



Solstice

AI-Powered Comfort Effortless Savings



ECOMASTER



SmartHome App



0° Ceiling
Flow



180° Waterfall
Flow



air magic+



Prime Guard

AI ECOMASTER

Solstice equipped with Midea's AI EcoMaster that uses a powerful AI algorithm that has been extensively pre-trained with billions of data points to provide the ultimate energy management in air conditioners even without internet connectivity.

Thanks to AI EcoMaster, Midea Solstice greatly enhances its predictive capabilities, achieves long-term precise temperature control, and balances the air conditioner's performance between comfort and efficiency with over 30% extra energy savings.



Other EcoMode

Imprecise control, causing high temp fluctuation and waste of energy

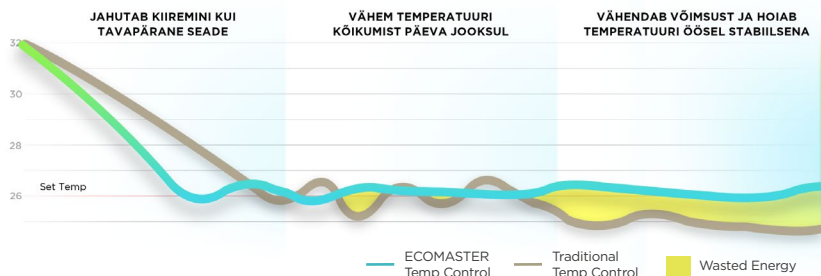
- 1 Single input of indoor temperature
- 2 Proportional control without prediction



Faster and precise control, Achieving energy saving and comfort

- 1 Multiple input of complex environmental factors
- 2 Predict dynamically in indoor heat load and Environment changes

AI ECOMASTER

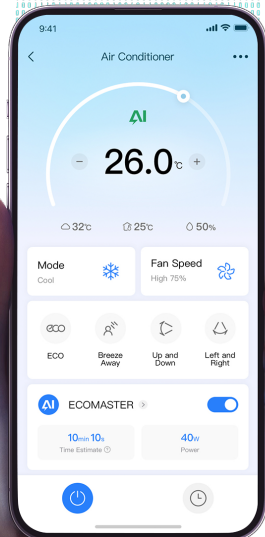


Perfectly balance efficiency & comfort

±0.3°C
Precise Temp Control

30%+
Extra Energy Saving

Verified by



One click, full control

Smart control and energy monitor Within your fingertips

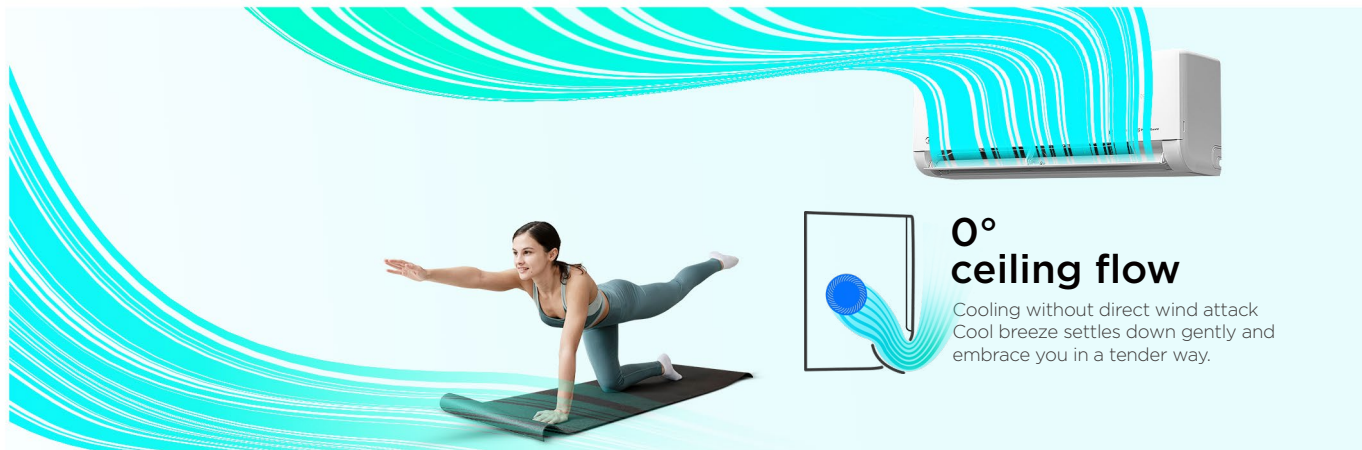
- Automatic delivery of periodic energy reports.
- Real time energy savings track.
- Tailor-made energy saving tips.



