



Solstice

AI-Powered Comfort Effortless Savings



ECOMASTER



SmartHome App



0° Ceiling
Flow



180° Waterfall
Flow



air magic+



Prime Guard

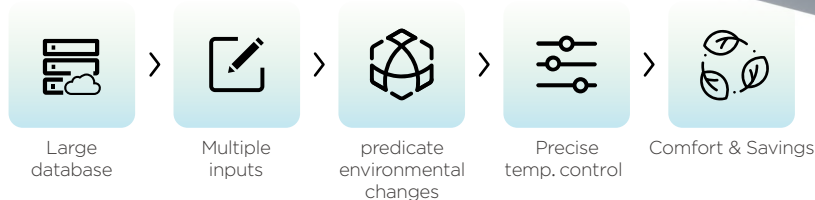


AI ECOMASTER

Significant Energy Savings

Solstice is equipped with Midea's new AI EcoMaster technology. This powerful AI algorithm 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 temperature fluctuations and energy wastage.

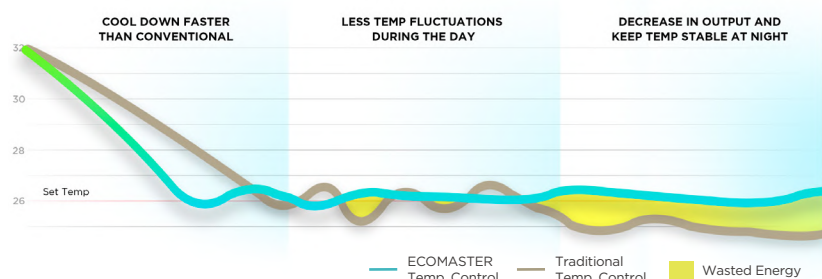
- 1 Single input of indoor temperature
- 2 Proportional control without prediction



Faster and precise control, Achieving energy savings and comfort.

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

AI ECOMASTER



Perfectly balance efficiency & comfort

±0.3°C
Precise Temp. Control

30%+
Extra Energy Saving

Verified by



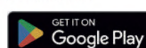
One click, full control

Smart control and energy monitoring within your fingertips.

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



SmartHome Compatible



Superior, Evenly Distributed Airflow

Uniform air distribution thanks to a 180° rotating wind deflector.
Even temperature in all the room for ultimate comfort.
Faster cooling and heating.



Elegance & Performance

A perfect combination of Elegance and functionality that is designed to offer superior performance, energy efficiency and long-lasting durability.

Solstice is the smartest air conditioner Midea ever built.

Available in White and Charcoal Grey.



Intelligent

Balanced

Durable

Healthy Air Management

Making sure every breath you take is clean, fresh and healthy air.
The Midea Solstice offers a complete air treatment system which doubles up as an Air Conditioner and an Air Purifier.

air magic+

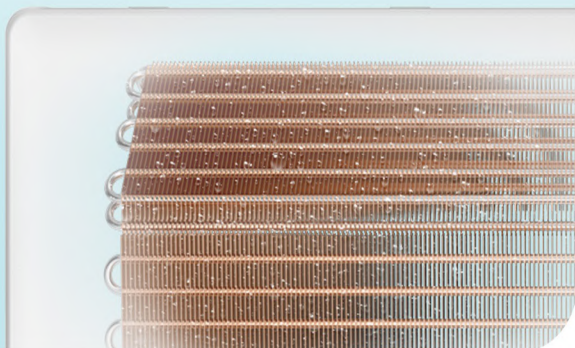
Built-in negative ion generator eliminates up to 99.9% of viruses and bacteria including Staphylococcus aureus, Escherichia coli, H1N1, Enterovirus 71*.

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



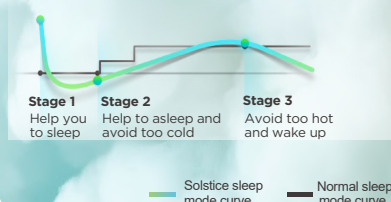
Self-clean

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.



