

UP TO
60%
ENERGY
SAVING



Stop letting the
conventional Ac
steal your money



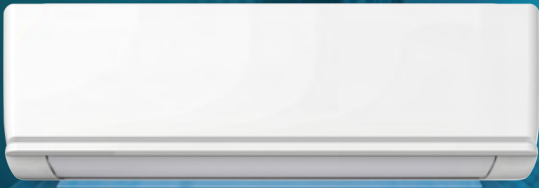
Xtreme SavE

R32 Inverter Wall Mounted Split



R32 INVERTER

Stay Cool, Save More.



Smart Save ieco Mode 

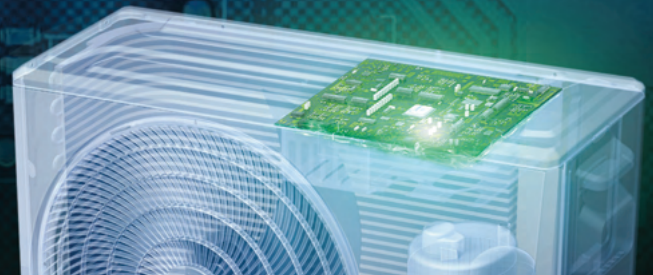
Save your money as well as your worries on energy consumption with Midea's SmartSavE ieco mode. Simply power on your Midea air conditioner and select the mode from your remote for a full night's energy-efficient comfort. With the ultra-low energy needed, now you can enjoy a restful sleep.

 Energi Chip



Precise-Control Algorithm

Midea'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



 Energi Chip



Mode 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 **60%** energy consumption.*

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.

Healthy

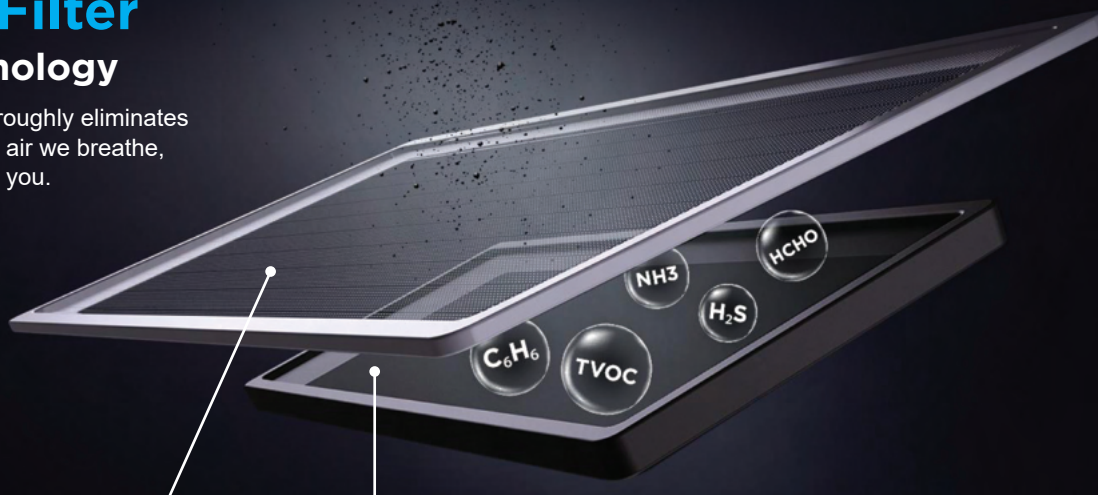
Deep Self Cleaning

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



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

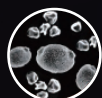


Fungai

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.

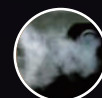
Pollen (Allergen), smoke, micro dust (under 0.3um)



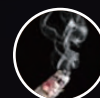
Flower pollen



Bacteria



Car exhaust fumes



Smoke

Comfort

ThermoStatic Technology

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

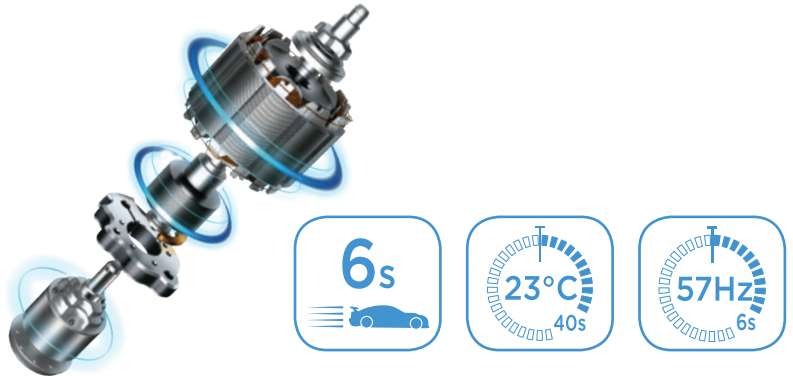
Thanks to the precise control of the Inverter Quattro™'s micro-chip, Midea air conditioner can easily maintain the desired temperature by varying the compressor speed without repeatedly turning on and off, keeping you feel comfortable with steady temperature within $\pm 0.5^\circ\text{C}$.



