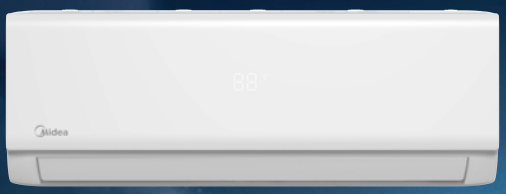
Midea
make yourself at home

BUILT TO LAST



Available in Pure White, Graphite Grey & Mirror Black indoor unit options.
Includes new Prime Guard Hyper Grapfins outdoor unit fins protection.
Comes with built-in Ionizer Air Purification technology.

World's No.1 AIR TREATMENT BRAND

Xtreme Dura

R32 Inverter Wall Mounted Split

XTREME DURA

Prime Guard HYPER GRAPFINS

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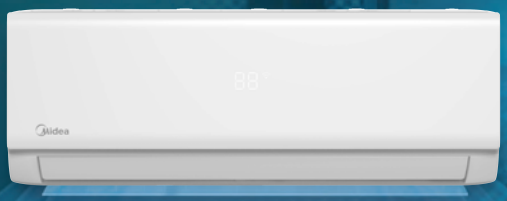
Stay Cool, Save More.

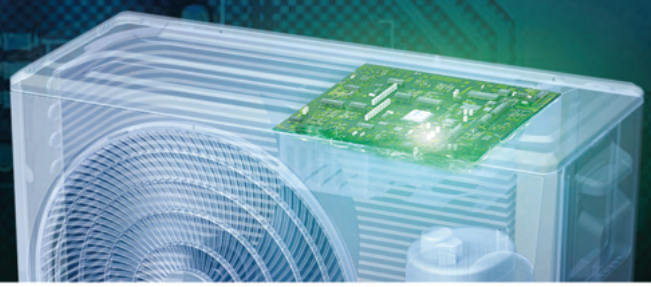


Smart SavE ieco Mode

Save your money as well as your worries on energy consumption with Midea's SmartSavE ieco mode. Simply power on your Midea air conditioner and select the mode from your remote for a full night's energy-efficient comfort. With the ultra-low energy needed, now you can enjoy a restful sleep.

Precise-Control Algorithm

AlgorithmMidea's Innovative SmartSavE mode now uses the Alpha Energy Chip with precise control Inverter Deduction Algorithm. This enables the chip to do more precise signal receiving, accurate data processing, anticipating and prompt instructions sent to the compressor. This helps the inverter compressor to work more efficiently, saving energy while ensuring you are comfortable and cool.



Smart SavE ieco

Just click the SmartSavE "ECO" button to activate the mode. Your AC can keep you cool over an **8-hour** night period, saving up to **71%** energy consumption. *

INVERTER QUATTRO

The Inverter Quattro™ supports continuous compressor operation at ultra-low speed of **12Hz**. Thanks to the SmartSavE precise-control algorithm, ultra-stable frequency is achieved with minor vibration which decreased by up to **16 times**.

GEARSHIFT

Possibility to set the operating power of the compressor to 50%, 75% or 100%. This option allows direct regulation of power consumption. Gear Change is only available in cooling mode.

** Data base on testing lab, term & condition apply.*

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Healthy

Experience the air magic with built-in Super Ionizer

Upon starting up your air conditioner, the Air Magic built-in device generates positive and negative ions. This technology captures and eliminates up to 99% bacteria and viruses. Making sure every breath you take is clean, fresh and healthy air. The Xtreme Dura offers a complete air treatment system which doubles up as an Air Conditioner and an Air Purifier.

