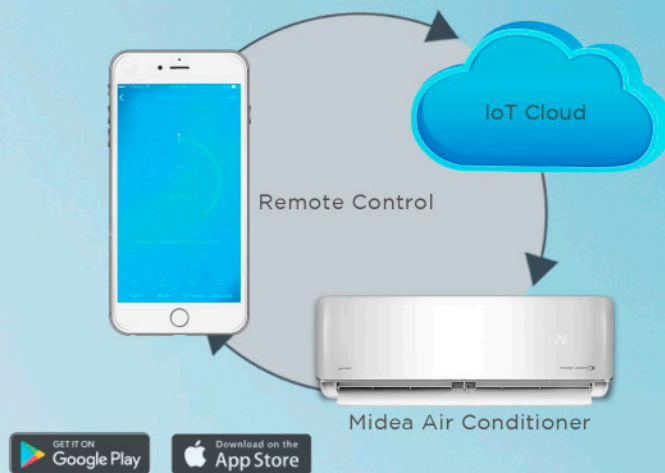
Smart
Diagnosis



Beyond Smart

App-based
Remote Control

App-based Remote Control



Based on the cloud service under M-Smart Security Protocol, the MideaAIR app makes your home life easier, smarter and more comfortable with versatile functions just in hand.

Discover the MideaAIR to get your home life connected.





**REMOTELY CONTROL YOUR AC
WITH A SIMPLE TOUCH,
NO MATTER WHERE YOU ARE.**





Care for every breath you take.

Air Magic™ removes dust and harmful micro-organisms through ionizing technology and dual filtration, purifying and freshening the air.

By generating positive and negative ions to form water molecules, Air Magic™ also keeps your skin moisturized and ensures more comfortable breathing. Meanwhile, the self-cleaning function makes sure that the air you're breathing in is clean and safe.

Health at the Ionic Level

Air Magic™



Air Magic
Super Ionizer



Dual Filtration



Self-Cleaning



Skin
Moisturize

air magic

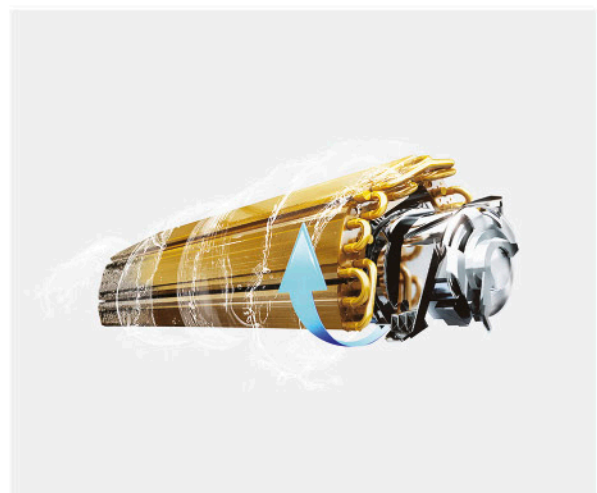
Super ionizer synergized with filtration

Ensures that the air you breathe is free from contaminants. Upon starting up, the built-in mechanism generates ions to remove airborne bacteria and dust. Following that, the dual-filtration system removes harmful adhesive micro-particles ensuring that uncontaminated airflow is delivered at all times.



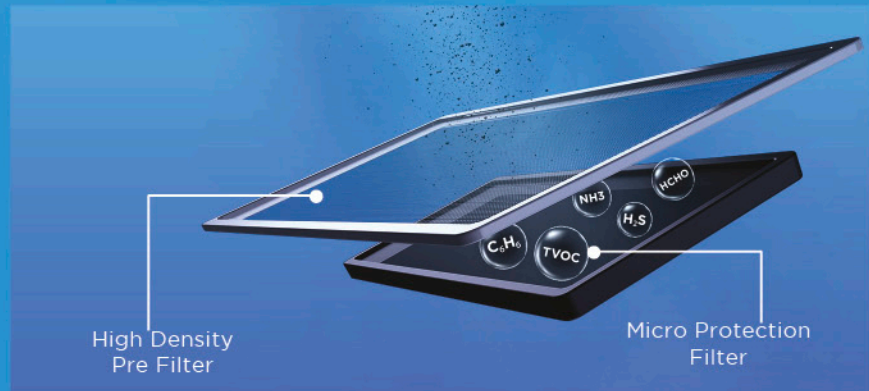
Self Cleaning

The AC unit can perform self-cleaning in Off mode by spinning the fan in reverse to remove condensed water, preventing bacteria and mold from growing.





1. Generates negative and positive ions
2. Captures bacteria and dust through Brownian motion
3. Takes away the O and H ions
4. Deactivates the harmful particles
5. Forms H_2O molecules



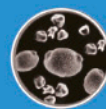
Dog hair



Dead mite feces



Fungi



Flower pollen



Bacteria



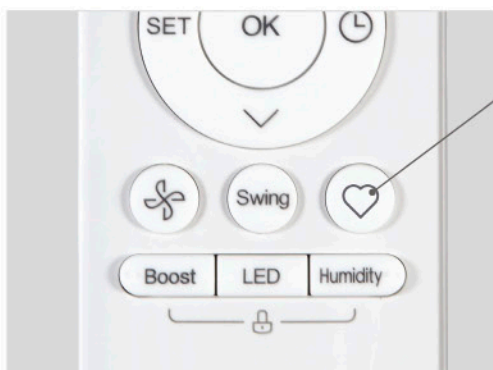
Car exhaust fumes



56°C Sterilization

Breaking the industry's standards by offering innovative sterilization process. The technology can effectively kill bacteria by operating at 56 degrees for 30 minutes. The fan of the AC unit spins in reverse direction to remove condensed water for self-cleaning in OFF mode, effectively preventing bacteria from forming.





Temperature Wind Speed Wind Direction

Favorite Cool

Press the 'Favorite' button and the air conditioner will remember your preferences. Next time you turn on the air conditioner, press the same button to activate exactly the same settings in a split second.

Ultimate Comfort:

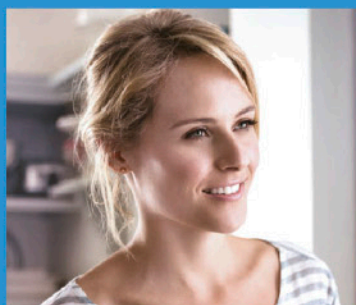
The Silky Cool



STEP 1

Coanda Deflector

Press the 'Silky Cool' button once, and the outer flap inclines upward to evenly cool the room without directly blowing cold air on you, quickly surrounding you 360° with coolness minus the direct airflow.



STEP 2

Wind Sprayer: The Mini-Holes

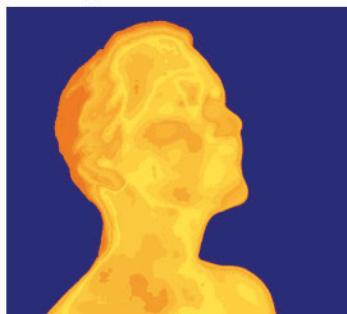
With another touch, the fine mini-hole Wind Sprayer brings the airflow to a more subtle and gentle level, allowing you to relax in the cool air while even hardly feeling any breeze.



