

R32 INVERTER

Midea  
make yourself at home



airsti

R32 Inverter Wall Mounted Split

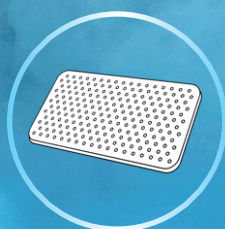






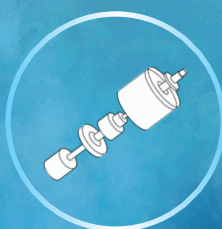
# The All-new airsti||| Cooling

For those who demand the real comfort



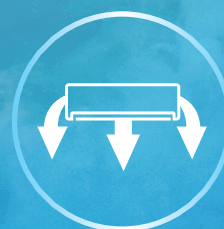
## Soft

World's 1<sup>st</sup> TwinFlap  
with 7,928 Mini-hole Matrix



## Speed

Cool Boost upon power-on  
within 6 seconds



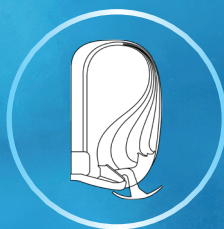
## Surround

360° even cooling from both  
S-winged side air-outlets



## Silence

21dB Ultra-Quiet Operation  
Better Life. Sweeter Dream.



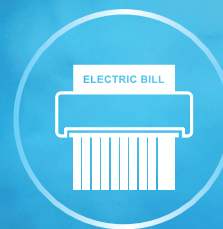
## Sense

Flexible Twin-flap Design  
Choosing from 3-mode sensitive  
care



## Smart

App-based Smart Functions



## Saving

Energy Saving Algorithm  
Control



# S O F T | All-New Air Dispersion Technology



## World's 1st **TwinFlap** with Mini-holes

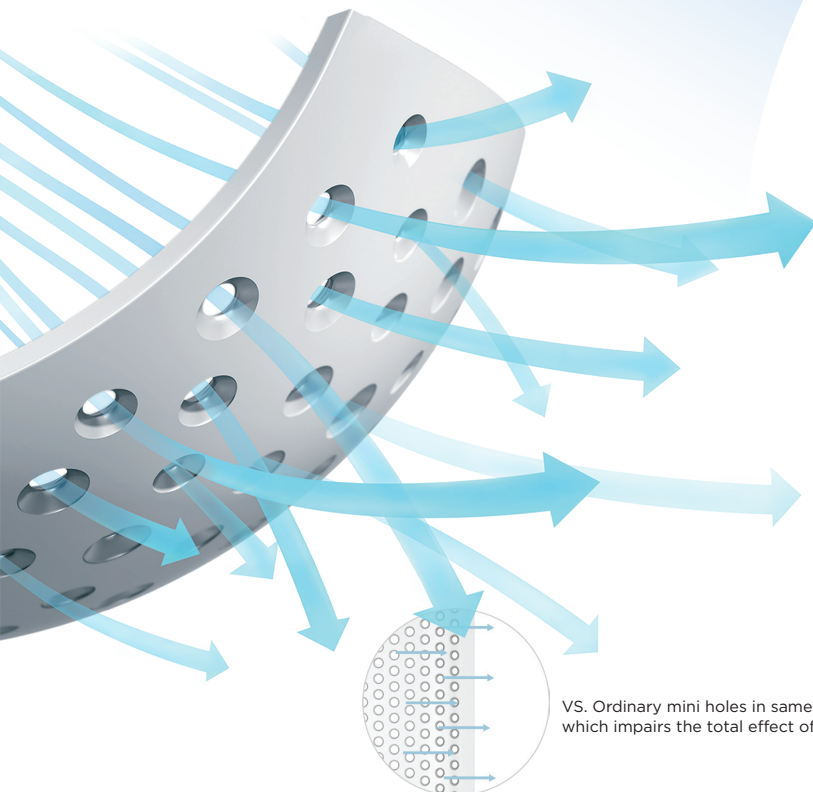
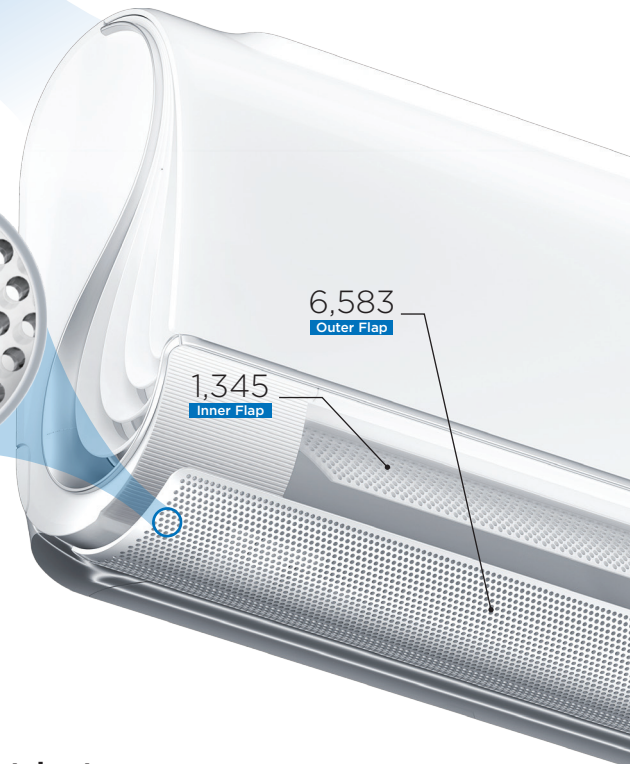
No more icy blasts of wind. With an outer and an inner flap. You can choose exactly how soft you want the wind to be. The double deflectors can evolutionarily deflect, bent, and scatter the cold airflow, offering multiple levels of softness of cooling.