Deep Self Cleaning

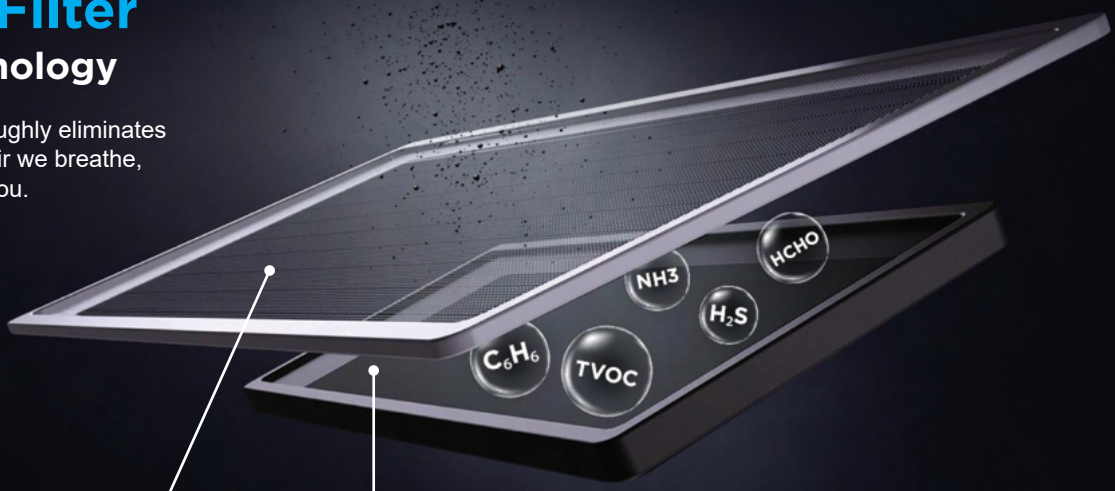
Unlike the normal self-cleaning mode, in the 56°C sterilization mode the heat exchanger (in the indoor unit) is heated to 56°C for 30 minutes, thus killing up to 99.9% of the bacteria after only two cycles of use.

56°C sterilization

Cold Catalyst Filter

Dual Filtration Technology

Cold Catalyst filtration system thoroughly eliminates harmful substances present in the air we breathe, providing clean and healthy air for you.



STEP 1: High Density Pre Filter

Density pre filter can effectively prevent large particles such as pet hair, dust and other airborne particles.

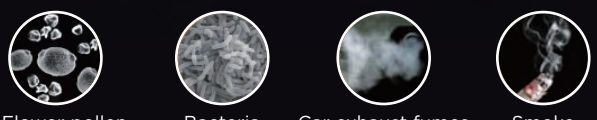
Dust

Dog hair | Dust mites | Fungai

STEP 2: Micro Protection Filter

Cold catalyst filter can catalyze the reaction of various harmful gases, such as formaldehyde, ammonia, benzene, TVOC and hydrogen sulfide.

Pollen (Allergen), smoke, micro dust(under 0.3um)



Flower pollen | Bacteria | Car exhaust fumes | Smoke

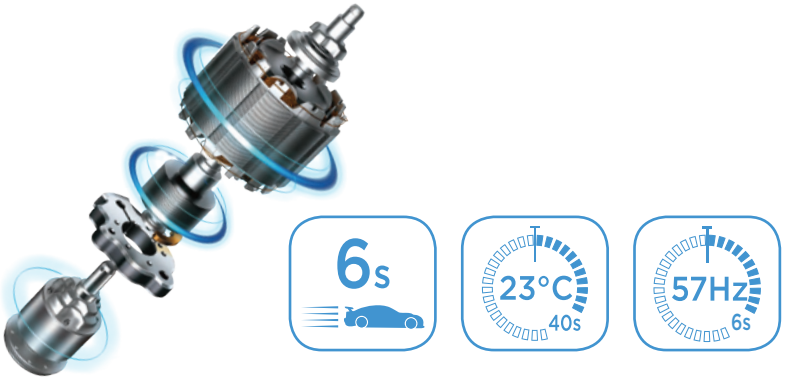
Comfort

ThermoStatic Technology

Keeping you steadily cool within ± 0.5 °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 on and off, keeping you feel comfortable with steady temperature within ± 0.5°C.

Flash Cooling



High-frequency Racer Tech

Like a racing roadster, this tech enables the compressor to achieve maximum frequency in split of the moment **(57Hz within 6s)** upon start up, providing you powerful cooling once the air conditioner is on.

