

+cold



DX Air conditioning Unit

Quality Control System

+cold strictly controls the quality of the products, raw materials, production process and finished products. More than 200 quality control process to ensure the quality stability of the product.



Production
Quality Control



Raw Material
Quality Control

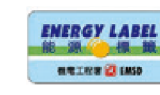


New Product
Quality Control



Finished Product
Quality Inspection

+cold products have received TMP and WTDP certification from institutions including UL, TUV, SGS and Intertek, covering 21 international standards and 108 test items.



ISO14001 2004
OHSAS18001 2007

ISO9001 2008
QC080000 2012

+ Smarter

With the unique cloud service center in the industry, the Smart King series product massively aggregates intelligent control models and online expert optimization systems, integrates the intelligent cloud technologies, realizes a revolutionary breakthrough in air-conditioning intelligent technology, and initiates an era of intelligent variable-frequency cloud air conditioners.

5 Core Functions

- 

Cloud Control
Controlling the A/C via a remote control, gesture, mobile phone, tablet PC or computer etc. at any time and any place.
- 

Cloud Customization
The temperature of the air conditioner at any time can be customized to ensure the old people's and children's good sleep.
- 

Cloud Adaptability
Accurately capturing actual temperature and humidity of the environment, adjusting the operating modes of the air conditioner intelligently.
- 

Cloud Diagnosis
Collecting operating parameters for A/C in real time, ensuring the best performance of the A/C at any time.
- 

Cloud Upgrade
Continuous upgrading of the system to achieve continuous updating and expansion of A/C functions.

Gesture control

The "intelligent eye" of the air conditioner can easily recognize different gestures such as fist punching, palm opening or moving up and down and complete the switching operation and temperature adjustment.



Intelligent air supply

With infrared sensing technology, it can automatically identify the human body temperature, and "adjust wind directions according to the human position" as required by the different cooling and heating needs.



Anti-theft monitoring

You can view your home situation at any time with your mobile APP. After the security function is enabled, if someone breaks in, the "smart eye" camera will instantly push the instant message to the user's mobile phone through the cloud air conditioner APP, which is safer and more convenient.

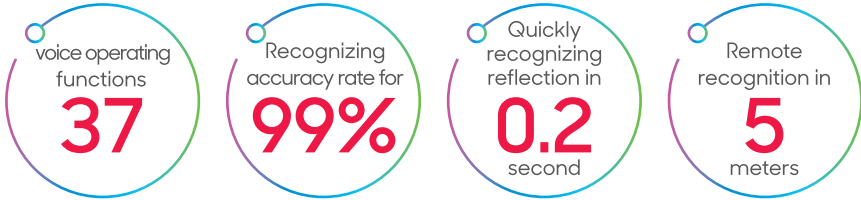


+ Intelligent voice interaction

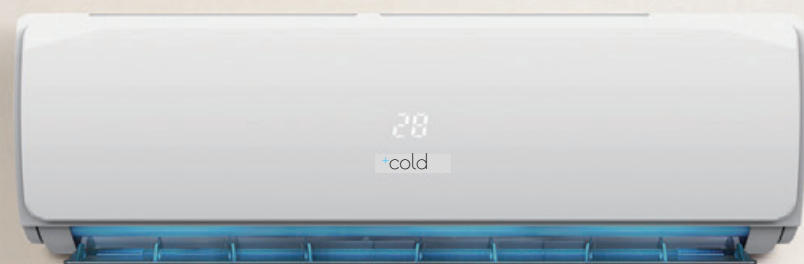
Through voice interaction with an air conditioner, users can realize intelligent operation including switching the air conditioner and adjusting the temperature. **PS:** All languages command words are supported.



Accurate voice recognition system:



+ WIFI control



Connect the air conditioner through WIFI and remotely control the air conditioner with the smart devices such as mobile phone at anytime and any place.



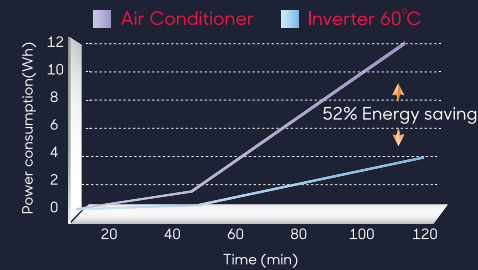
+ Voice control



+ More energy-efficient

3D DC inverter, high efficiency and energy saving

By combining the high-efficiency DC inverter compressor and indoor/outdoor DC motor with the full DC control system, comprehensively enhance the air conditioning performance and ensure the real-time adjustment of the motor speed and refrigerant flow according to the changing environment, making the A/C run in the most energy-saving situation with maximum cooling/heating efficiency.