## Mini-hole Matrix For Utmost Wind 'Elimination'

**1,345 + 6,583 = 7,928**

INNER FLAP      OUTER FLAP

All 7,928 micro-holes on the two deflector flaps are designed to turn the air current into thousands of tiny strings of cool air moving in all directions. The matrix softens the airflow to the point where you can barely feel it, leaving you purely the cool.



## Intricate **Hourglass Design**

The hourglass shaped structure of each mini hole disperses and mixes the cool air passing through the Twin-lap by pressurizing and then de-pressurizing it. Each micro-hole is in different sizes and directions, to ensure an even air dispersion effect and prevent water condensation on the deflectors



Hourglass-shaped cross-section



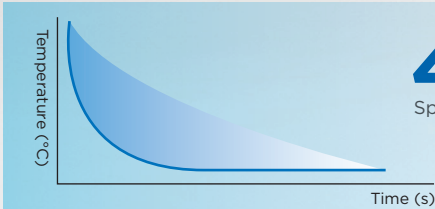
Air pressure and de-pressure

VS. Ordinary mini holes in same size and direction which impairs the total effect of SOFT cooling

# SPEED

## All-New Rapid Cooling

Cool your space in the Boost mode thanks to the high-speed fan and powerful compressor.



**40s**  
Speedy Cooling

**COOLING MODE:**  
Air-outlet temperature drops to 23°C in 40s



### Ultra-Wide-Angle Outlet Ultra-High-Speed Fan

With a 70mm-wide front outlet opening and a high speed cross flow fan wheel, the all new AirStill cools down your room in an unbelievable speed.

### High-Frequency Inverter Quattro™

Inspired by the speed and robustness of a race car engine, the inverter compressor applied in the Air Still goes from 0-65Hz in 6 seconds and maintains steady performance once it gets there. As the heart of the AirStill, the Inverter Quattro™ allows it to offer powerful cooling performance like never before.



# SURROUND

## All-New Airflow Distribution

3-Way Air Distributing; **360°** Cooling.  
Immersive. Even. Gentle.



### S-winged Design

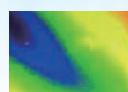
Thanks to the signature S-wing outlet design on the both sides, the cool air is able to enter your space not just from the front, but also from the left and right of the AC. Enjoy an immersive cooling experience in a still air environment.



