



RESIDENTIAL AIR CONDITIONER

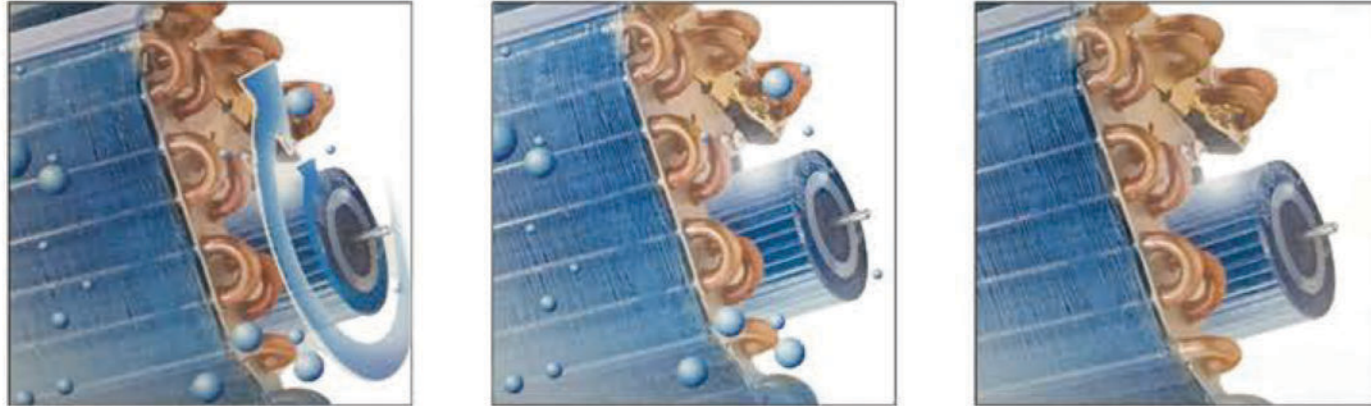
 **smart** AIR CONDITIONER
RAPID HEATING/COOLING

**PROVIDES EXTREME SILENCE
AND COMFORT FOR THE USER**

More Comfortable & Healthy

Auto Clean

The cross fan continuously blows to dry the inner side of the indoor unit when the unit is turned off to keep it clean and healthy.



Dual Side Installation

Left or right side water outlet, easy for installation.



Mothproof and dustproof electric box of outdoor unit

Electric box of outdoor unit is mothproof and dustproof, which is more reliable for outdoor operation.