SmartHome Smart Compatible

Unlimited Dynamic Rotating Unexpected Flash Cooling

180° rotating wind deflector:
Unintentionally even out temperature, unanticipated delight in comfort



0° ceiling flow

Cooling without direct wind attack
Cool breeze settles down gently and
embrace you in a tender way.



180° waterfall flow

Immersive heating from toe to head
warm wind pours in quietly,
imperceptible heating.

Sleek Performa

Geometry styling of performance in ways
that pay homage to functionality.



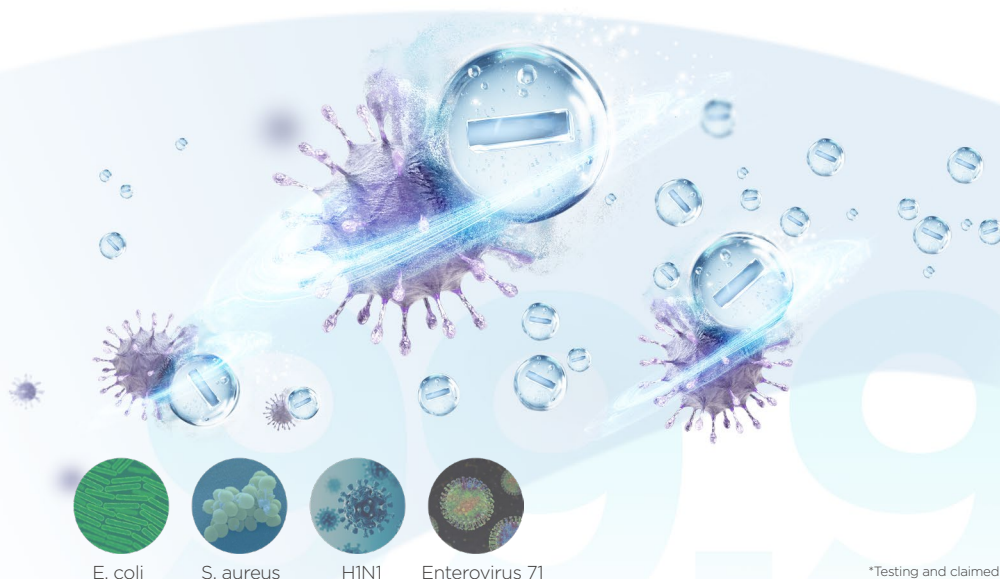
 Rational

 Balanced

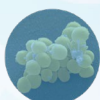
 Restrained

air magic+

Built-in negative ion generator eliminates up to 99.9% of viruses and bacteria including Staphylococcus aureus, Escherichia coli, H1N1, Enterovirus 71*.



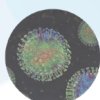
E. coli



S. aureus



H1N1



Enterovirus 71

*Testing and claimed under the negative ion generator criteria. The sterilization rates may vary during the actual operation of split type AC.

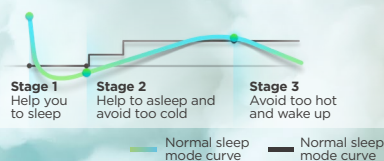
Self-clean

6-step self-cleaning technology at up to 56 °C high temperature, which deeply purifies evaporator in the air conditioner, keeping your air supply clean and fresh.