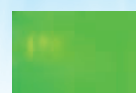
Tests show that **3** outlets perform better than 1

Conventional AC	airstill
Single air vent	3 air outlets in 3 directions ✓
Uneven warming/cooling	Consistent temperature room-wide ✓
Strong, direct airflow	No direct airflow, just cool ✓

Conventional AC



airstill





# Silence

**21 dB**  
**Ultra-Quiet Operation**



## Better life. Sweeter dreams.

The all-new aerodynamic design of the air duct and fan lets cool air pass through smoothly with minimal friction, resulting in operating noise as low as 21 dB. That's as much noise as a growing flower makes. With AirStill, stay cool, calm, and serene deep into the night.

21 dB(A)



As quiet as  
growing flower

40 dB(A)



Library  
ambience

60 dB(A)



Moving  
car

80 dB(A)



Speeding  
train

# Sense

**Flexible Deflectors**  
**Manipulation Design**



Collaborative adjustment of the AirStill's TwinFlap creates flexible, sensitive cooling that adapts to your needs.

Select from airflow modes between gentle and very gentle with the changing, angled double deflectors for yourself and each member of your family. You can enjoy the cool in a still air environment with no harsh direct wind.



Wind Away



Wind Mild



Airstill

# Smart

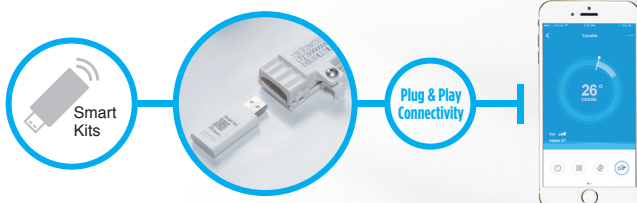
**Versatile**  
**App-based Smart Functions**

## Control Your AC, Anytime and Anywhere

### WIFI Control (Optional)

Wherever you are, you can keep your home comfortable using the Smart MideaAIR 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.



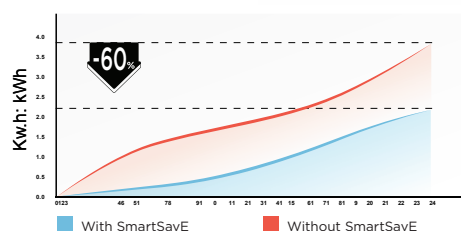


## Smart Save ieco Mode

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

### Precise-Control Algorithm

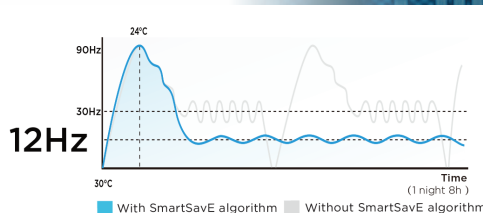
Midea's Innovative SmartSave mode uses the Alpha Energy Chip's 4th SmartSave Precise-control Inverter Deduction Algorithm, which enables the chip to do more precise signal receiving, accurate data processing, anticipating and prompt instructions sending to the compressor. This helps the inverter compressor to work more efficiently to save energy while ensuring you're comfortable and cool.



Just click the SmartSave ieco button to activate the mode: your AC can keep you cool over an **8-hour** night period, saving up to 60% energy. \*



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

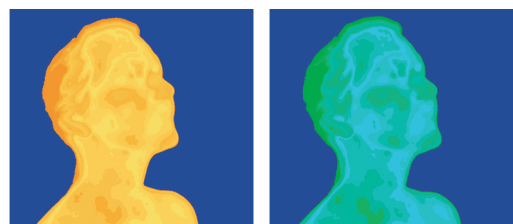


The Inverter Quattro™ supports continuous compressor operation at ultra-low speed of **12Hz**. Thanks to the SmartSave precise-control algorithm, ultra-stable frequency is achieved with minor vibration which decreased by up to **16 times**.