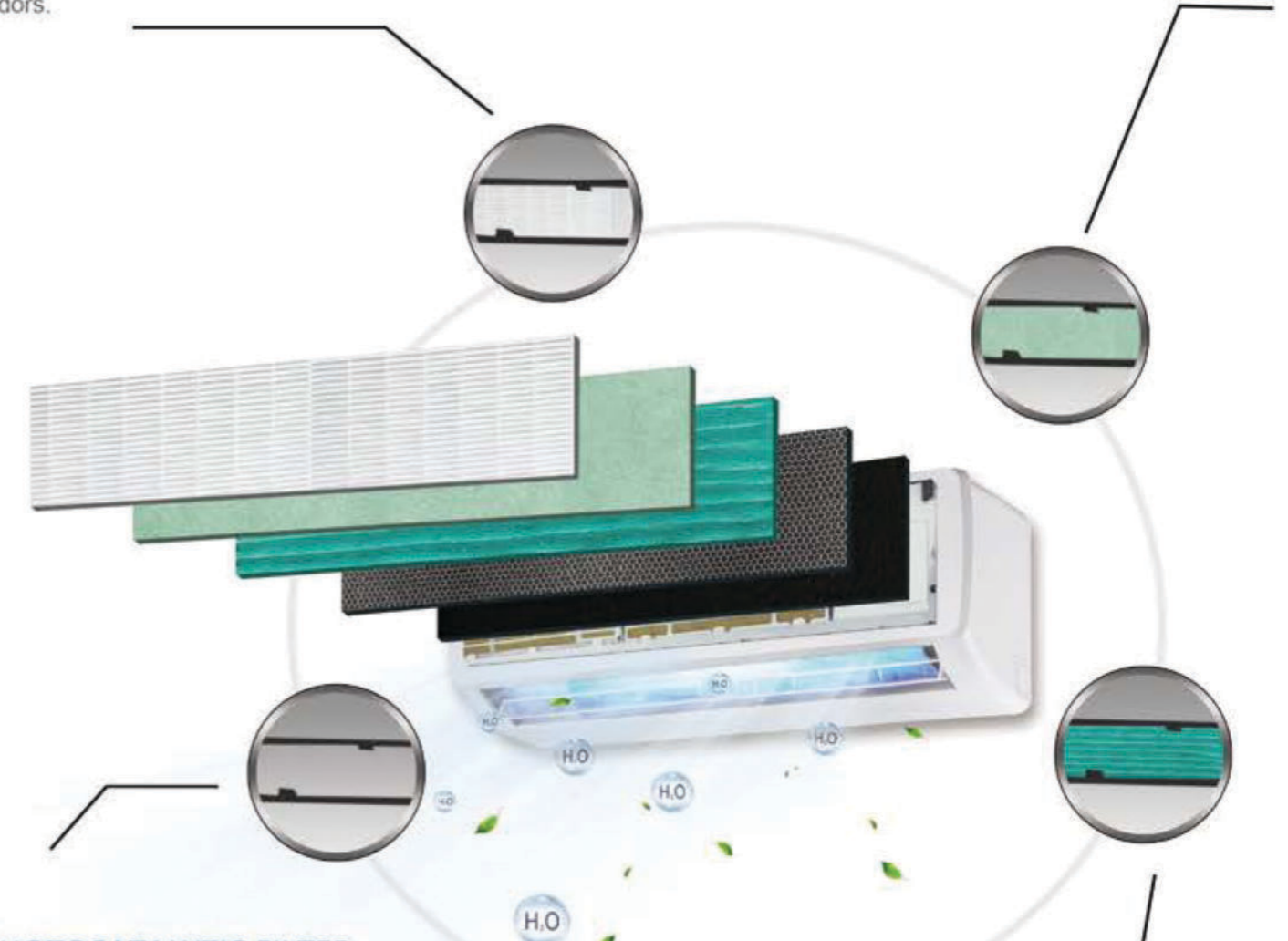


SILVER ION FILTER

Silver ion is able to sterilize 99% of bacteria by suppressing proliferation of mold and bacteria and preventing the causes of unpleasant odors.

CATECHIN FILTER

Catechin is extracted from green tea. It can effectively eliminate 95% of carcinogenic agents, such as staphylococcus, streptococcus, salmonella, etc.



PHOTOCATALYTIC FILTER

This filter is able to completely oxidize and degrade organic contaminants. It can effectively eliminate 99.9% of bacteria, viruses, and unpleasant smells.

ACTIVE CARBON FILTER

Active carbon can effectively adsorb smoke, pet odors, and other unpleasant odors.

MULTI-FUNCTION FILTER

Combine 3 filters from 6 different types including acarobacterium filter, silver ion filter, catechin filter, chitin filter, formaldehyde beater filter, and vitamin C filter to meet your various needs simultaneously.

Smart Air Flow



In cooling mode, the angle of vent is upward to avoid the direct wind to users' head.

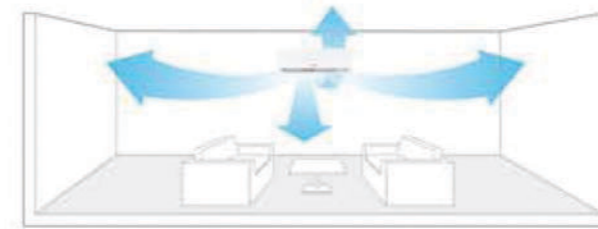


In heating mode, the angle of vent is downward to ensure that the warm wind blow to users' feet.

4D Air Flow (optional)

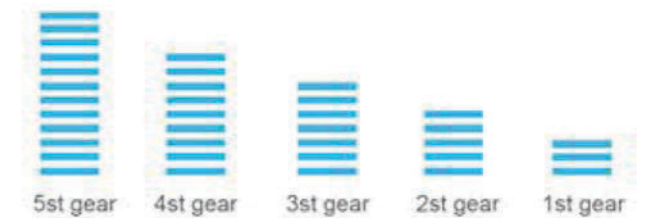
Helps to Improve air distribution and flow, makes you feel more comfortable.