Smart sleep curve

Midea Solstice can adjust temperature automatically during your sleep according to your advanced setting in SmartHome App, to maintain a comfortable bedtime climate.

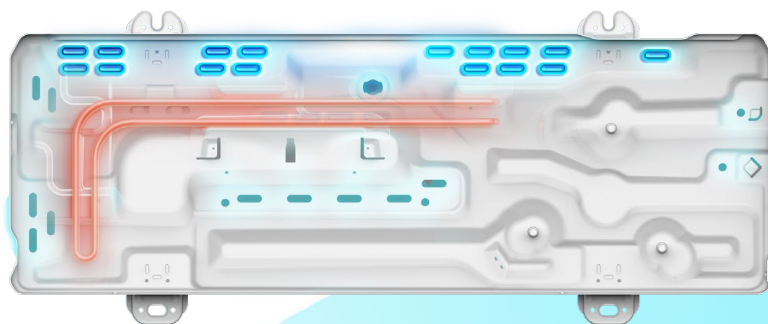


Low Ambient Temperature Heating



Crankcase Heating Belt

Helps quickly and smoothly start up the heating mode in a low temperature environment, also prevent internal freezing.



Specialized Chassis for Extreme Cold Regions

- 1.The upgraded stainless steel chassis heater is embedded with a power 1.9 times higher than the previous model, which can quickly dissolve and remove ice and snow from the outdoor unit.
- 2.Multiple openings are added to the chassis structure to facilitate rapid drainage after low-temperature ice melting.

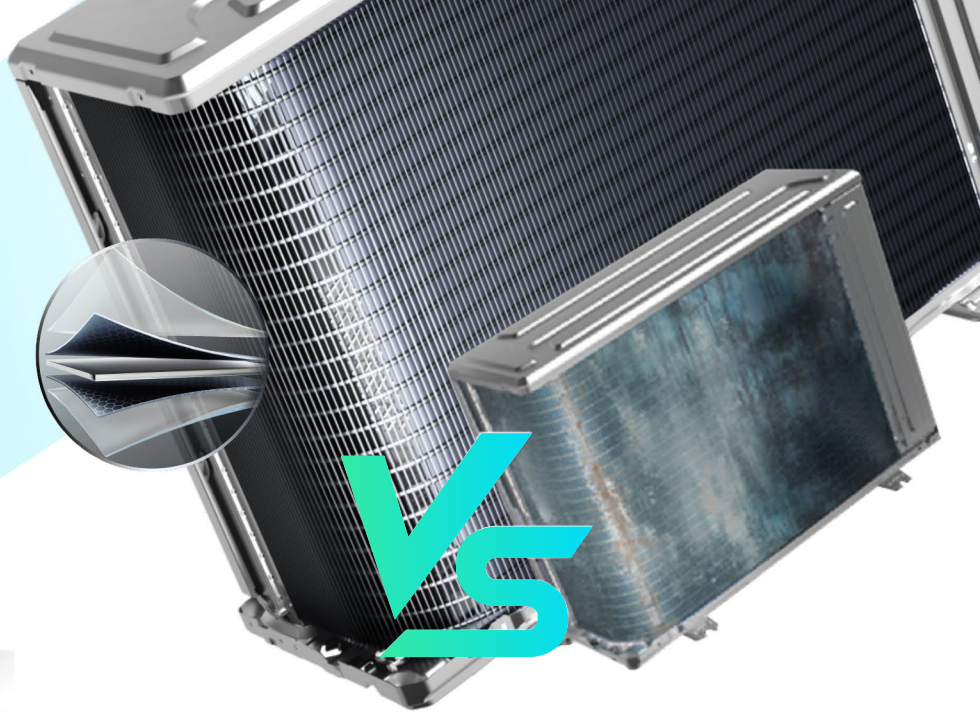
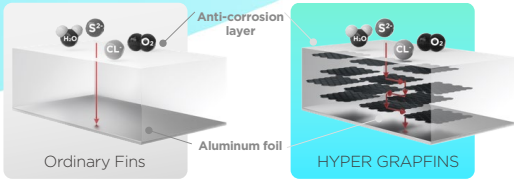
Prime Guard

HYPER GRAPFINS™

12.5X

Corrosion Resistance
than Blue Coated Fins

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.