Indoor DC motor

The DC motor driven by the permanent magnetic field ensures energy efficiency and achieves ultra-quiet operation.

Outdoor DC motor

High-efficiency outdoor DC motor ensures better energy efficiency and reliable operation of the unit.

DC inverter compressor

Reliable operation, strong power, high efficiency and energy saving.

ECO Mode

With ECO function, the air-conditioner can ensure the refrigeration in low frequency to realize low electricity consumption. The wall-mounted air conditioner saves 30% of electricity, while the cabinet-type air conditioner saves 20%.



+ More environment-friendly

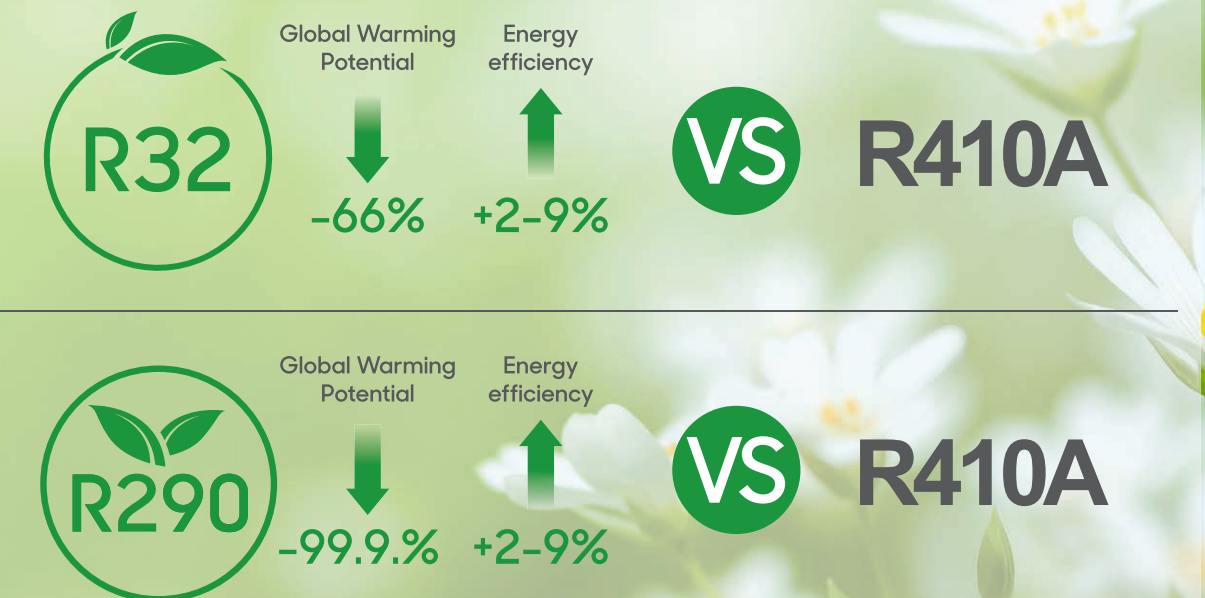
R32, R290 environmental refrigerant

The internationally recognized environmental refrigerants are adopted to meet international environmental safety and energy efficiency standards.

Energy saving

The ozone depletion potential (ODP) is zero, which will not cause damage to the earth's ozone layer.

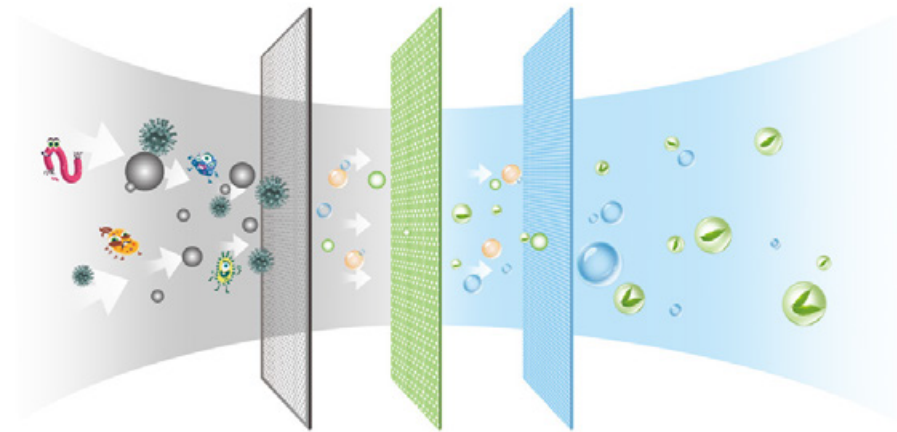
Compared with R410a refrigerant



+ More Healthy

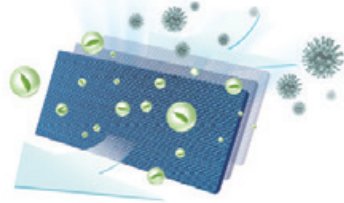
High-density filter

Compared with ordinary dust filter, high-density filter can effectively to remove the dust and pollutants.