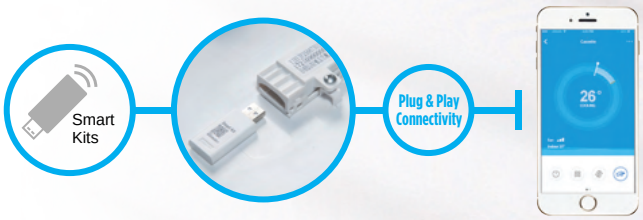
Smart

Control Your AC, Anytime and Anywhere

WIFI Control (Included)

Wherever you are, you can keep your home comfortable using the Midea **Smart Home** App.

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.



Plug in Smart Kit into the air conditioner display board to enjoy the Smart Technology.

Smart WiFi CONTROL
Wherever You Are

Simply download the MideaAIR app to control your home's air conditioning at anytime and from anywhere for ultimate convenience and peace of mind. Help your kids or grandparents operate the air conditioning, even when you're not at home.

Smart Diagnosis

Run an automatic physical exam of your AC unit to detect any potential malfunctions, and guard against failures.

Smart Sleep Curve

Set the most appropriate temperature curve for you and your family members. There're default modes for selection, or you can customize your own one.

Reliable And Durable

BUILT TO LAST

Durable | Anti-Aging | Anti-Corrosion

WHAT CAUSES CORROSION IN AIR CONDITIONERS?

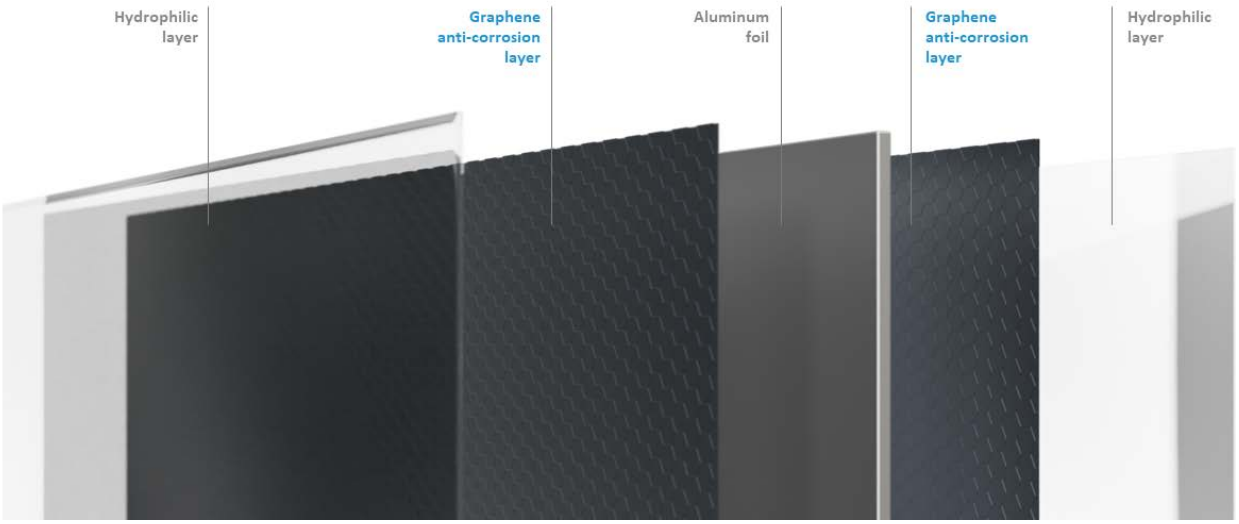
The heat exchanger in the outdoor units are inevitably bitten by the external corrosion factors such as salt, acid and rain.

Furthermore, the sunlight will accelerate the aging of the outdoor unit, even if it is not directly exposed to the sun, the heat exchanger will receive about 1/6 of the light radiation.

Corrosion on heat exchangers deteriorate the heat transfer performance, and the generated corrosive substances become obstacles to heat transfer, resulting in shortened product life.