4-way swing disperses cool air quickly and effectively in multiple directions to each corner of the room.



5-Fan Speed

Mute/Low/Middle/High/Super. The function meets various demands for wind speed.



Low Noise (lowest)

The noise of air conditioner can reach to 18dB.



Super Function



With this function, the air conditioner will maximize the output of cooling or heating capacity.

- Fast cooling around 30s.
- Powerful heating within 1 min.

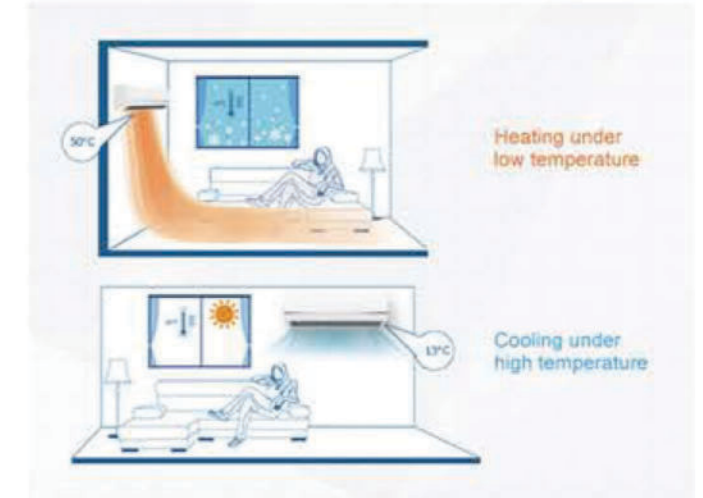
Global Power Supply Design(optional)



The design meets different kinds of globalized power supplies and sockets.

Two-stage Compressor

Two-stage compressor can heat normally and cool normally under extreme temperature without increasing power consumption. Air outlet temperature can reach 50°C in ambient temperature -20°C and 13°C in ambient temperature 50 respectively.



Anti-Rust Tripe Layer Proection

Our solid casing and T-shaped top cover work together to keep rain and sand away from the unit and ensure stable operation of interior components.

Golden Fin(optional)

Our Golden Fin is more resistant to oxidation and corrosion than ordinary blue fins of most condensers. It also prevents bacteria from breeding and is able to enhance heat efficiency.



Technical Specification For Eco Inverter Type With Wifi

Model			12K	18K	24K
Type			cooling & heating	cooling & heating	cooling & heating
Control type			remote	remote	remote
Power supply			220V~/50Hz/1P	220V~/50Hz/1P	220V~/50Hz/1P
Rated cooling capacity		Btu/h	12000 (3200~12600)	18000(5000-19500)	24000 (5100~26000)
Rated Heating capacity		Btu/h	12000 (3200~13600)	18000(5000-22000)	24500 (5100~26500)
Rated current	Cooling	A	6.6(1.3~7.3)	8.8(2.3~9.6)	12.3(2.3~15.4)
	Heating	A	6.7(1.3~7.7)	8.6(2.3~10.8)	12.7(2.3~15.8)
Rated input	Cooling	W	1450(290~1550)	1760(500-2100)	2750(500-3450)
	Heating	W	1480(290~1650)	1730(500-2350)	2850(500-3550)
Indoor noise level at cooling			High	dB(A)	40
Outdoor noise level				dB(A)	52
Connecting Pipe	Gas	Inches	3/8"	1/2"	1/2"
	Liquid	Inches	1/4"	1/4"	1/4"
Connecting Wiring	Size x Core number		4×1.5MM ²	4×1.5MM ²	4×1.5MM ²
Suitable area		m ²	17-25	20-30	28-40
Net dimensions (W x H x D)	Indoor	mm	786×255×199	922×295×217	1026×319×229
	Outdoor	mm	700×287×545	780×329×602	907×348×652
Net weight	Indoor	kg	8	9.5	12
	Outdoor	kg	22	27.5	43
Packing dimensions (W x H x D)	Indoor	mm	860×322×267	974×361×277	1085×383×297
	Outdoor	mm	796×357×592	888×416×672	1022×431×747
Gross weight	Indoor	kg	10	13.5	16
	Outdoor	kg	25	31.5	49
Loading Capacity	40'/40'HC		280	189	147
Motor Rotating Speed RPM	Cooling	RPM	1200	1280	1280
	heating	RPM	1150	1250	1250
Indoor air circulation/Hi	m ³ /h		580	800	1000
Tube Type			Triangular inner groove	Triangular inner groove	Triangular inner groove
Tube Diameter OD mm	mm		7	7	7
Compressor Brand			RECHI	RECHI	GMCC
Compressor Model			INVERTER	INVERTER	INVERTER
Tube Type			Triangular inner groove	Triangular inner groove	Triangular inner groove
Tube Diameter OD mm	mm		7	7	7
Controlling Refrigerant			R410A/650g	R410A/1100g	R410A/1600g