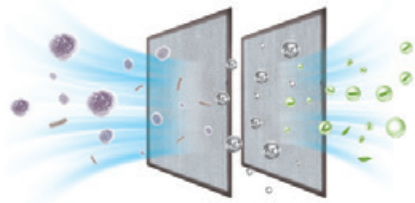
Cold Catalyst Filtration

Eliminates volatile organic compounds such as formaldehyde and harmful gases and odors.



Silver ion antibacterial screen

Releases metal ions with antibacterial properties, and the antibacterial rate against staphylococcus aureus and escherichia coli can reach 99.97%.



Mildew-proof operation

After the air conditioner is turned off, the indoor fan continues to operate in a low wind status, and the moisture inside the air conditioner is removed to prevent mildew inside it and avoid the odor at the startup.

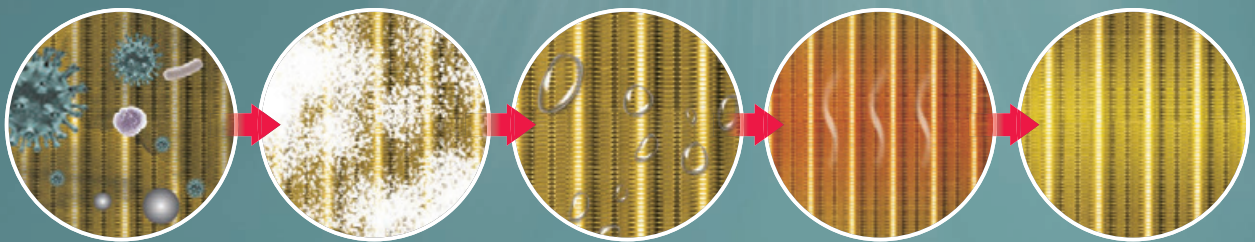
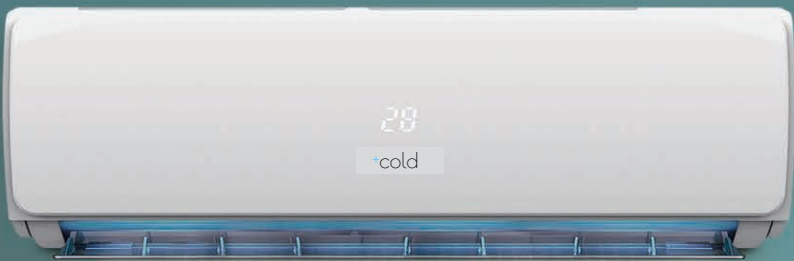
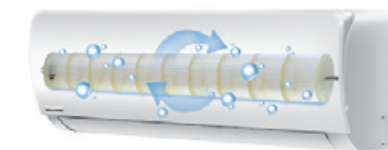
Negative ions

Releases negative ions, eliminate odor, dust and smoke, and bring you fresh and healthy air.



Vitamin C filter

It can effectively inhibit the growth of bacteria, making the air cleaner and fresher.