Humidity Control

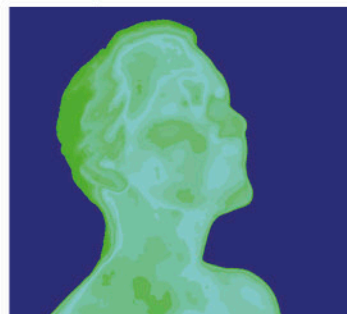
The comfort in your room is not only about the temperature, but also the humidity level. With a Midea air conditioner, you can customize the humidity level of your room as you like (30-90%) through the MideaAIR app.

Temp.: 25°C
Humidity: 80 %



Hot and Humid

Temp.: 25°C
Humidity: 50 %



Cool and Comfortable

We've got you covered

Rain, salt and sand can lead to corroded fins which is detrimental for the air-conditioner and affects its durability.

Midea's super sturdy casing and refined outdoor unit design protect against water damage and debris, keeping your AC unit in tip-top shape no matter the environment. The highly anti-corrosive CorrodeFree kit features the Prime Guard™, which provides an anti-erosion layer thicker than that of a typical fin, further ensuring durability.



Diamond-edged Casing



PrimeGuard™



WaterNfire-proof E-box



T-Shape Design



Stainless Bolt



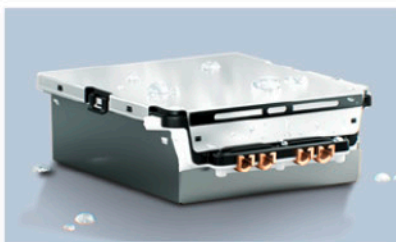
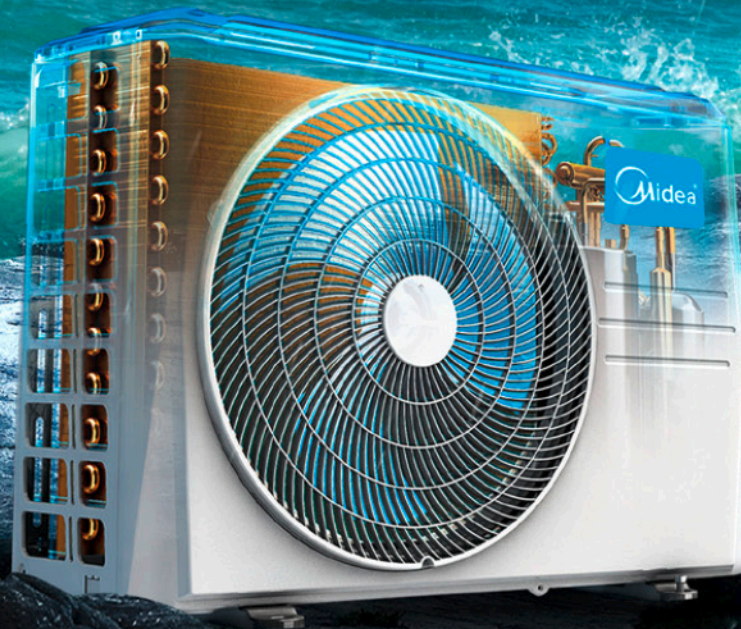
Triple-Protection Screen

**Maximum
Durability**

PrimeGuard™



Midea Durability



WaterNFire proof sealed E-box

The E-box is sealed with water & fire proof metal plate material and double-slot-tight buckles as protection against rain or humidity and precaution for any leakage.



Diamond-edged and T-shaped Design

The Diamond-edged Casing, Archimedes' screw-shaped air outlet and T-Shaped top cover together keep rain or sand away from the unit, ensuring stable operation of the interior.



Midea's Prime Guard provides resistance to oxidation and corrosion than ordinary fins for condensers that enhances longevity. It can prevent bacteria and mold from accumulating on the surface.



CorrodeFREE Triple-Protection Screen

The Midea XtremeDura Series outdoor unit exterior casing, outdoor unit interior metal parts, and outdoor PCB circuit board are protected by the Triple-Protection CorrodeFREE Screen. XtremeDura units are resistant to damp, bacteria, salt, corrosion, acids, and alkalis.

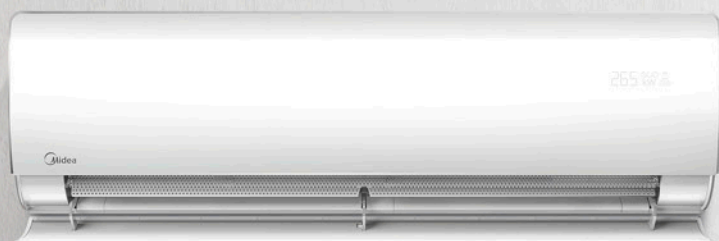


Stainless Steel Bolt

According to research, Midea stainless steel screws are more resistant to moisture, alkali, and corrosion than standard steel screws. Midea's stainless steel screws improve the overall durability of the XtremeDura series.

Breezeless Inverter Series

Ultimate cooling comfort.
It changes your home.



Model		MST4MT1-18HRFN1-INV	MST4MT1-24HRFN1-INV
Capacity (Btu/h)	Cooling	T1:17600(5200-21500) T3:15800	T1:22300(6800-28000) T3:19400
	Heating	18800(5700-22500)	24300(7200-30500)
Power Input (W)	Cooling	T1:1312(400-1870) T3:1585	T1:1660(570-2400) T3:2068
	Heating	1522(530-2100)	1940(660-2700)
EER (Btu/h)/W		T1:13.42 T3:9.97	T1:13.43 T3:9.38
COP (W/W)		3.62	3.67
Rated Current (A)	Cooling	T1:5.87 T3:7.10	T1:10.67 T3:13.22
	Heating	6.43	8.19
Power supply (Ph/V/Hz)		1/220-240/50(60)	1/220-240/50(60)
Indoor air flow (m³/h) (Turbo/Hi/Mi/Lo)		1220/1030/800/700	1270/900/730/640
Refrigerant		R410A	R410A
Indoor			
Net dimension (mm)	W*D*H	1160x220x345	1160x220x345
Packing dimension (mm)	W*D*H	1245x320x455	1245x320x455
Net/Gross weight (kg)		15.8/20.5	17/20.3
Indoor noise level [dB(A)](Turbo/Hi/Mi/Lo)		52/48/41/33	52/48/42/33
Outdoor			
Net dimension (mm)	W*D*H	845x363x702	946x420x810
Packing dimension (mm)	W*D*H	965x395x765	1090x500x875
Net/Gross weight (kg)		43.1/46.3	72/75
Outdoor noise level [dB(A)]		58	60
Refrigerant piping			
Liquid side/ Gas side	mm(inch)	Φ6.35/Φ12.7(1/4"/1/2")	Φ9.52/Φ15.9(3/8"/5/8")
Max. pipe length	m	30	30
Max. difference in level	m	20	20

Notes:

T1: Indoor temperature of 27°CDB/19°CWB, outdoor temperature of 35°CDB/24°CWB

T3: Indoor temperature of 29°CDB/19°CWB, outdoor temperature of 46°CDB/24°CWB

Due to continuous product development, data might be updated without prior notice.