5-LAYER STRUCTURE, DOUBLE PROTECTION

Prime Guard
HYPER GRAPFINS

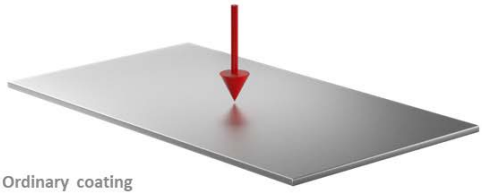


Reliable And Durable

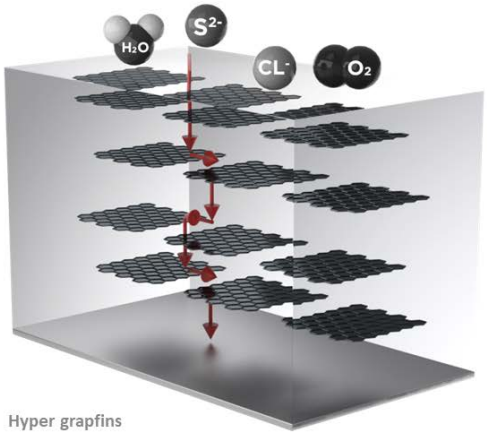
WHY CAN GRAPFINS ENHANCE CORROSION RESISTANCE?

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.



Ordinary coating



Hyper grapfins

1 EXTREME DURABILITY

Verified by three test standards

Prime Guard HYPER GRAPFINS

First Test Standard

20 to 50-year

-corrosion-resistance fin

Depended on the using industrial environment with salt contamination

intertek
Total Quality. Assured.

Second Test Standard

MIDEA EXCLUSIVE ANTI-AGING TECHNOLOGY TEST

After 240 hours of UVB light, equivalent to more than 6-year of the outdoor unit used in an ordinary environment, and 72h neutral salt spray test.

Hyper grapfins

0.02% corrosion area*

5X corrosion resistance than golden coating

intertek
Total Quality. Assured.

www.midea.mt

Reliable And Durable

Third Test Standard

STAND UP TO NEUTRAL SALT SPRAY TEST FOR 1500H

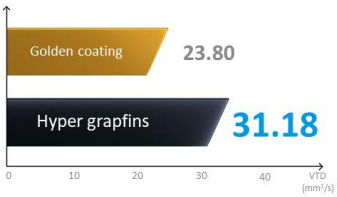
COMPARISON RESULT

1500h neutral salt spray test

Coating	Corrosion area	Rating number
Hyper grapfins	0.02%	9.8
Green coating	0.02%	9.8
Golden coating	0.05%	9.5
Blue coating	0.05%	9.5
Aluminum foil	100%	0

2

HIGH THERMAL CONDUCTIVITY



Hyper grapfins with a higher vertical thermal diffusivity(VTD) can heat

31% faster than golden coating.

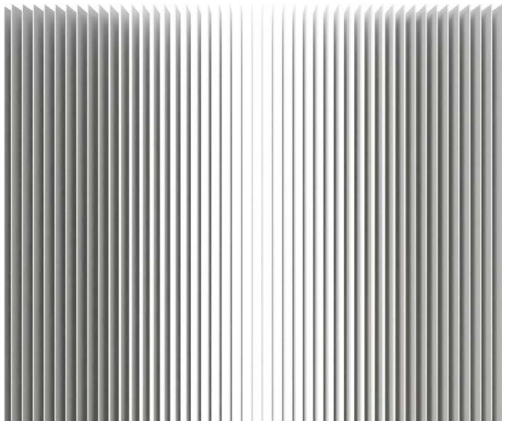
3

STRONG HYDROPHILICITY

The hydrophilicity of hyper grapfins accelerates the flow of condensed water on fins, reduces wind resistance, accelerates heat transfer, and improves the air conditioning performance.

The hydrophilicity of hyper grapfins

92.5% stronger than aluminum foil.