* 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.



HYPER GRAPFINS™

Verified By Three Test Standards

20 to 50-year
-corrosion-resistance fin

Depended on the using industrial environment with salt contamination

After 240 hours UV test and 72 hours neutral salt spray (fog) test

0.02%
corrosion area

12.5X
corrosion resistance
than blue coated fins

Stand Up to Neutral Salt Spray Test for

1500h

* 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.

Built to Last

Anti-corrosion
Resist 1500h neutral Salt spray test.

Anti-aging
Durable after 240h of uvb light.

Double Protection
Double graphene layer For durability.

More Durable
Conformal coating up to 100µm Anti-sulfurization resistors.

More Stable
Smooth operation in wider range Voltage fluctuation protection.

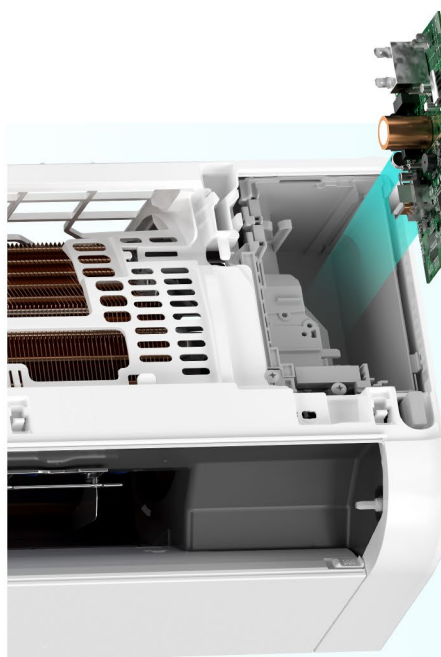
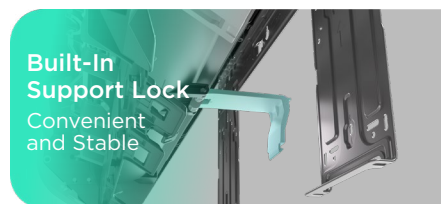
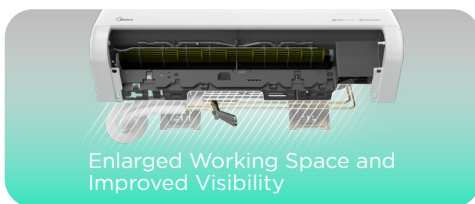
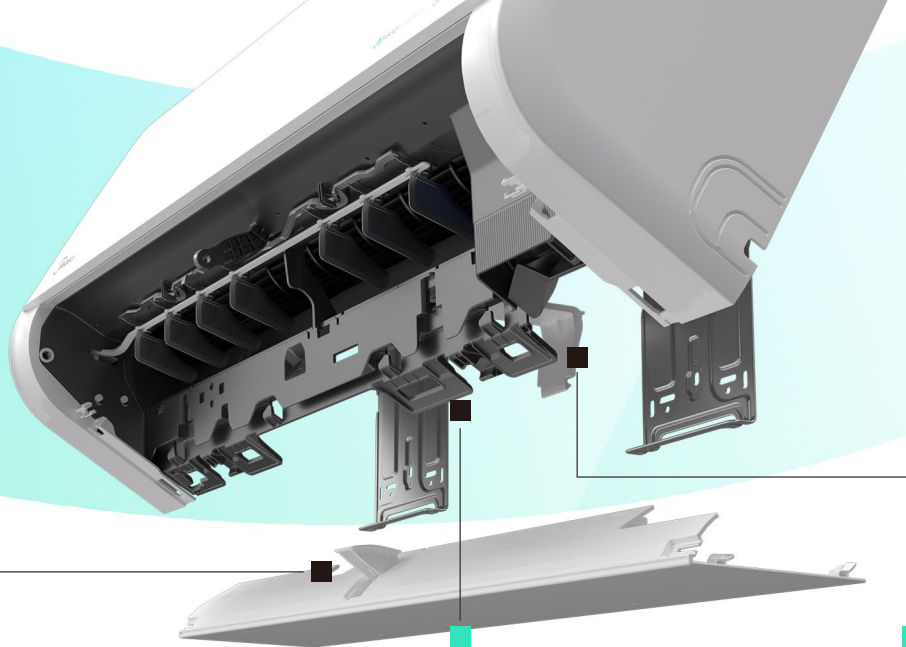
More Reliable
Double outlets patented ventilator Heat dissipation area increased by 15%.