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

## Health



Temp.: 25° Humidity: 80% Temp.: 25° Humidity: 50%

### 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 as your room as you like (30-90%) through the MideaAIR app.

## Cold Catalyst Filter Dual Filtration Technology

Cold Catalyst filtration system thoroughly eliminates harmful substances and decomposes a variety of harmful gases, 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.

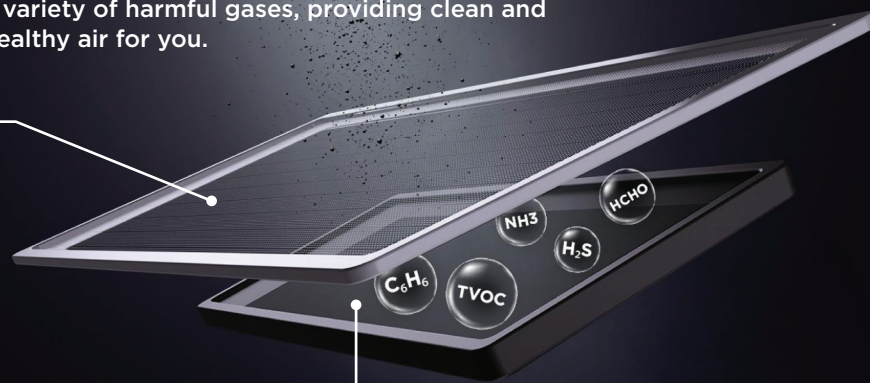
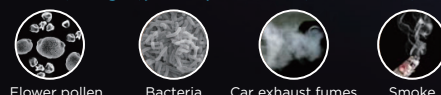
Dust



### 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)

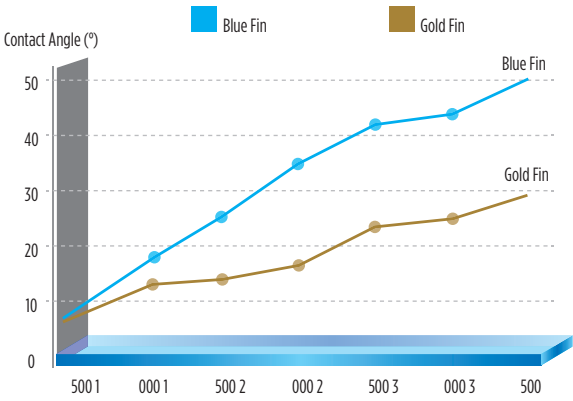
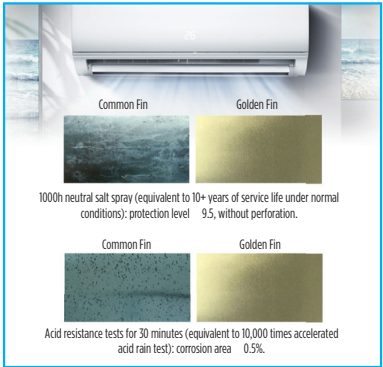
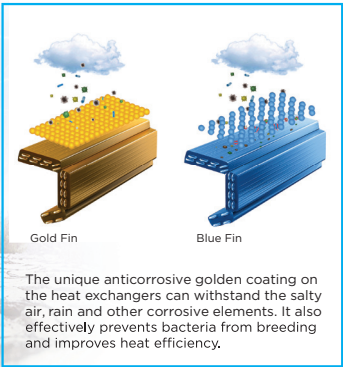




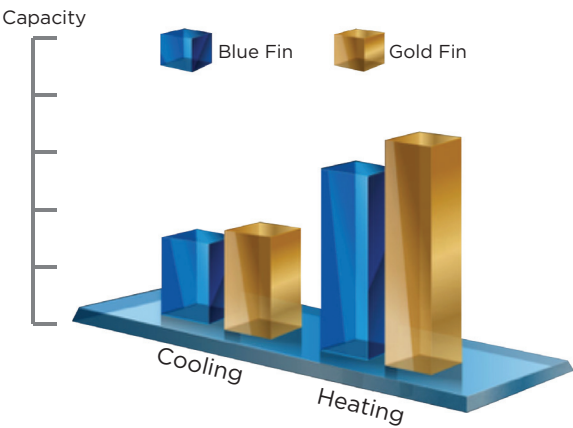
# Reliable And Durable

## Golden Fin

The golden finned hydrophilic coil efficiently prevents bacteria from breeding and spreading, creating a healthy and comfortable environment. It can also improve 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  $\theta \leq 30^\circ$ ).