Appearance



Features



Follow Me



i-Clean



Cold Catalyst Filter



High Density Filter



3d Air Flow



Auto Restart Function



Louver Position Memory



Independent Dehumidification



Self-Diagnosis and Auto-Protection



Diamond Cabinet



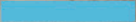
2 Way Drainage



WIFI Control



Golden Fin



Xtreme Inverter Series

Xtreme cooling performance under Xtreme hot conditions



Model		MST4AG-12HRN1	MST4AG-18HRN1	MST4AG-24HRN1	MST4AG-30HRN1	MST4MB-36HRN1
Capacity (Btu/h)	Cooling	T1:12000 (3500-16000)	T1:18000 (5500-21000)	T1:22000 (6500-26000)	T1:27000 (8500-31500)	T1:33000 (10000-37000)
		T3:10400	T3:16600	T3:18300	T3:24000	T3 : 26400
	Heating	13500 (4000-16200)	19000 (6600-22000)	25000 (7500-28000)	28300(9900-32500)	33779 (10236-39238)
Power input (W)	Cooling	T1:830 (260-1600)	T1:1400 (400-2200)	T1:1715 (600-2800)	T1:2177(700-2900)	T1 : 2635 (900-3600)
		T3:1055	T3:1730	T3:1980	T3:2727	T3 : 2916
	Heating	940 (300-1750)	1400 (400-2200)	1990 (700-3000)	2184(750-3100)	2675 (950-3700)
EER (Btu/h)/W		T1:14.46	T1:12.86	T1:12.83	T1:12.40	T1:12.52
		T3:9.86	T3:9.60	T3:9.24	T3:8.80	T3 : 9.05
COP (W/W)		4.21	3.98	3.68	3.80	3.70
Rated Current (A)	Cooling	T1:3.67	T1:6.21	T1:7.61	T1:9.66	T1:11.78
		T3:4.72	T3:7.64	T3:8.77	T3:12.10	T3:13.00
	Heating	4.21	6.21	8.75	9.69	11.95
Power supply (Ph/V/Hz)		1/220-240/50(60)	1/220-240/50(60)	1/220-240/50(60)	1/220-240/50(60)	1/220-240/50(60)
Indoor air flow (m³/h) (Turbo/Hi/Mi/Lo)		830/730/600/550	1350/1150/820/650	1350/1170/815/630	1420/1300/1110/980	1550/1440/1245/1100
Refrigerant		R410A	R410A	R410A	R410A	R410A
Indoor						
Net dimension (mm)	W*D*H	969x241x320	1083x244x336	1083x244x336	1259x283x362	1350x272x365
Packing dimension (mm)	W*D*H	1045x315x405	1155x415x315	1155x415x315	1340x380x450	1475x375x460
Net/Gross weight (kg)		11.3/14.6	13.7/17.3	13.4/17	20/25.9	21.3/27.6
Indoor noise level [dB(A)](Turbo/Hi /Mi/Lo)		43/41/38/33	48/47/41/31	49/48/43/32	52/50/46/43	51.5/51/46/43
Outdoor						
Net dimension (mm)	W*D*H	765x303x555	890x342x673	946x420x810	946x410x810	946x410x810
Packing dimension (mm)	W*D*H	887x337x610	995x435x730	1090x500x885	1090x500x875	1090x500x885
Net/Gross weight (kg)		27.3/29.6	38.8/42.2	55.1/59.6	58.6/63.2	64.8/69.5
Outdoor noise level [dB(A)]		54	58	60	61	63
Refrigerant piping						
Liquid side/ Gas side	mm(inch)	Φ6.35/Φ12.7(1/4"/1/2")	Φ6.35/Φ12.7(1/4"/1/2")	Φ9.52/Φ15.9(3/8"/5/8")	Φ9.52/Φ19(3/8"/3/4")	Φ9.52/Φ19(3/8"/3/4")
Max. pipe length	m	25	30	30	50	50
Max. difference in level	m	10	20	20	25	25

- Operates at up to 68°C, 100% full cooling capacity at 55°C
- Lowest air-outlet temperature: 17°C within 90s
- Resistant to wide voltage fluctuations

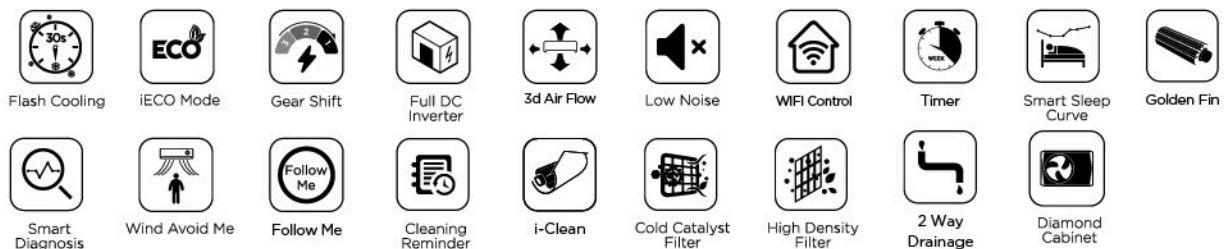
Appearance



68°C X TREME COOL

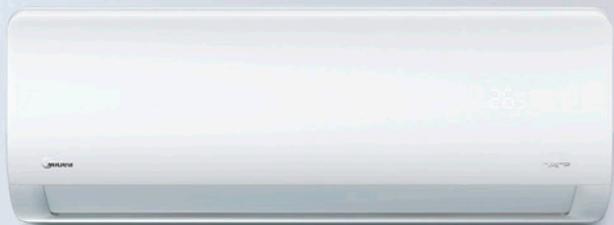


Features



Xtreme Series

Xtreme Performance



Model		MSTIAG-18CRN1	MSTIAG-24CRN1	MSTIAG-30CRN1	MSTIAG-36CRN1
Capacity (Btu/h)	Cooling	T1 : 18000	T1 : 22000	T1 : 27140	T1 : 33000
		T3 : 16000	T3 : 18800	T3 : 24235	T3 : 29200
	Heating	—	—	—	—
Power input (W)	Cooling	T1 : 1530	T1 : 2050	T1 : 2478	T1 : 3135
		T3 : 1776	T3 : 2362	T3 : 2963	T3 : 3720
	Heating	—	—	—	—
EER (Btu/h)/W		T1 : 11.77	T1 : 10.73	T1 : 10.95	T1 : 10.53
		T3 : 9.01	T3 : 7.96	T3 : 8.18	T3 : 7.85
COP (W/W)		—	—	—	—
Rated Current (A)	Cooling	T1 : 6.79	T1 : 8.68	T1 : 10.77	T1 : 14.00
		T3 : 7.80	T3 : 10.37	T3 : 13.24	T3 : 16.47
	Heating	—	—	—	—
Power supply (Ph/V/Hz)		1/220-240/50	1/220-240/50	1/220-240/50	1/220-240/50
Indoor air flow (m³/h) (Turbo/HI/MI/LO)		1160/1060/960/885	1280/1100/980/900	1500/ 1400/ 1150 / 900	1500/1320/1130/1010
Refrigerant		R410A	R410A	R410A	R410A
Indoor					
Net dimension (mm)	W*D*H	1083x244x336	1083x244x336	1259x283x362	1259x283x362
Packing dimension (mm)	W*D*H	1155x415x315	1155x415x315	1340x450x380	1340x450x380
Net/Gross weight (kg)		14.9/19.7	14.8/19.7	19.9/25.7	19.8/25.3
Indoor noise level [dB(A)](Turbo/HI /MI/LO)		48/46/43/40	48.5/45/42/40	52/49/46/40	52/51/47/43
Outdoor					
Net dimension (mm)	W*D*H	805x330x554	890x342x673	946x420x810	946x420x810
Packing dimension (mm)	W*D*H	915x370x615	995x435x730	1090x500x885	1090x500x885
Net/Gross weight (kg)		39.5/42.5	47/50.6	61.5/67.3	65.3/69.8
Outdoor noise level [dB(A)]		56	59	58	58
Refrigerant piping					
Liquid side/ Gas side	mm(inch)	Φ6.35/Φ12.7(1/4"/1/2")	Φ9.52/Φ15.9(3/8"/5/8")	Φ9.52/Φ15.9(3/8"/5/8")	Φ9.52/Φ19(3/8"/3/4")
Max. pipe length	m	25	25	25	25
Max. difference in level	m	10	10	10	10