Remarks: The above design and specifications are subject to change without prior notice for product improvement.

Technical Specification For Eco Type (On/Off) With Wifi

Item		Product	12K	18K	24K	
		Model No.	KAC-12GHA-P101	KAC-18GHA-P101	KAC-24GHA-P100	
		Cool/Heat	Heat Pump	Heat Pump	Heat Pump	
		Climate	T1	T1	T1	
		Power	220-240V/50HZ/1P	220-240V/50HZ/1P	230V/50HZ/1P	
General	Cooling	Rated Capacity	Btu/h	12000	18000	24000
		Power Input	W	1170	1840	2260
		Rated Current	A	5.22	8.21	10.08
		Rated EER	W/W	2.65	2.66	2.7
	Heating	Rated Capacity	Btu/h	12000	18000	24000
		Power Input	W	1200	1780	2121
		Rated Current	A	5.35	7.94	9.46
		Rated EER	W/W	2.68	2.7	3
	Max Input Consumption		W	1800	2550	2900
	Max current		A	8.75	13.55	16.5
	Refrigerant Type/ Charge		g	R410A	R410A	R410A
	Air Flow Volume (Hi/Mi/Lo)		m ³ /h	580	760	780
Indoor Noise level (Hi/Mi/Lo)		dB(A)	43	46	49	
Outdoor Noise level		dB(A)	52	55	58	
Function	Refrigerant piping Size	Material Type		Copper	Copper	Copper
		Liquid Pipe	φmm (inch)	φ6	φ6	φ6
		Gas Pipe	φmm (inch)	φ9	φ12	φ12
		Max. refrigerant pipe length	m	15	15	15
		Max. difference in height	m	5	5	5
	Power Cord length			1.5m	1.5m	2m
	Plug type			European Plug	European Plug	European Plug
	Thermostat type			Remote	Remote	Remote
	Operation temperature		°C	16~31	16~31	16~31
	Room temperature	Outdoor(cooling/ heating)	°C	-5 ~ 45/----	-5 ~ 45/----	-5 ~ 45/----
		Indoor(cooling/heating)	°C	16 ~ 31/----	16 ~ 31/----	16 ~ 31/----
	Application area (Cooling Standard)		m2	12-20	18-28	28-40
Features	Display on Front Panel			Hidden	Hidden	Hidden
	LCD Wireless Remote Controller			Yes	Yes	Yes
	Removable and washable Panel			Yes	Yes	Yes
	24 Hours Timer			Yes	Yes	Yes
	3 Speed and Auto Indoor Fan Control			Yes	Yes	Yes
	Vertical Auto Swing Louver			Yes	Yes	Yes
	Horizontal Auto Swing Louver			Yes	Yes	Yes
	Sleep Operation			Yes	Yes	Yes
	Auto Restart			Yes	Yes	Yes
	Golden Fins			Yes	Yes	Yes
Others	Unit Dimensions WxHxD	Indoor Unit	mm	786×255×199	922×295×217	922×295×217
		Outdoor Unit	mm	700×287×545	760×287×545	907×348×652
	Packing Dimensions WxHxD	Indoor Unit	mm	860×322×267	974×361×277	974×361×277
		Outdoor Unit	mm	796×357×592	868×357×591	1022×431×747
	Net Weight	Indoor Unit	kg	8	9.5	9.5
		Outdoor Unit	kg	25.5	32	47
Gross Weight	Indoor Unit	kg	10	13	13.5	
	Outdoor Unit	kg	29	36	52	

Remarks: The above design and specifications are subject to change without prior notice for product improvement.