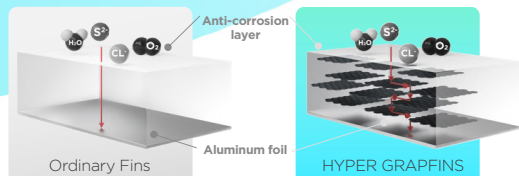


HYPER GRAPFINS™

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

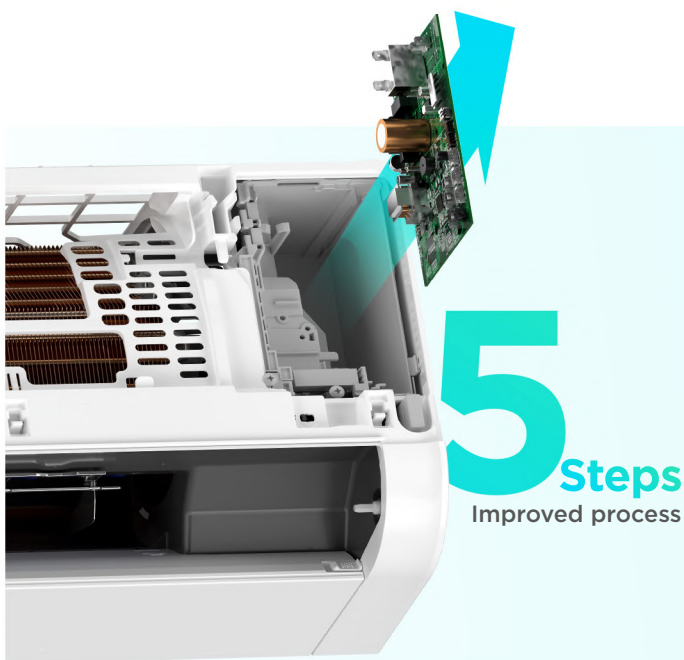
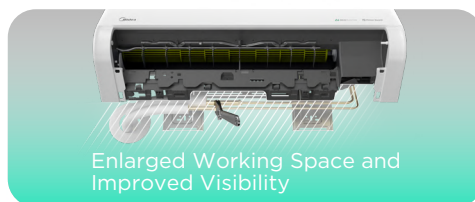
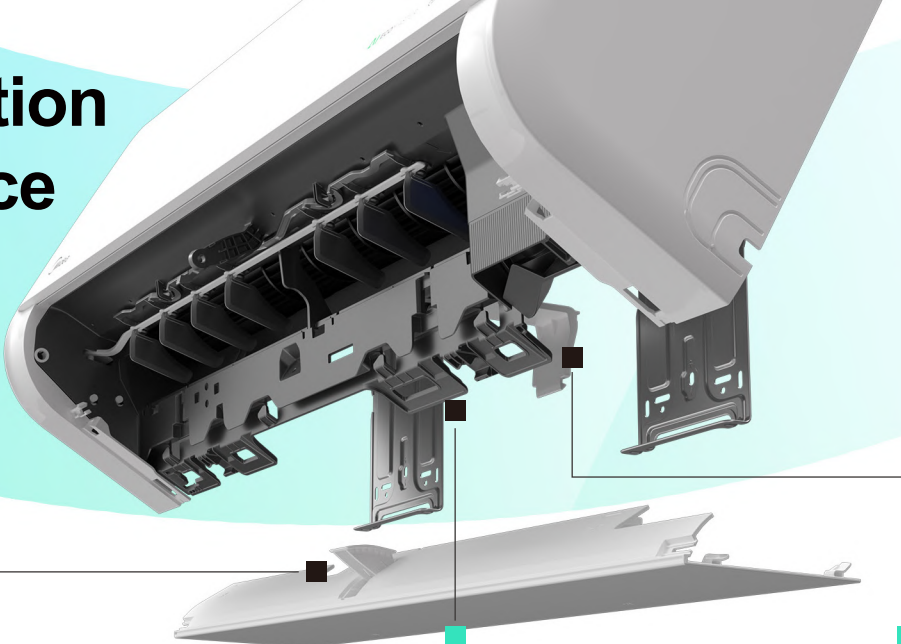
Double outlets
patented ventilator
Heat dissipation area
increased by 15%.



Easy Installation & Maintenance

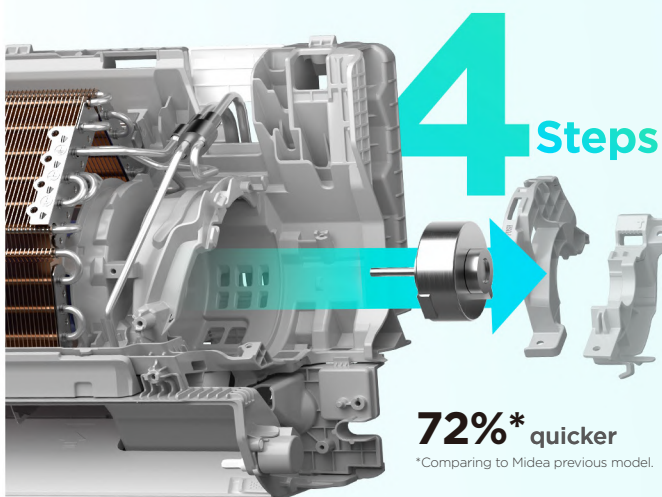
Pull Down Structure

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, maintenance and cleaning.



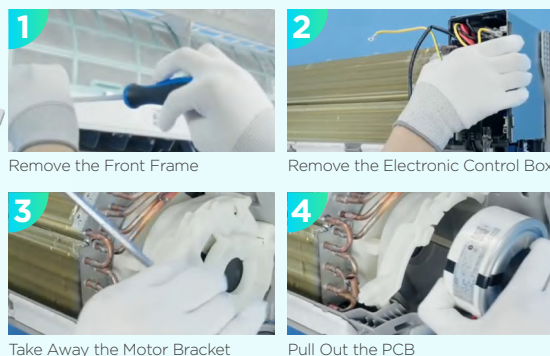
Pull-out PCB Design

Achieve PCB replacement without removing the panel frame.