Easy Installation

Pull Down Structure

Just loosen ONE screw to remove the pull down structure, and stretch out the built-in support lock. The enlarged working space and improved visibility were developed for easier installation.

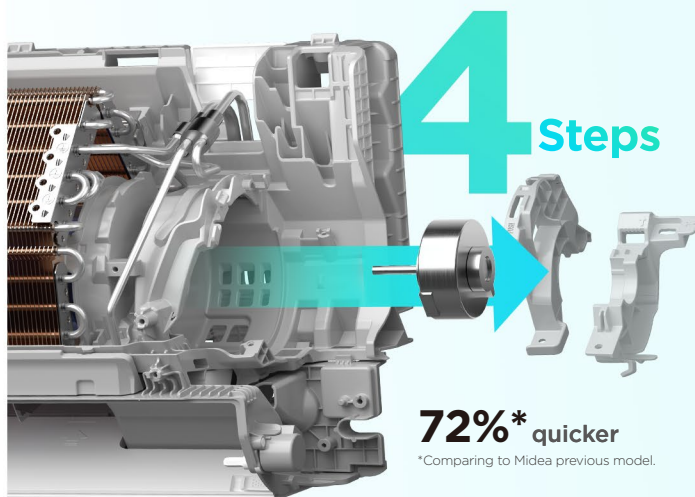


5 Steps
Improved process

Pull-out PCB Design

Achieve PCB replacement without removing the panel frame.

- Open the Front Panel
- Remove ONE Screw from the Electronic Control Box
- Take Away the Electronic Control Box Cover
- Remove Wire Terminals
- Pull Out the PCB



Fan Motor Repair Upgrade

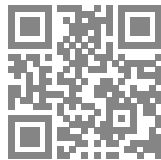
Achieve motor replacement without removing the evaporator.

- Remove the Front Frame
- Remove the Electronic Control Box
- Take Away the Motor Bracket
- Pull Out the PCB