Notes:

T1: Indoor temperature of 27°CDB/19°CWB, outdoor temperature of 35°CDB/24°CWB

T3: Indoor temperature of 29°CDB/19°CWB, outdoor temperature of 46°CDB/24°CWB

Due to continuous product development, data might be updated without prior notice.

Appearance

Standard Features





Xtreme Series Hi-EER

Tip-top technology. Top-tier efficiency



Model		MST1AG-12CRN1(H)	MST1AG-18CRN1(H)	MST1AG-24CRN1(H)	MST1AG-30CRN1(H)	MST1AG-36CRN1(H)
Capacity (Btu/h)	Cooling	T1 : 12000	T1 : 18100	T1 : 23200	T1 : 28000	T1 : 31400
		T3 : 10600	T3 : 16300	T3 : 20000	T3 : 25000	T3 : 27200
	Heating	—	—	—	—	—
Power input (W)	Cooling	T1 : 980	T1 : 1448	T1 : 1940	T1 : 2330	T1 : 2615
		T3 : 1160	T3 : 1750	T3 : 2320	T3 : 2900	T3 : 3080
	Heating	—	—	—	—	—
EER (Btu/h)/W		T1 : 12.25	T1 : 12.50	T1 : 11.96	T1 : 12.02	T1 : 12.00
		T3 : 9.14	T3 : 9.31	T3 : 8.62	T3 : 8.62	T3 : 8.83
COP (W/W)		—	—	—	—	—
Rated Current (A)	Cooling	T1 : 4.35	T1 : 6.38	T1 : 8.55	T1 : 10.48	T1 : 12.60
		T3 : 5.15	T3 : 7.70	T3 : 10.23	T3 : 13.00	T3 : 14.30
	Heating	—	—	—	—	—
Power supply (Ph/V/Hz)		1/220-240/50	1/220-240/50	1/220-240/50	1/220-240/50	1/220-240/50
Indoor air flow (m³/h) (Turbo/Hi/Mi/Lo)		720/565/485/370	1130/1030/970/800	1400/1150/1050/1000	1500/1320/1130/1010	1500/1320/1130/1010
Refrigerant		R410A	R410A	R410A	R410A	R410A
Indoor						
Net dimension (mm)	W*D*H	835x208x295	1083x244x336	1083x244x336	1083x244x336	1259x283x362
Packing dimension (mm)	W*D*H	905x290x355	1155x415x315	1155x415x315	1340x380x450	1340x380x450
Net/Gross weight (kg)		8.9/11.4	14.9/19.7	13.8/17.4	19.8/25.3	19.8/25.6
Indoor noise level [dB(A)](Turbo/Hi/Mi/Lo)		45/40/36/30	49/46/43/41	52/47/45/43	52/50/46/43	52/51/47/44
Outdoor						
Net dimension (mm)	W*D*H	805x330x554	890x342x673	890x342x673	946x420x810	946x420x810
Packing dimension (mm)	W*D*H	915x370x615	995x435x730	995x435x730	1090x500x885	1090x500x885
Net/Gross weight (kg)		32.3/35	46.2/49.5	50.4/53.6	66/69.9	68.5/73.2
Outdoor noise level [dB(A)]		54	57	60	59	62
Refrigerant piping						
Liquid side / Gas side	mm(inch)	Ø6.35/Ø12.7(1/4"/1/2")	Ø6.35/Ø12.7(1/4"/1/2")	Ø9.52/Ø15.9(3/8"/5/8")	Ø9.52/Ø15.9(3/8"/5/8")	Ø9.52/Ø19(3/8"/3/4")
Max. pipe length	m	20	25	25	25	25
Max. difference in level	m	8	10	10	10	10

Notes:

T1: Indoor temperature of 27°CDB/19°CWB, outdoor temperature of 35°CDB/24°CWB
T3: Indoor temperature of 29°CDB/19°CWB, outdoor temperature of 46°CDB/24°CWB

Due to continuous product development, data might be updated without prior notice.

Standard Features



Appearance





Window

High Efficiency. Quiet Operation.



ROTARY

Model		MWTF2-18CMN1	MWTF2-24CMN1
Capacity (Btu/h)	Cooling	T1 : 18000 T3 : 15950	T1 : 20400 T3 : 17700
	Heating	-	-
Power input (W)	Cooling	T1 : 1820 T3 : 2269	T1 : 2103 T3 : 2465
	Heating	-	-
EER (Btu/h)/W		T1 : 9.89 T3 : 7.03	T1 : 9.70 T3 : 7.18
COP (W/W)		-	-
Rated Current (A)	Cooling	T1 : 8.00 T3 : 10.08	T1 : 9.26 T3 : 10.94
	Heating	-	-
Power supply (Ph/V/Hz)		1/220-240/50	1/220-240/50
Indoor air flow (m³/h) (Hi/Mi/Lo)		740/640/550	690/640/580
Refrigerant		R410A	R410A
Indoor			
Net dimension (mm)	W*D*H	660x680x428	660x680x428
Packing dimension (mm)	W*D*H	746x815x515	746x815x515
Net/Gross weight (kg)		56.1/60.6	57.6/62.1
Indoor noise level [dB(A)] (Hi/Mi/Lo)		59/57/55	55/53/52

PISTON

Model		MWT2F-18CM	MWT2F1-24CM
Capacity (Btu/h)	Cooling	T1 : 18000 T3 : 15635	T1 : 22300 T3 : 19800
	Heating	-	-
Power input (W)	Cooling	T1 : 1900 T3 : 2246	T1 : 2500 T3 : 2860
	Heating	-	-
EER (Btu/h)/W		T1 : 9.47 T3 : 6.96	T1 : 8.92 T3 : 6.92
COP (W/W)		-	-
Rated Current (A)	Cooling	T1 : 8.50 T3 : 10.01	T1 : 11.44 T3 : 12.98
	Heating	-	-
Power supply (Ph/V/Hz)		1/220-240/50	1/220-240/50
Indoor air flow (m³/h) (Hi/Mi/Lo)		730/680/630	1015/950/860
Refrigerant		R22	R22
Indoor			
Net dimension (mm)	W*D*H	660x680x428	660x780x428
Packing dimension (mm)	W*D*H	746x815x515	770x915x510
Net/Gross weight (kg)		61.4/66	71.4/75.7
Indoor noise level [dB(A)] (Hi/Mi/Lo)		59/58/57	61/60/58

Notes:

T1: Indoor temperature of 27°CDB/19°CWB, outdoor temperature of 35°CDB/24°CWB

T3: Indoor temperature of 29°CDB/19°CWB, outdoor temperature of 46°CDB/24°CWB

Due to continuous product development, data might be updated without prior notice.

