

AI ECOMASTER

Master AI Saving, Better Comfort Cooling

Real AI master control based on giga-scale big data. Balancing energy-saving and comfort needs.



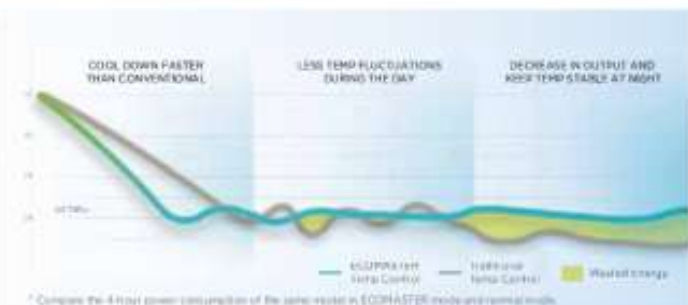
Master Giga Data



Master Precise Control



Master Comfort Saving



Cool Flash

5°C
in 10 mins*
from 35°C to 31°C

Air Volume
665M³/h

Air Distance**
8.1M

The latest generation of COOLFLASH achieves faster cooling speed, stronger air circulation, larger swing angle, and further airflow distance through dual upgrades of hardware and software. With one press of the COOLFLASH button, the room can be quickly cooled down to the desired temperature, immersing you in an evenly cool room.

* Tested by Midea Lab for 10-minute cooling. The room temp of 134P Cool-AC dropped by 5°C, with an initial room temp of 35°C, and the outdoor temp is 42°C, 50% RH.

** Based on the 134P Cool-AC in CoolFlash mode by Midea Lab. The airflow distance reflects the actual speed of the air flow (3.0m/s).



Power Cooling Beats the Heat

Even at high temperatures of up to 55°C, Midea inverter still operates effectively, beating heat and providing optimal cooling to the room.



I - Clean Reclean the AC, Refresh your breath.

Midea Inverter AC has been upgraded from water washing (20 mins) to frost cleaning (42 mins), which can remove more dust and bacteria, keeping the AC clean and performing well.



Prime Guard

TU1 Corrosion-Resistance Copper Tube

70% less impurities than ordinary tubes.

Compared with the ordinary tubes, TU1 reduces the impurity content, and its corrosion resistance and thermal conductivity are improved.

TP2

More Impurities & Less Consistency

VS

TU1

Fewer Impurities & Better Consistency



Built to Last

Prime technologies in reliability and durability Guard comfort cool.

Silver Shield Anti-corrosive Coating

The left side of the evaporator are coated with "environmentally friendly polymer coating & technological baking method" to prevent the copper pipe from being polluted and corroded by air pollutants, making it more secure and durable.

<0.1% vs **>50%**

Anti-corrosive Coated Pipe

Ordinary Pipe



Verified by **Intertek** Dependent on the using industrial environment with salt contamination (Ref: ISO 22017:2015 Annex A test method 5.10 2.2.07.2015 Annex JCI)

Wide Voltage Operation

Thanks to Ultra Electronic Control System, Midea's Inverter can work stably in 80V-265V*. Whether it is the peak of urban electricity consumption or the shortage of power supply in remote areas, it can always work consistently and smoothly.

CONVENTIONAL 184V 265V

MIDEA 80V 265V



* The voltage operation range of SP1 is 80-265V, SP2 is 80-265V and SP3 and above is 100-265V

Reliable PCB with UV Conformal Coating

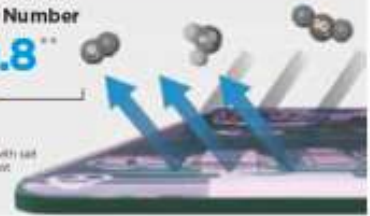
Curing using UV light, Greener and with 2x Thicker and Higher Density Protection

Corrosion Area **<0.02%** Rating Number **9.8**

Verified by **Intertek**

* Dependent on the using industrial environment with salt contamination (Ref: ISO 22017:2015 Annex A test method 5.10 2.2.07.2015 Annex JCI)

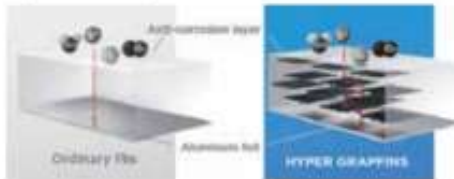
** The full rating number is 10



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.



Verified by **Intertek**

* The judgment standard of corrosion resistance is based on comparing the maximum corrosion area ratio of the rating number in ISO 22017:2015. Compared samples are Midea fins, Midea blue coated fins in HD2002-1HW330. Midea HYPER GRAPFINS in HD2002-1HW330B

AUTO DEDUSTING



When the AC is turned off, the fan blade of the outdoor unit will automatically rotate in reverse to get rid of the accumulated sand and dust, ensuring the AC is clean and operates well in any environment.