Stain

Frost

Defrost

Kill bacteria at high temperature

Cleanliness

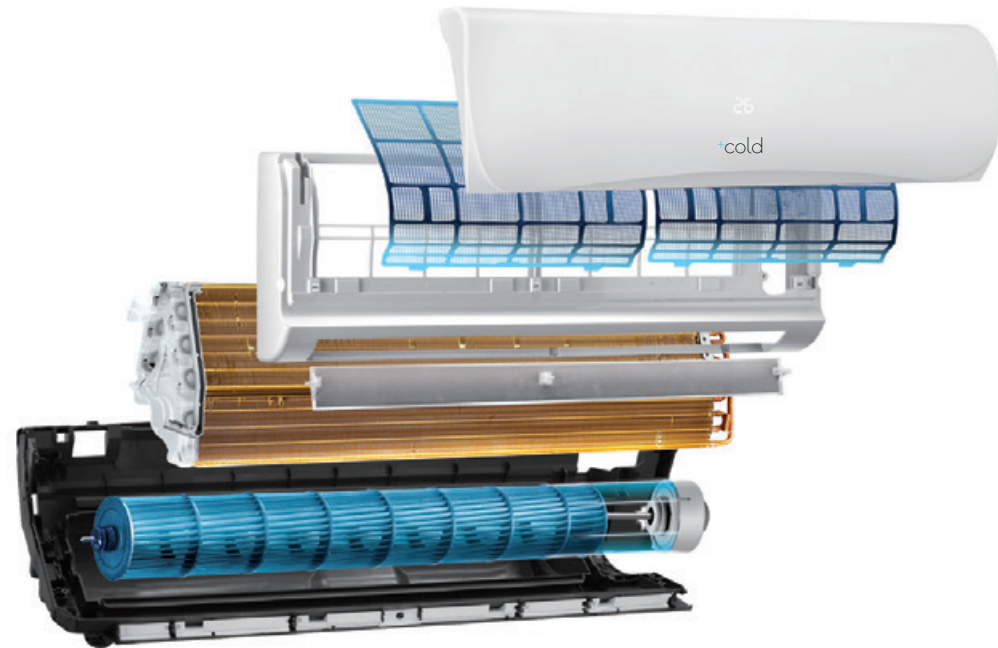
Clean and healthy with one click

Self-cleaning, the rapid cooling makes the evaporator frost, the cold expansion produced by the frost makes the dust and stains on the surface of the fins loosen and peel, and then, the condensate produced by the rapid defrost takes away the dust and stains on the surface of the evaporator, which will be dried at high temperature, the maximum temperature rises to above 56°C, which can kill harmful bacteria and viruses, and achieve the effect of dust removal, sterilization, mold prevention, dryness and cleanliness.

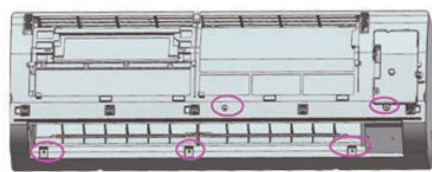


+Easier

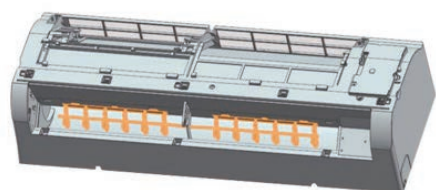
Easier assembly and optimized process, which ensures simpler installation and maintenance , saving your time.



providing more positions for fixing the middle frame to ensure better anti-falling performance and prevent damage caused by accidental fall during handling.



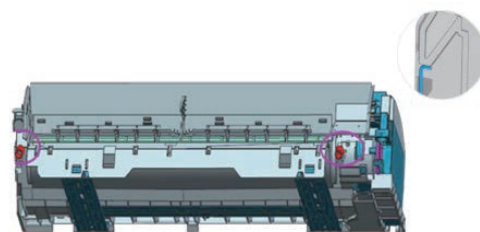
The integrated installation of blades ensures high efficiency.



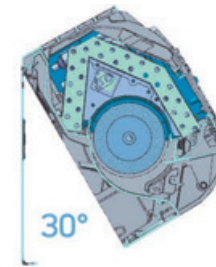
The integrated design of the base and the middle frame ensures more reasonable and accurate structure as well as simpler and easier disassembly and assembly.



The two-sided water outlet design ensures flexible and convenient operation during installation.



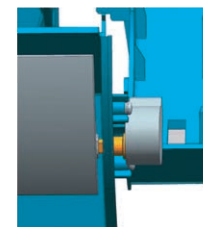
The wall panel and the body are inclined at an angle of 30°, which is convenient for pipe connection during installation.



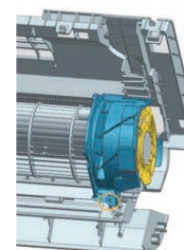
The integrated structural design by combining the air-out body and the base makes the assembly simpler and faster, and fundamentally eliminates the problem of water leakage.



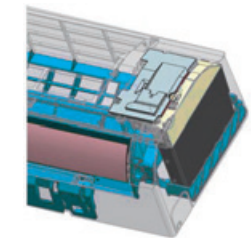
The air deflector and the motor shaft are connected by a plastic rotating shaft to prevent the user from touching the shaft (the hidden danger of electric shock) and ensure better safety.



The motor cover is fixed by only one screw, which is easy to assemble and disassemble.