Features



Fresh Air



Self-evaporative
System

Floor Standing



Model		MFT1GA-36CRN1	MFT3GA-48CRN1	MFT3GA-60CRN1
Capacity (Btu/h)	Cooling	T1 : 33000	T1:48000	T1 : 54000
		T3 : 29200	T3:43000	T3 : 48000
	Heating	—	—	—
Power input (W)	Cooling	T1 : 2980	T1:4400	T1 : 4520
		T3 : 3500	T3:5350	T3 : 5550
	Heating	—	—	—
EER (Btu/h)/W		T1 : 11.07	T1:10.91	T1 : 11.95
		T3 : 8.34	T3:8.04	T3 : 8.65
COP (W/W)		—	—	—
Rated Current (A)	Cooling	T1 : 13.22	T1:8.50	T1 : 8.00
		T3 : 15.42	T3:9.50	T3 : 9.32
	Heating	—	—	—
Power supply (Ph/V/Hz)		1/220-240/50	3/380-415/50	3/380-415/50
Indoor air flow (m³/h) (Turbo/Hi/Med/Lo)		2040/1910/-/1650	2396/2280/2055/1840	2400/2280/2050/1950
Refrigerant		R410A	R410A	R410A
Indoor				
Net dimension (mm)	W*D*H	610x390x1925	610x390x1925	610x390x1925
Packing dimension (mm)	W*D*H	765x515x2070	765x515x2070	765x515x2070
Net/Gross weight (kg)		55.5/73.7	57.2/75.7	56.7/76.1
Indoor noise level [dB(A)] (Turbo/Hi/Med/Lo)		53/51/-/44	58/57/54/51	58/57/54/53
Outdoor				
Net dimension (mm)	W*D*H	946x420x810	900x350x1170	952x415x1333
Packing dimension (mm)	W*D*H	1090x500x885	1032x443x1307	1095x495x1480
Net/Gross weight (kg)		72.4/76.9	89.6/100	112.6/126.6
Outdoor noise level [dB(A)]		62	62	61
Refrigerant piping				
Liquid side/ Gas side	mm(Inch)	Ø9.52/Ø19(3/8"/3/4")	Ø9.52/Ø19(3/8"/3/4")	Ø9.52/Ø22(3/8"/7/8")
Max. pipe length	m	30	50	50
Max. difference in level	m	20	30	30

Notes:

T1: Indoor temperature of 27°CDB/19°CWB, outdoor temperature of 35°CDB/24°CWB

T3: Indoor temperature of 29°CDB/19°CWB, outdoor temperature of 46°CDB/24°CWB

Due to continuous product development, data might be updated without prior notice.