Prime Guard HYPER GRAPFINS

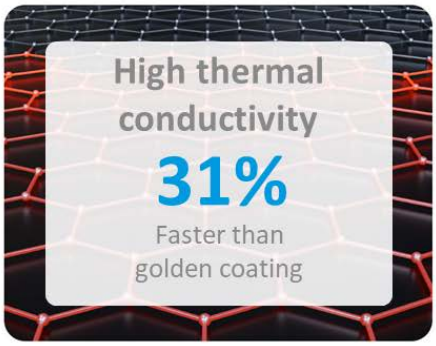
Extreme durability anti-aging & anti-corrosion

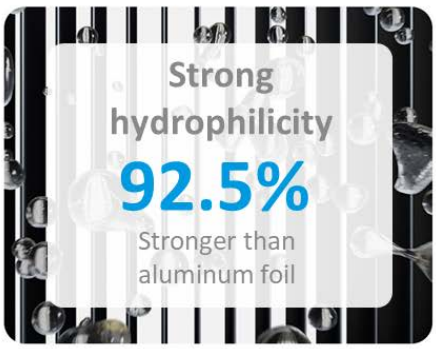
20 to 50 year corrosion-resistance fin

0.02% The corrosion area

5X Corrosion resistance than golden coating

1500 Hour salt spray test validation





Appearance

Indoor Units

Remote Control

Outdoor Unit

XTREME DURA Specifcations

Model Name			Xtreme DURA 9,000Btu	Xtreme DURA 12,000Btu	Xtreme DURA 18,000Btu	Xtreme DURA 24,000Btu
Maximum Cooling / Heating Capacity			**11,000 / 11,600Btu**	**14,700 / 14,950Btu**	**21,000 / 21,500Btu**	**28,000 / 29,105Btu**
Internal Unit Code			MSAGBU-09HRFN8	MSAGBU-12HRFN8	MSAGCU-18HRFN8	MSAGDU-24HRFN8
External Unit Code			MOX201-09HFN8	MOX201-12HFN8	MOX301-18HFN8	MOX401-24HFN8
Power Supply		F-V-Hz	220-240V 50Hz			
Cooling Performance PR EN 14825	Cooling Capacity	kW (Min-Nom-Max)	1,03-2,64-3,22	1,38-3,52-4,31	3,39-5,28-6,15	2,11-7,03-8,20
	Absorbed Power	W (Min-Nom-Max)	80-628-1100	130-990-1650	560-1550-2050	420-2578-3200
	Current	A (Nom)	2,7	4,3	6,8	11,0
	Theoretical Load (PdesignC)	kW	2,6	3,5	5,3	7,0
	SEER		7,4	7,1	7,0	6,4
	Energy Efficiency Rating		A++	A++	A++	A++
	Annual Energy Consumption	kWh/A	103	144	265	383
Heating Performance PR EN 14825	Heating Capacity	kW (Min-Nom-Max)	0,82-3,22-3,39	1,07-3,81-4,38	3,10-5,57-6,30	1,55-7,33-8,53
	Absorbed Power	W (Min-Nom-Max)	70-716-990	160-976-1560	780-1682-2000	300-2168-3100
	Current	A (Nom)	3,1	4,2	7,3	9,4
	Theoretical Load (PdesignH)	kW	2,7	3,1	4,5	5,3
	SCOP		5,4	5,5	5,1	5,1
	Energy Efficency Rating		A+++	A+++	A+++	A+++
	Annual Energy Consumption	kWh/A	630	723	1235	1455
	Temperature Operating Limit (Tol)	°C	-15	-15	-15	-15
Energy Efficiency PR EN 14511	E.E.R./C.O.P.	W/W	4,20/4,50	3,55/3,90	3,40/3,76	3,33/3,76
Indoor Unit	Dimensions (W-D-H)	mm	726-210-291	835-208-295	969-241-320	1083-244-336
	Net Weight	Kg	8,0	8,7	11,2	13,6
	Packaging Dimensions (W-D-H)	mm	905-295-335	905-295-335	1045-405-315	1155-415-315
	Gross Weight	Kg	10,5	11,5	14,6	17,3
	Air Flow (Mid-Med-Max)	m^3/h	300-360-510	310-371-520	500-600-800	610-770-1090
	Sound Pressure (Si-Mid-Med-Max)	dB(A)	19-22-31-37	21-22-33-39	20-31-37-41	21-34-37-46
	Sound Power (Mid-Med-MAx)	dB(A)	54	55	56	62
Outdoor Unit	Dimensions (W-D-H)	mm	720-270-495	720-270-495	874-330-554	995-342-673
	Net Weight	Kg	26,7	26,7	33,5	43,9
	Packaging Dimensions (W-D-H)	mm	882-337-610	887-337-610	915-370-615	995-398-740
	Gross Weight	Kg	29,1	29,1	36,1	46,9
	Air Flow	m^3/h	2150	2200	2100	3500
	Sound Pressure (Max)	dB(A)	54	55	57	60
	Sound Power (Max)	dB(A)	58	61	65	67
	Compressor Type		ROTARY	ROTARY	ROTARY	ROTARY
Refrigerant Circuit	Piping Connection Liquid	mm	6,35	6,35	6,35	9,52
	Piping Connection Gas	mm	9,52	9,52	12,70	15,88
	Pre-charged Pipe Length	m	5	5	5	5
	Maximum Pipe Length	m	25	25	30	50
	Additional Refrigerant Charge	g/m	12	12	12	24
	Maximum Level Difference	m	10	10	20	25
Refrigerant	Refrigerant Type		R32	R32	R32	R32
	GWP		675	675	675	675
	Refrigerant Charge	Kg	0,62	0,62	1,10	1,45
	Emmisions CO_2	Ton	0,419	0,419	0,743	0,979
	Test Pressure (High Side/ Low Side)	MPa	4,3/1,7	4,3/1,7	4,6/1,7	4,6/1,7
Electrical Characteristics	Main Power Supply		External Unit	External Unit	External Unit	External Unit
	Indoor-Outdoor Unit Connection	n° Conductors	4P + Earth	4P + Earth	4P + Earth	4P + Earth
	Maximum Absorbed Power	W	2200	2200	2500	3700
	Maximum Current	A	11,0	11,0	13,0	19,0
Operation Temerature	Indoor Temperature	Cool.(Min-Max) °C B.U.	+16 - +32	+16 - +32	+17 - +32	+17 - +32
		Heat.(Min-Max) °C B.S.	0 - +30	0 - +30	0 - +30	0 - +30
	Outdoor Temperature	Cool.(Min-Max) °C B.S.	-15 - +50	-15 - +50	-15 - +50	-15 - +50
		Heat.(Min-Max) °C B.U.	-15 - +30	-15 - +30	-15 - +24	-15 - +24