Indoor Model		EZ-09RD6-I		EZ-12RD6-I		EZ-18RD6-I		EZ-24RD6-I			
		EZB-09RD6-I		EZB-12RD6-I		EZB-18RD6-I		EZB-24RD6-I			
Outdoor Model		MX2H-09RD6		MX2H-12RD6		MX4H-18RD6		MX4H-24RD6			
Power supply		V-Ph-Hz	220-240V,1Ph,50Hz		220-240V,1Ph,50Hz		220-240V,1Ph,50Hz		220-240V,1Ph,50Hz		
Cooling (Standard conditions)	Capacity	Btu/h	9000(3500-12000)		12000(4700-13800)		17060(6800-20900)		23884(7600-30000)		
	Capacity	kW	2.6 (1.0-3.5)		3.5 (1.4-4.0)		5.0 (2.0-6.1)		7.0 (2.2-8.8)		
	Input	W	634(80-1300)		1080(130-1550)		1433(160-1787)		2120(420-3450)		
	Current	A	4.4(0.35-5.82)		4.7(0.6-6.9)		6.04(0.72-7.90)		9.21(1.8-15)		
	EER	W/W	4.10		3.24		3.49		3.30		
Heating (Standard conditions)	Capacity	Btu/h	10000(2800-12500)		13000(3640-13900)		18425(4600-23100)		24908(5300-32000)		
	Capacity	kW	2.9 (0.8-3.7)		3.8 (1.1-4.1)		5.4 (1.4-6.8)		7.3 (1.6-9.4)		
	Input	W	674(70-1075)		1016(160-1400)		1440(230-1750)		1970(300-3150)		
	Current	A	4.45(0.32-4.76)		4.4(0.7-6.3)		6.26(1.1-7.60)		8.56(1.3-13.7)		
	COP	W/W	4.30		3.75		3.75		3.71		
Seasonal Cooling	Pdesignc	kW	2.6		3.5		5.0		7.0		
	SEER	W/W	8.8		8.5		8.5		7.9		
	Energy Efficiency Class		A+++		A+++		A+++		A++		
Heating(Average)	Pdesignh	kW	2.5		2.6		4.0		4.8		
	SCOP	W/W	4.6		4.6		4.6		4.6		
	Energy Efficiency Class		A++		A++		A++		A++		
Heating(Warmer)	Tbiv	°C	-7		-7		-7		-7		
	Pdesignh	kW	2.6		3.1		4.4		5.0		
	SCOP	W/W	6.0		6.0		5.7		5.1		
	Energy Efficiency Class		A+++		A+++		A+++		A+++		
	Tbiv	°C	2		2		2		2		
Tol	°C	-15		-15		-15		-15			
Rated Power Input	W	2200		2200		2800		3800			
Rated Current	A	10		10		13.5		19			
Indoor air flow (Turbo/ Hi/ Mi/ Lo/ Si)	m³/h	650/510/360/285/150		800/600/450/370/220		950/800/600/470/340		1150/1090/790/635/445			
Indoor noise level (Hi/ Mi/ Lo/ Si)	dB(A)	39/34/25/19.0		39/32/26/20		43/36/28/21.5		46/39.5/32.5/21.5			
Indoor sound power level	dB(A)	56		57		58		60			
Indoor unit	Dimension(W*D*H)	mm	723x199x286		813x201x289		975x218x308		1055x231x330		
	Packing (W*D*H)	mm	780x270x365		870x270x365		1065x300x385		1130x405x310		
	Net/ Gross weight	kg	7.5/9.6		8/10.4		10.2/13.3		13/16.4		
Outdoor air flow	m³/h	2200		2200		3500		3500			
Outdoor sound pressure level	dB(A)	54.0		55		57		60			
Outdoor sound power level	dB(A)	62		63		65		68			
Outdoor unit	Dimension(W*D*H)	mm	765x303x555		765x303x555		890x342x673		890x342x673		
	Packing (W*D*H)	mm	887x337x610		887x337x610		995x398x740		995x398x740		
	Net/ Gross weight	kg	23.1/25.4		23.1/25.4		37.8/41.0		41.0/44.0		
Refrigerant	Type		R32		R32		R32		R32		
	GWP		675		675		675		675		
Design pressure	Charged quantity	kg	0.55		0.58		0.85		1.08		
	MPa		4.3/1.7		4.3/1.7		4.3/1.7		4.3/1.7		
Refrigerant piping	Liquid side/ Gas side	mm(inch)	6	.35mm(1/4in)/9.52mm(3/8in)		6.35mm(1/4in)/9.52mm(3/8in)		6.35mm(1/4in)/12.7mm(1/2in)		6.35mm(1/4in)/12.7mm(1/2in)	
	Max. refrigerant pipe length	m	25		25		30		50		
	Max. difference in level	m	10		10		20		25		
Room temperature	Indoor(cooling/ heating)	°C	16~32/0~30		16~32/0~30		16~32/0~30		16~32/0~30		
	Outdoor(cooling/ heating)	°C	-15~50/-25~24		-15~50/-25~24		-15~50/-25~24		-15~50/-25~24		
Application area (Cooling Standard)	m²	12~18		16~23		23~33		32~47			
Qty per 20' / 40' / 40@HQ		100/220/245		95/200/235		65/135/155		65/130/150			



make yourself at home



<https://www.midea-group.com>