Features

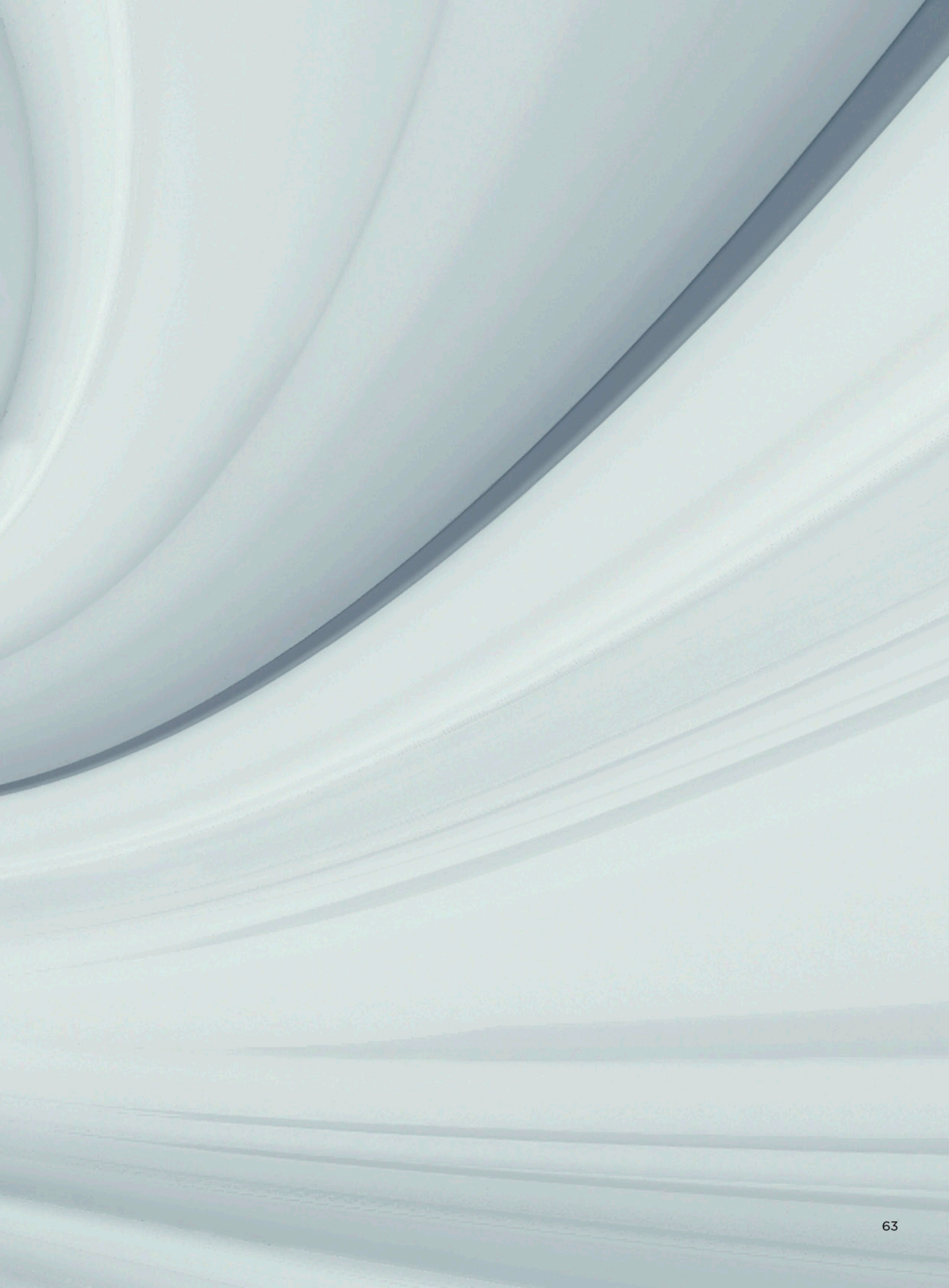




LIGHT

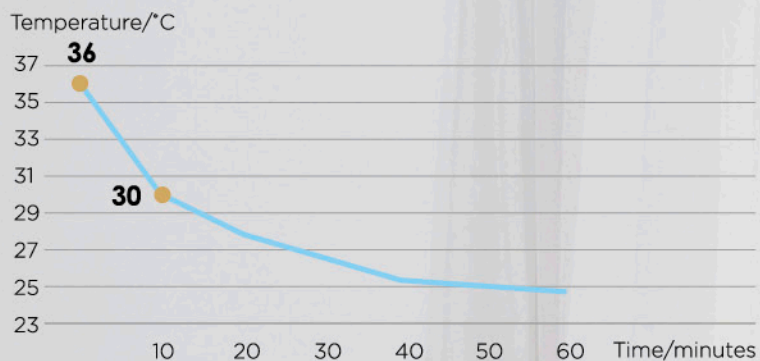
COMMERCIAL

AC_



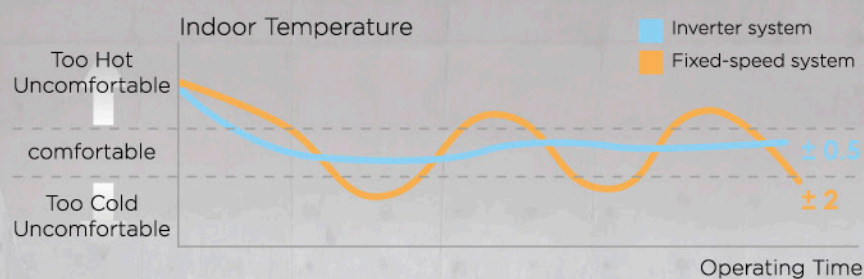
Instant Cooling

Compared with the fixed-speed air conditioner, full DC inverter air conditioner increases its cooling speed by around 30 %. It takes only 10 minutes to lower the room temperature from 36 °C to 30 °C when the outdoor temperature is as high as 43 °C.





Indoor temperature variation



Precision Temperature Control

Full DC inverter air conditioners outperform fixed-speed air conditioners in the aspect of precision temperature control.





360° CoolSurround

The Cassette's airflow design allows cool air to diffuse and sink evenly, offering uniform cooling experience throughout a space.



A6 Duct

Auto AFV Match

With Auto AFV Match technology, the airflow produced by our duct units can automatically match with different ducting length, and so it results in both installation convenience and inventory flexibility.



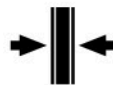
High Static Pressure up to 160Pa

This unit can be installed in various applications that requires static pressure of 160Pa.



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.



Slim Design

The A6 duct is much slimmer thanks to the redesigned overall structure. It now requires less space for installation.



Low Noise

Optimized duct and turbine design makes the air conditioner much quieter during its operation.



Fresh Air

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

Super Slim Round Flow Cassette



CoolSurround 360°

The Cassette's airflow design allows cool air to diffuse and sink evenly, offering uniform cooling experience throughout the space.



Fresh Air

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



FlexiWind Control

The 4 air outlets can be independently controlled for customized comfort.

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.



Super Slim Design

The slim cassette is much slimmer thanks to the redesigned heat exchanger and overall structure. It now requires less space for installation.



Centralized Controller



CCM30

- Control up to 64 IDUs
- Control 1 IDU independently
- Control all IDUs synchronously

Wired Controller



KJR-120C

Communication Protocol: Two-way communication (based on RS485/ non-polar dual cores)

Functions: Standard functions, Follow me, Constant AFV test (for duct), Weekly timer, Independent vane control (for cassette)



KJR-120G

Communication Protocol: Two-way communication (based on RS485/ non-polar dual cores)

Functions: Standard functions, Follow me, Constant AFV test (for duct), Weekly timer, Independent vane control (for cassette)



KJR-120X

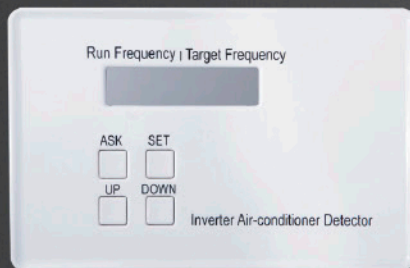
Communication Protocol: Two-way communication (based on RS485/ non-polar dual cores)

Functions: Standard functions, Follow me, Constant AFV test (for duct), Weekly timer, Independent vane control (for cassette), Infrared receiving, Dual/ centralized control, Rotation function, Touch button.



Smart Port

- Wi-Fi control with smartphone or pad
- APP suitable for both Android and iOS system (NetHome Plus)
 - All basic functions
- Senior functions such as weekly timer, customized sleep curve and self-check



Portable Debugger for Inverter Only

- For LCAC malfunction debugging and diagnosis
- Portable, compact and easy connecting to the unit



Other **Kits**

On-off Cassette



Model		MCDT-24CRN1	MCDT4-36CRN2	MCDT4-48CRN1
Capacity (Btu/h)	Cooling	T1 : 24000	T1 : 36000	T1 : 48000
		T3 : 21467	T3 : 33200	T3 : 43490
	Heating	-	-	-
Power input (W)	Cooling	T1 : 2010	T1 : 3059	T1 : 3974
		T3 : 2487	T3 : 3861	T3 : 5038
	Heating	-	-	-
EER (Btu/h)/W		T1 : 11.94	T1 : 11.77	T1 : 12.08
		T3 : 8.63	T3 : 8.60	T3 : 8.63
COP (W/W)		-	-	-
Rated Current (A)	Cooling	T1 : 9.39	T1 : 16.00	T1 : 8.00
		T3 : 11.11	T3 : 18.97	T3 : 9.22
	Heating	-	-	-
Power supply (Ph/V/Hz)		1/220-240/50	1/220-240/50	3/380-415/50
Indoor air flow (m ³ /h) (Hi/Mi/Lo)		1271/1095/897	2059/1786/1456	2535/2346/2140
Refrigerant		R410A	R410A	R410A
Indoor				
Net dimension (mm)	W*D*H	840x840x245	840x840x287	910x910x287
Packing dimension (mm)	W*D*H	900x900x265	900x900x292	1015x1015x322
Net dimension (mm) (panel)	W*D*H	950x950x55	950x950x55	1020x1020x50
Packing dimension (mm)(panel)	W*D*H	1035x1035x90	1035x1035x90	1115x1115x107
Net/Gross weight (kg)(body)		26.7/31.9	29.8/35.2	34.4/40.9
Net/Gross weight (kg)(panel)		5/8	5/8	6/9
Indoor noise level [dB(A)]		47/44.5/42	56.4/53.4/49.1	58.2/56.6/54.6
Outdoor				
Net dimension (mm)	W*D*H	946x420x810	900x350x1170	952x415x1333
Packing dimension (mm)	W*D*H	1090x500x885	1032x443x1307	1095x495x1480
Net/Gross weight (kg)		61.3/67	92.5/104.2	102.2/115.6
Outdoor noise level [dB(A)] (Hi/Mi/Lo)		59.6	62.3	62.2
Refrigerant piping				
Liquid side/ Gas side	mm(inch)	Ø9.52/Ø15.9(3/8"/5/8")	Ø9.52/Ø19(3/8"/3/4")	Ø9.52/Ø19(3/8"/3/4")
Max. pipe length	m	25	30	50
Max. difference in level	m	15	20	30

Notes:

T1: Indoor temperature of 27°CDB/19°CWB, outdoor temperature of 35°CDB/24°CWB

T3: Indoor temperature of 29°CDB/19°CWB, outdoor temperature of 46°CDB/24°CWB

Due to continuous product development, data might be updated without prior notice.