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.



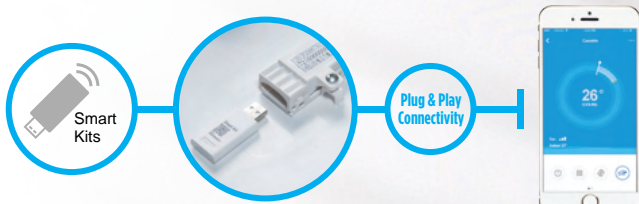
Smart

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.



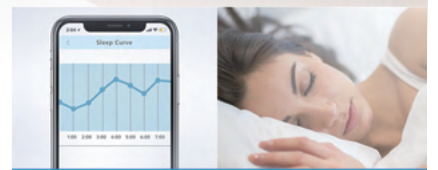
Smart WiFi CONTROL Wherever You Are

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.



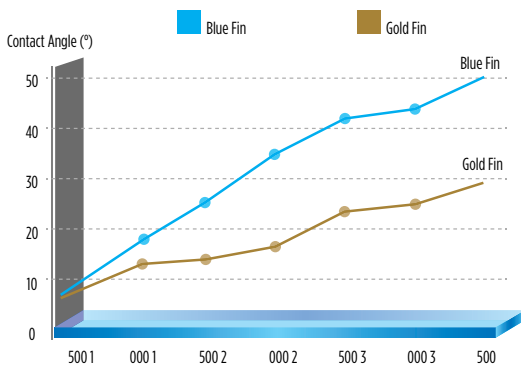
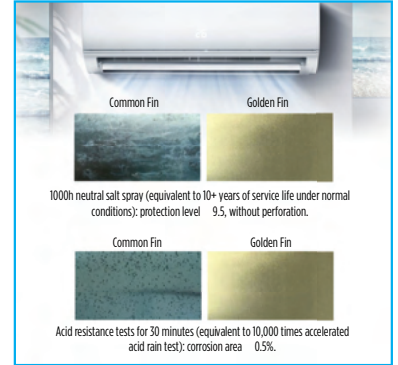
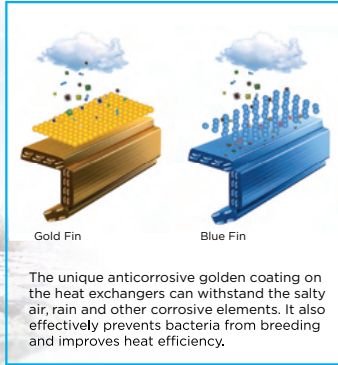
Smart Sleep Curve

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

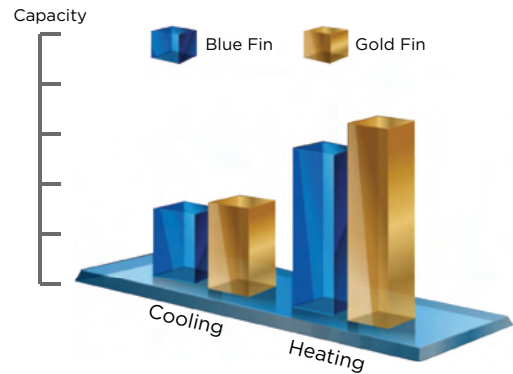
Reliable And Durable

Golden Fin

The golden finned hydrophilic coil efficiently prevents bacteria from breeding and spreading, creating a healthy and comfortable environment. It also improves heating efficiency by accelerating defrosting. The unique anti-corrosive gold plating can withstand salty air, rain and other corrosive elements.



Dry-wet cycle tests 3000 times (equivalent to using an air conditioner for 10 years): the golden fin still has good hydrophilicity (hydrophilic angle $\theta \leq 30^\circ$).



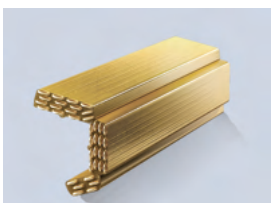
After one year of operation, the prototype with golden coating shows better performance in all working conditions than the prototype with blue coated foil.

Diamond-Cut Outdoor Unit



PrimeGuard™

Midea's PrimeGuard™ is more resistant in oxidation & corrosion than ordinary fins for condensers to furnish a steadier and long-lasting performance. It also efficiently prevents bacteria from breeding and oil stain from adhering, and withstand weather elements to enhance durability.