Fan Motor Repair Upgrade

Achieve motor replacement without removing the evaporator.





Solstice

Specifications

Indoor Model			9,000Btu: EZ-09RD6-I	12,000Btu: EZ-12RD6-I	18,000Btu: EZ-18RD6-I	21,000Btu: EZ-21RD6-I	24,000Btu: EZ-24RD6-I
Outdoor Model			9,000Btu: EZ-09RD6-O	12,000Btu: EZ-12RD6-O	18,000Btu: EZ-18RD6-O	21,000Btu: EZ-21RD6-O	24,000Btu: EZ-24RD6-O
Power supply		V-Ph-Hz	220-240V,1Ph,50Hz	220-240V,1Ph,50Hz	220-240V,1Ph,50Hz	220-240V,1Ph,50Hz	220-240V,1Ph,50Hz
Cooling	Capacity	Btu/h	9000(3500~12,000)	12000(4700~13800)	18000(6800~20900)	21000(7600~30000)	24000(7600~30000)
	Input	W	634(80~1300)	1080(130~1550)	1433(160~1787)	1694 (420~3450)	2120(420~3450)
	Current	A	4.4(0.35~5.82)	4.7(0.6~6.9)	6.04(0.72~7.9)	7.56 (1.8~15)	9.21(1.8~15)
	EER	W/W	4.10	3.24	3.49	3.60	3.30
Heating	Capacity	Btu/h	10000(2800~12500)	13000(3640~14900)	18425(4600~23100)	22000(5300~32000)	25000(5300~32300)
	Input	W	674(70~1075)	1016(160~1400)	1440(230~1750)	1970(300~3150)	1970(300~3150)
	Current	A	4.45(0.32~4.76)	4.4(0.7~6.3)	6.26(1.1~7.6)	8.56(1.3~13.7)	8.56(1.3~13.7)
	COP	W/W	4.30	3.75	3.75	3.71	3.71
Cooling	Pdesignc	kW	2.6	3.5	5.0	6.1	7.0
	SEER	W/W	8.8	8.5	8.5	8.5	7.9
	Energy Efficiency Class		A+++	A+++	A+++	A+++	A++
Heating	Pdesignh	kW	2.6	3.1	4.4	5.0	5.0
	SCOP	W/W	6.0	6.0	5.7	5.1	5.1
	Energy Efficiency Class		A+++	A+++	A+++	A+++	A+++
	Tbiv	Deg. Cel.	2	2	2	2	2
	Tol	Deg. Cel.	-15	-15	-15	-15	-15
Rated Power Input		W	2200	2200	2800	3800	3800
Rated Current		A	10	10	13.5	19	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	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	46/39.5/32.5/21.5
Indoor sound Power level		dB(A)	56	57	58	59	60
Indoor unit	Dimension(W*D*H)	mm	723x199x286	813x201x289	975x218x308	1055x231x330	1055x231x330
	Packing (W*D*H)	mm	780x270x365	870x270x365	1065x300x385	1130x405x310	1130x405x310
	Net/Gross weight	kg	7.5/9.6	8/10.4	10.2/13.3	13/16.4	13/16.4
Outdoor air flow		m3/h	2200	2200	3500	3500	3500
Outdoor sound pressure level		dB(A)	54	55	57	60	60
Outdoor sound power level		dB(A)	62	63	65	68	68
Outdoor unit	Dimension(W*D*H)	mm	765x303x555	765x303x555	890x342x673	890x342x673	890x342x673
	Packing (W*D*H)	mm	887x337x610	887x337x610	995x398x740	995x398x740	995x398x740
	Net/Gross weight	kg	23.1/25.4	23.1/25.4	37.8/41.0	41.0/44.0	41.0/44.0
Refrigerant	Type		R32	R32	R32	R32	R32
	GWP		675	675	675	675	675
	Charged quantity	kg	0.55	0.58	0.85	1.08	1.08
Design pressure		MPa	4.3/1.7	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)	6.35mm(1/4in)/12.7mm(1/2in)
	Max. Refrigerant pipe length	m	25	25	30	50	50
	Max. difference in level	m	10	10	20	25	25
Room temperature	Indoor (cooling / heating)	Deg. Cel.	16 ~ 32/0 ~ 30	16 ~ 32/0 ~ 30	16 ~ 32/0 ~ 30	16 ~ 32/0 ~ 30	16 ~ 32/0 ~ 30
	Outdoor (cooling / heating)	Deg. Cel.	-15 ~ 50/-25 ~ 24	-15 ~ 50/-25 ~ 24	-15 ~ 50/-25 ~ 24	-15 ~ 50/-25 ~ 24	-15 ~ 50/-25 ~ 24



Midea Solstice Air Conditioner range are Eurovent Certified - A guarantee of quality.

Eurovent is an independent European body which certifies that the performance 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.



make yourself at home



<https://www.midea.mt>