Features



Independent
Dehumidification



Auto Restart
Function



LCD Display



Timer



Sweet Dreams



Built-in Drain Pump

Inverter Cassette



Model		MCDT-24HRFN1	MCDT-36HRFN1	MCDT-48HRFN1
Capacity (Btu/h)	Cooling	T1:22800 (6600-29000)	T1:33600 (8100-43400)	42500(19000-55000)
		T3:19800	T3:29000	T3:38400
	Heating	26375(7506-30998)	34802(9008-41968)	51862(18698-56980)
Power input (W)	Cooling	T1:1898(660-2500)	T1:2750(750-3700)	T1:3600(1500-5800)
		T3:2268	T3:3372	T3:4440
	Heating	2228(600-2600)	2563(700-3600)	4200(2000-5200)
EER (Btu/h)/W		T1:12.01	T1:12.22	T1:11.81
		T3:8.73	T3:8.60	T3:8.65
COP (W/W)		3.47	3.98	3.62
Rated Current (A)	Cooling	T1:8.35	T1:12.18	T1:15.95
		T3:10.50	T3:14.82	T3:19.60
	Heating	9.81	11.47	18.55
Power supply (Ph/V/Hz)		1/220-240/50	1/220-240/50	1/220-240/50
Indoor air flow (m³/h) (Turbo/Hi/Mi/Lo)		1400/1250/1100	1950/1750/1550	2300/2100/1900
Refrigerant		R410A	R410A	R410A
Indoor				
Net dimension (mm)	W*D*H	840x840x245	910x910x287	910x910x287
Packing dimension (mm)	W*D*H	900x900x290	1015x1015x322	1015x1015x322
Net dimension (mm) (panel)	W*D*H	950x950x55	1020x1020x50	1020x1020x50
Packing dimension (mm)(panel)	W*D*H	1035x1035x90	1115x1115x107	1115x1115x107
Net/Gross weight (kg)(body)		24.6/29.7	34.4/41.3	34.7/41.2
Net/Gross weight (kg)(panel)		5/8	5.8/9.5	5.8/9.5
Indoor noise level [dB(A)]		49/46/44	51/49/46	56.5/54.5/52.5
Outdoor				
Net dimension (mm)	W*D*H	946x420x810	946x420x810	952x415x1333
Packing dimension (mm)	W*D*H	1090x500x885	1090x500x885	1095x495x1480
Net/Gross weight (kg)		56.3/60.9	64.9/69.6	97.2/110.2
Outdoor noise level [dB(A)]		60	63	64
Refrigerant piping				
Liquid side/ Gas side	mm(inch)	Ø9.52/Ø15.9(3/8"/5/8")	Ø9.52/Ø19(3/8"/3/4")	Ø9.52/Ø19(3/8"/3/4")
Max. pipe length	m	25	30	50
Max. difference in level	m	15	20	30

Notes:

T1: Indoor temperature of 27°CDB/19°CWB, outdoor temperature of 35°CDB/24°CWB

T3: Indoor temperature of 29°CDB/19°CWB, outdoor temperature of 46°CDB/24°CWB

Due to continuous product development, data might be updated without prior notice.

Features



Independent
Dehumidification



Auto Restart
Function



LCD Display



Timer



Sweet Dreams



Built-in Drain Pump

On-Off Duct



Model		MTIT-18CWN1 MOTCA30U-18CN1	MTIT-24CWN1 MOTD30U-24CN1	MTIT-33CWN1 MOTD30U-33CN1	MTIT4-36CWN2 MOT4DU-36CN2	MHGT4-48CWN2 MOT4E0U-48CN2	MHGT4-55CWN1 MOT4E30U-55CN1
Capacity (Btu/h)	Cooling	T1 : 18000	T1 : 24330	T1 : 33780	T1 : 38820	T1 : 50750	T1 : 57100
		T3 : 16236	T3 : 22330	T3 : 30510	T3 : 34330	T3 : 46020	T3 : 51731
	Heating	-	-	-	-	-	-
Power input (W)	Cooling	T1 : 1542	T1 : 2072	T1 : 2886	T1 : 3318	T1 : 4167	T1 : 4922
		T3 : 1884	T3 : 2532	T3 : 3439	T3 : 4025	T3 : 5128	T3 : 6100
	Heating	-	-	-	-	-	-
EER (W/W)		T1 : 11.67	T1 : 11.74	T1 : 11.70	T1 : 11.70	T1 : 12.18	T1 : 11.60
		T3 : 8.62	T3 : 8.82	T3 : 8.87	T3 : 8.53	T3 : 8.97	T3 : 8.48
COP (W/W)		-	-	-	-	-	-
Rated Current (A)	Cooling	T1 : 6.90	T1 : 9.24	T1 : 13.84	T1 : 16.83	T1 : 8.15	T1 : 8.31
		T3 : 8.35	T3 : 11.30	T3 : 15.92	T3 : 19.64	T3 : 9.29	T3 : 10.00
	Heating	-	-	-	-	-	-
Power supply (Ph/V/Hz)		1/220-240/50	1/220-240/50	1/220-240/50	1/220-240/50	3/380-415/50	3/380-415/50
Indoor air flow (m³/h) (Turbo/Hi/Me/Lo)		1029/881/705	1513/1344/1063	2190/1818/1400	2171/1883/1436	2833/2377/1964	3291/2810/2355
Refrigerant		R410A	R410A	R410A	R410A	R410A	R410A
ESP(Pa)	Rated	25	25	37	37	50	50
	Range	0-80	0-100	0-120	0-120	0-160	0-160
Indoor							
Net dimension (mm)	W*D*H	880x674x210	1100x774x249	1200x874x300	1200x874x300	1200x625x380	1200x625x380
Packing dimension (mm)	W*D*H	1070x725x270	1305x805x305	1405x915x355	1405x915x355	1485x675x450	1485x675x450
Net/Gross weight (kg)		25.5/31.1	31.2/37.6	44.8/53.3	44.4/52.7	56/64.1	56.5/64.5
Indoor noise level [dB(A)] (Hi/Mi/Lo)		44/41/37	43/41/37	49.7/47/44.6	48.6/44.6/41	52.8/50.5/47.9	53/50/48
Outdoor							
Net dimension (mm)	W*D*H	845x363x702	946x420x810	946x420x810	900x350x1170	952x415x1333	952x415x1333
Packing dimension (mm)	W*D*H	965x395x765	1090x500x885	1090x500x885	1032x443x1307	1095x495x1480	1095x495x1480
Net/Gross weight (kg)		49.1/52.4	58.7/64.4	69.6/74.4	92.5/104.2	103.4/116.8	112.5/125.6
Outdoor noise level [dB(A)]		58	63	61.9	63	62.1	62
Refrigerant piping							
Liquid side/ Gas side	mm(inch)	Ø6.35/Ø12.7(1/4"/1/2")	Ø9.52/Ø15.9(3/8"/5/8")	Ø9.52/Ø19(3/8"/3/4")	Ø9.52/Ø19(3/8"/3/4")	Ø9.52/Ø22(3/8"/7/8")	Ø9.52/Ø22(3/8"/7/8")
Max. pipe length	m	25	25	30	30	50	50
Max. difference in level	m	15	15	20	20	30	30

Notes:

T1: Indoor temperature of 27°CDB/19°CWB, outdoor temperature of 35°CDB/24°CWB

T3: Indoor temperature of 29°CDB/19°CWB, outdoor temperature of 46°CDB/24°CWB

Due to continuous product development, data might be updated without prior notice.