T-shape Diamond-Edged Casing

The Archimedes' screw-shaped air outlet and the bionic blower wheel work together to reduce the noise generated by the outdoor unit of the air conditioner, also largely improve the airflow capacity. The T-shaped top cover ensures the stable operation of the internal parts and the durability of the power system.



Features



iECO Mode



56 deg. cel. Sterilization



Gear Shift



Flash Cooling



Low Noise



Smart Diagnosis



Cold Catalyst Filter



ThermoStatic Technology



Diamond Cabinet



Follow Me



WiFi Control



Smart Sleep Curve (by Apps)



Weekly Timer (by Apps)

Appearance



Indoor Unit



Remote Control



Outdoor Unit

Specifications

Model Name			Xtreme SavE 9,000Btu	Xtreme SavE 12,000Btu	Xtreme SavE 18,000Btu	Xtreme SavE 24,000Btu
Maximum Cooling / Heating Capacity			11,000 / 11,600Btu	13,500 / 14,300Btu	21,000 / 21,500Btu	28,000 / 29,105Btu
Internal Unit Code			MSAGAU2-09HRFNX	MSAGU2-12HRFNX	MSAGCU2-18HRFNX	MSAGDU2-24HRFNX
External Unit Code			MOX102-09HFN8/LT	MOX102-12HFN8/LT	MOX301-18HFN8/LT	MOX401-24HFN8/LT
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	1,38-3,52-3,95	3,39-5,28-6,15	2,11-7,03-8,20
	Absorbed Power	W (Min-Nom-Max)	80-739-1100	120-1089-1650	560-1550-2050	420-2578-3200
	Current	A (Nom)	3,2	4,7	6,8	11,0
	Theoretical Load (PdesignC)	kW	2,8	3,6	5,3	7,0
	SEER		7,0	7,1	7,0	6,4
	Energy Efficiency Rating		A++	A++	A++	A++
	Annual Energy Consumption	kWh/A	132	182	265	383
Heating Performance PR EN 14825	Heating Capacity	kW (Min-Nom-Max)	0,82-2,93-3,39	1,07-3,81-4,19	3,10-5,57-6,30	1,55-7,33-8,53
	Absorbed Power	W (Min-Nom-Max)	70-771-990	110-1027-1480	780-1682-2000	300-2168-3100
	Current	A (Nom)	3,3	4,5	7,3	9,4
	Theoretical Load (PdesignH)	kW	2,5	2,5	4,5	5,3
	SCOP		5,1	5,2	5,1	5,1
	Energy Efficiency Rating		A+++	A+++	A+++	A+++
	Annual Energy Consumption	kWh/A	691	638	1235	1455
Energy Efficiency PR EN 14511	Temperature Operating Limit (Tol)	°C	-15	-15	-15	-15
	E.E.R./C.O.P.	W/W	3,60/3,80	3,23/3,71	3,40/3,76	3,33/3,76
Indoor Unit	Dimensions (W-D-H)	mm	726-210-291	802-200-295	969-241-320	1083-244-336
	Net Weight	Kg	7,7	8,2	11,2	13,6
	Packaging Dimensions (W-D-H)	mm	790-270-375	875-285-380	1045-405-315	1155-415-315
	Gross Weight	Kg	9,9	10,9	14,6	17,3
	Air Flow (Mid-Med-Max)	m³/h	330-460-520	350-400-530	500-600-800	610-770-1090
	Sound Pressure (Si-Mid-Med-Max)	dB(A)	20-22-32-37	21-22-32-37	20-22-32-37	21-22-32-37
	Sound Power (Mid-Med-Max)	dB(A)	54	56	56	62
Outdoor Unit	Dimensions (W-D-H)	mm	720-270-495	720-270-495	874-330-554	995-398-740
	Net Weight	Kg	21,0	21,0	33,5	43,9
	Packaging Dimensions (W-D-H)	mm	835-300-540	835-300-540	915-370-615	995-398-740
	Gross Weight	Kg	22,8	22,8	36,1	46,9
	Air Flow	m³/h	1850	1850	2100	3500
	Sound Pressure (Max)	dB(A)	55	55	57	60
	Sound Power (Max)	dB(A)	62	62	65	67
Refrigerant Circuit	Compressor Type		ROTARY	ROTARY	ROTARY	ROTARY
	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	0,60	0,65	1,10	1,45
	Emmissions CO ₂	Ton	0,405	0,439	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	2150	2150	2500	3700
	Maximum Current	A	10,0	10,0	13,0	19,0
Operation Temperature	Indoor Temperature	Cool.(Min-Max) °C B.U.	+17 - +32	+17 - +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 - +24	-15 - +24	-15 - +24	-15 - +24

Midea Air Conditioners are Eurovent Certified – A guarantee 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.