Prime Guard Hyper Grapfins protection is available only on Midea Xtreme Dura air conditioners.

- **Improved Performance:** By using Hyper Grapfins, Midea AC can produce faster and more efficient air cooling. The graphene material allows optimal heat transfer, thereby allowing the air conditioner to work more effectively even in extreme weather conditions.
- **Energy Efficiency:** Hyper Grapfins technology also helps improve the energy efficiency of Midea ACs. With superior heat transfer capabilities, air conditioners can reach desired temperatures faster, reducing compressor runtime and saving energy.
- **High Durability:** Graphene is known for its strength and resistance to corrosion. Therefore, Midea ACs that use Hyper Grapfins have a longer service life and require less maintenance, making them a sustainable investment for consumers.

Prime Guard HYPER GRAPFINS

20 to 50-year corrosion resistant fins
31% faster cooling than golden fins
92.5% stronger than aluminium foil

Midea Air Conditioners are Eurovent Certified - A gaurantee of quality.

Eurovent is an independent European body that certifies that the performances and technical features of air conditioning products follow European and international standards. When a product is certified from Eurovent, it is guaranteed that it will perform as its' manufacturer claims. Products go through strict testing protocols and are accurately evaluated to ensure high level of transparency and a commitment to exceptional quality products.

EUROVENT CERTIFIED PERFORMANCE www.eurovent-certification.com