Features



Independent
Dehumidification



Auto Restart
Function



Timer



Sweet Dreams



Wired Control



Diamond
Cabinet



WIFI Control

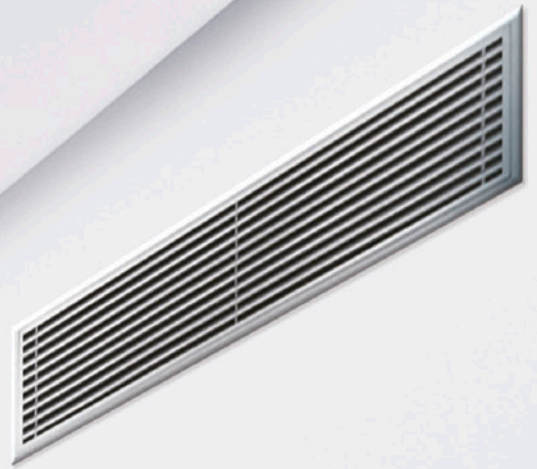
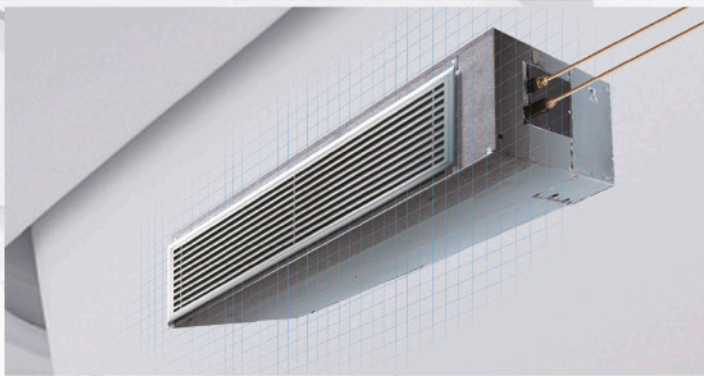


Golden Fin



Air Flow
Volume Function

Inverter Duct



Model		MTIT-18HWFN1(A)	MTIT-24HWFN1(A)	MTIT-36HWFN1(A)	MHGT-48HWFN1	MHGT-55HWFN1
Capacity (Btu/h)	Cooling	T1 : 18700 (5500-22000)	T1 : 25300 (7600-29500)	T1 : 34800 (11000-40000)	T1 : 46700 (14000-52000)	T1 : 53300 (18000-57500)
		T3 : 16600	T3 : 22400	T3 : 31400	T3 : 42820	T3 : 47700
	Heating	20813 (5459-24566)	27535 (8530-33438)	34120 (9895-39579)	52743 (16036-56298)	56141 (18425-59710)
Power input (W)	Cooling	T1 : 1539 (540-2000)	T1 : 1951 (680-2600)	T1 : 2806 (1050-4000)	T1 : 3924 (1400-5300)	T1 : 4479 (1850-5800)
		T3 : 1773	T3 : 2413	T3 : 3470	T3 : 4941	T3 : 5683
	Heating	1532 (520-2000)	2152 (700-2800)	2439 (900-3300)	3974 (1450-5400)	4285 (1500-5600)
EER (Btu/h)/W		T1 : 12.15	T1 : 12.97	T1 : 12.40	T1 : 11.90	T1 : 11.90
		T3 : 9.36	T3 : 9.28	T3 : 9.05	T3 : 8.67	T3 : 8.39
COP (W/W)		3.98	3.75	4.10	3.89	3.84
Rated Current (A)	Cooling	T1 : 6.77	T1 : 8.61	T1 : 12.50	T1 : 6.30	T1 : 7.50
		T3 : 7.77	T3 : 10.56	T3 : 15.34	T3 : 7.80	T3 : 8.90
	Heating	6.73	9.45	11.04	6.40	6.84
Power supply (Ph/V/Hz)		1/220-240/50(60)	1/220-240/50(60)	1/220-240/50(60)	3/380-415/50(60)	3/380-415/50(60)
Indoor air flow (m³/h) (Hi/Mi/Lo)		970/805/630	1365/1100/880	2250/1880/1360	2835/2424/1986	3365/2945/2470
Refrigerant		R410A	R410A	R410A	R410A	R410A
ESP(Pa)	Rated	25	25	37	50	50
	Range	0-80	0-100	0-120	0-160	0-160
Indoor						
Net dimension (mm) (body)	W*D*H	880x674x210	1100x774x249	1200x874x300	1200x625x380	1400x858x440
Packing dimension (mm) (body)	W*D*H	1070x725x270	1305x805x305	1405x915x355	1485x675x450	1605x910x505
Net/Gross weight (kg)		25.8/31	32.6/39.9	44.5/52.7	55.9/63.7	72.7/84.3
Indoor noise level [dB(A)] (Hi/Mi/Lo)		43/39/34	40/38/35.5	48.5/45.5/42.5	49.5/47/44.9	51.5/48.8/45.9
Outdoor						
Net dimension (mm)	W*D*H	890x342x673	946x420x810	946x420x810	952x415x1333	952x415x1333
Packing dimension (mm)	W*D*H	995x435x750	1090x500x885	1090x500x885	1095x495x1480	1095x495x1480
Net/Gross weight (kg)		43.4/46.7	58.6/63.2	66.0/70.9	94/107.2	97.3/110.3
Outdoor noise level [dB(A)]		58	58	62.5	66.5	66
Refrigerant piping						
Liquid side/ Gas side	mm(inch)	Ø6.35/Ø12.7(1/4"/1/2")	Ø9.52/Ø15.9(3/8"/5/8")	Ø9.52/Ø19(3/8"/3/4")	Ø9.52/Ø19(3/8"/3/4")	Ø9.52/Ø22(3/8"/7/8")
Max. pipe length	m	25	25	30	50	50
Max. difference in level	m	15	15	20	30	30

Notes:

T1: Indoor temperature of 27°CDB/19°CWB, outdoor temperature of 35°CDB/24°CWB

T3: Indoor temperature of 29°CDB/19°CWB, outdoor temperature of 46°CDB/24°CWB

Due to continuous product development, data might be updated without prior notice.

Features



Independent
Dehumidification



Auto Restart
Function



Timer



Sweet Dreams



Wired Control



Diamond
Cabinet



WIFI Control



Golden Fin



Air Flow
Volume Function



Residential Air Conditioner Division
Address: GD Midea Refrigeration Equipment Limited Company, 22 Lingang Rd, Shunde, Foshan, Guangdong, P.R. China
Postal Code: 528311
Website: www.midea.com/global/

Specifications are subject to change without notice.



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