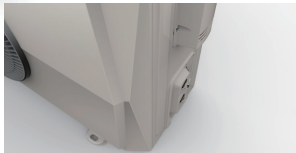


After one year of operation, the prototype with golden coating shows better performance in all working conditions than the prototype with blue coated foil.



## Diamond-Cut Outdoor Unit

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





## Features



Soft



Speed



Surround



ECO Mode



Gear Shift



Airstill



Cold Catalyst Filter



High Density Filter



ThermoStatic Technology



Self-cleaning



Diamond Cabinet



Do Not Disturb



Low Noise



Long Distance windblast



3D Airflow



1W Standby



Smart Control (Optional)





1-100% Fan Speed Control (by Apps)



Humidity Control (by Apps)



## airsti Specifications

Model	Indoor		MSFAAU-09CRFN8	
	Outdoor		MSFAAU-12CRFN8	
Cooling Capacity	Rated (Min~Max)	Btu/h	9,000(2,900~11,200)	12,000(4,500~14,900)
Power consumption	Rated (Min~Max)	W	643(100~1,150)	857(130~1,700)
Running current	Rated (Min~Max)	A	2.8(0.4~5.0)	3.72(0.6~7.4)
CSPF(Cooling seasonal performance factor)		Wh/Wh	6.53	6.02
Energy Efficiency Star Rating				
Power supply		V,Hz,Ph	220-240V~,50Hz,1Ph (power supply to outdoor )	
Indoor unit	Indoor air flow (H)	m3/h(cfm)	610 (359)	640 (376)
	Indoor Sound level (Hi/Mi/L0/Si)	dB(A)	38.0/35.0/20.5/19	38.5/35.5/21.0/20.5
	Dimension(W*D*H)	mm	940x193x325	940x193x325
	Packing (W*D*H)	mm	1055x385x290	1055x385x290
	Net/Gross weight	Kg	10.7/13.8	10.7/13.8
Outdoor unit	Outdoor Sound level	dB(A)	55	56
	Dimension(W*D*H)	mm	800x333x554	800x333x554
	Packing (W*D*H)	mm	920x390x615	920x390x615
	Net/Gross weight	Kg	29.3/32.1	29.3/32.1
	Refrigerant Charge	g	R32/650g	R32/690g
	Design pressure	MPa	4.3/1.7	4.3/1.7
Refrigerant piping	Liquid side/ Gas side	mm(inch)	ø6.35/ø9.52(1/4"/3/8")	ø6.35/ø9.52(1/4"/3/8")
	Max. refrigerant pipe length	m	25	25
	Max. difference in level	m	10	10
Indoor-Outdoor connection wiring (Not included)			5x1.5 mm <sup>2</sup>	5x1.5 mm <sup>2</sup>
Power supply wiring (Not included wire)			3x1.5 mm <sup>2</sup>	3x1.5 mm <sup>2</sup>
Thermostat type			Wireless Remote Control (Wifi,Wire control optional)	

### Remark:

1. The above design and specifications are subject to change of product improvement without prior notice.
2. The noise level data reflects the level in anechoic chamber.
3. All units are being tested and comply to ISO 5151, ISO 16358-1.

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- **JOHOR** No. 25, Jalan Seri Impian 1, Taman Impian Emas, 81300 Skudai, Johor. Tel: 07-562 4898 Fax: 07-557 7898
- **PERAK** No. 38, Persiaran Perindustrian Pengkalan 10, Kawasan Perindustrian Pengkalan, 31500 Lahat, Perak. Tel: 05-323 2529 Fax: 05-323 2529
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Dealer's Stamp:



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