Easy To Maintain

Quick and Easy to Pull-out PCB

The Easier Solution for PCB Replacement

Maintenance efficiency increased by **32%**

5 steps



Pull-out Fan Motor

The Easier Solution for Fan Motor Replacement

Maintenance efficiency increased by **72%**

4 steps



FEATURES



APPEARANCE



Indoor Unit



Remote Control

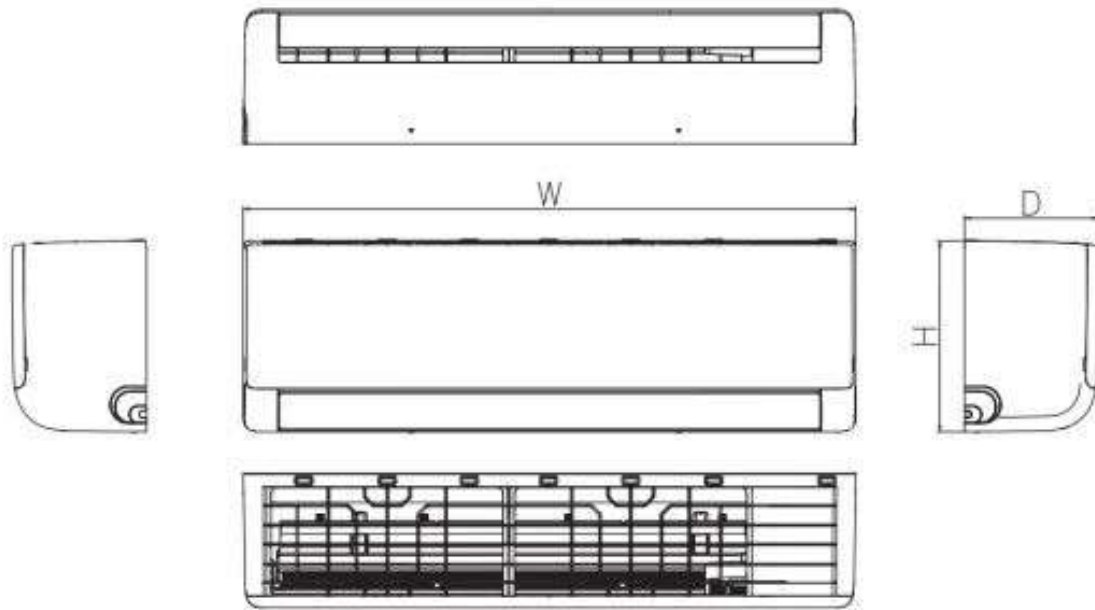


Outdoor Unit

SPECIFICATIONS

Model	Indoor		MSCE-10CRFN8-ID	MSCE-13CRFN8-ID	MSCE-19CRFN8-ID	MSCE-25CRFN8-ID
	Outdoor		MSCE-10CRFN8-OD	MSCE-13CRFN8-OD	MSCE-19CRFN8-OD	MSCE-25CRFN8-OD
Cooling Capacity	Rated (Min-Max)	Btu/h	10,000 (1,250-11,109)	12,000 (3,900-12,500)	18,000 (6,900-18,500)	24,000 (9,600-25,500)
Power consumption	Rated (Min-Max)	W	890(135-1,080)	1,250(150-1,250)	1,758(190-1,850)	2,512(790-2,750)
Running current	Rated (Min-Max)	A	3.87(1.01-4.7)	5.09(1.6-5.45)	7.64(1.48-8.7)	10.92(3.95-11.95)
CSPF(Cooling seasonal performance factor)		Wh/Wh	4.99	4.88	5.30	4.95
Energy Efficiency Star Rating						
Power supply		V,Hz,Ph	220-240V~50Hz,1Ph ((power supply to indoor))			
Indoor unit	Indoor air flow (H)	m ³ /h(cfm)	600 (353)	630 (370)	895 (526)	1112(654)
	Indoor Sound level (H/M/L)	dB(A)	39.5/34.5/31.5	39.5/34.5/31.5	44.5/37/34.5	47/40/36.5
	Dimension(W*D*H)	mm	813x201x289	813x201x289	975x218x308	1055x231x330
	Packing (W*D*H)	mm	870x270x365	870x270x365	1035x295x385	1130x405x310
	Net/Gross weight	Kg	7.8/9.8	7.8/9.8	10.1/13.2	12.1/15.8
Outdoor unit	Outdoor Sound level	dB(A)	52	55	56	59
	Dimension(W*D*H)	mm	668x252x469	668x252x469	765x303x555	805x330x554
	Packing (W*D*H)	mm	765x270x515	765x270x515	887x337x670	915x370x615
	Net/Gross weight	Kg	17.0/18.6	17.0/18.5	24.2/26.9	29.9/32.5
	Refrigerant Charge	g	R32/360g	R32/420g	R32/650g	R32/830g
	Design pressure	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)	φ6.35/φ9.52(1/4"/3/8")	φ6.35/φ9.52(1/4"/3/8")	φ6.35/φ12.7(1/4"/1/2")	φ6.35/φ12.7(1/4"/1/2")
	Max. refrigerant pipe length	m	25	25	30	50
	Max. difference in level	m	10	10	20	25
Indoor-Outdoor connection wiring (Not included)			4x1.5 mm ²	4x1.5 mm ²	4x2.5 mm ²	4x2.5 mm ²
Power supply wiring (Not included)			3x1.5 mm ²	3x1.5 mm ²	3x2.5 mm ²	3x2.5 mm ²
Thermostat type			Wireless Remote Control (Wired control optional)			

INDOOR UNIT DIMENSION



CELEST INDOOR DIMENSION			
Model	W (mm)	D(mm)	H(mm)
MSCE-10CRFN8	813	201	289
MSCE-13CRFN8	813	201	289
MSCE-19CRFN8	975	218	308
MSCE-25CRFN8	1055	231	330

OUTDOOR UNIT DIMENSION

MSCE-10CRFN8-OD & MSCE-13CRFN8-OD