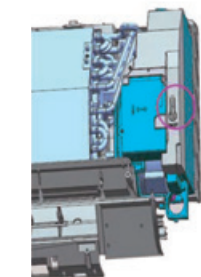
With the new structure, the electrical box assembly can be removed by opening the middle frame.



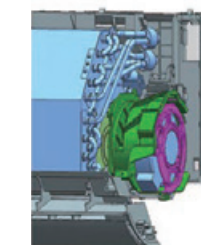
A firmer wall mounting plate ensures a more stable installation, and the hollow designed base can improve the heat exchange performance of the evaporator.



The electrical box cover is equipped with an emergency switch, preventing the finger from directly contacting the emergency switch and thus ensuring safer operation.



The motor can be easily removed by being pulled out from the side.



+ More Stable

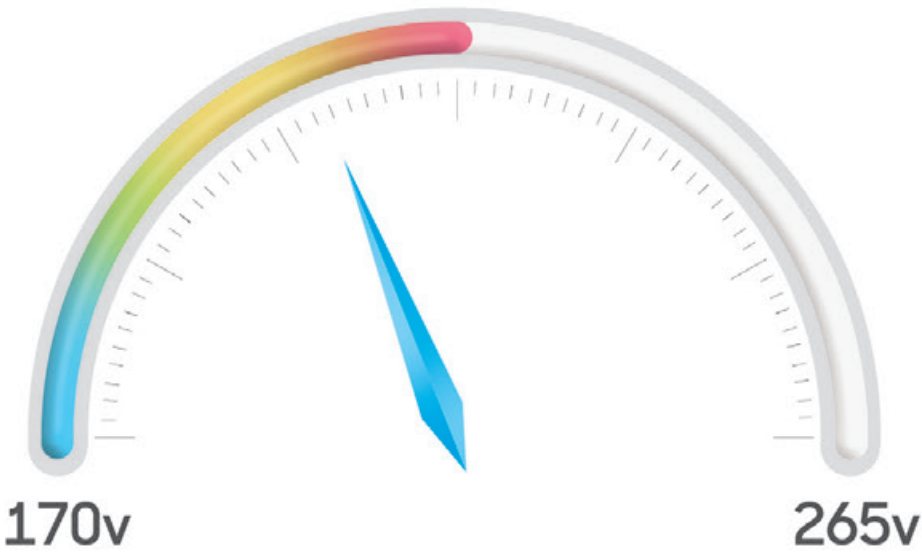
High-quality compressor

Provide more stable power for reliable operation by adopting international famous brand high-quality compressors.



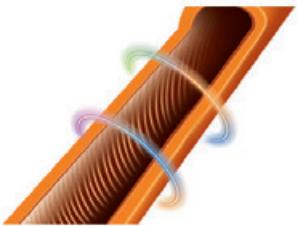
Wide voltage operation

The air conditioner can be started and operated at 170V-265V to avoid damage to the air conditioner caused by unstable voltage.



Internal thread copper pipe

High quality internal thread copper pipe together with advanced manufacturing technology makes the product more durable and stable.



Self-diagnosis

Automatically detect the abnormal faults and display the fault code on the indoor unit.



Triple protection

Provide the timely self-protection for the compressor, electric control and motor in case of abnormal circumstances and faults.



Chip

Realize precise control and comprehensive protection by using industry-leading chips to ensure stable operation.



Electrical box

The electrical box is made of 5VA fireproof materials, covered with fireproof sheet metal, and possessed with the optimized sealing performance, effectively preventing combustion and dust and ensuring reliability and safety.



High-temperature resistant electronic control board

The latest heat-dissipation technology can ensure the stability of the electronic control board at high temperatures, and the stable operation of air-conditioners under high temperature environments.



Indoor and outdoor DC motors

DC motors manufactured using advanced technology combines with continuously optimized speed control technology, making the machine quieter, more efficient and stable.



+More functions

Residential multisplit

One outdoor unit can connect three indoor units in parallel through the pipe connection, which saves space.



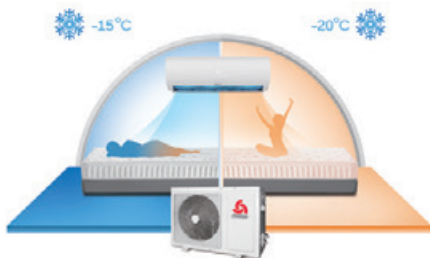
The maximum length of connecting pipe **between** indoor and outdoor unit can be up to 30 meters, the **level difference** can be up to 20 meters, flexible installation.



Electronic control has good anti-interference performance, complementary interference with other electrical appliances.

-15°C Cold / -20°C Hot

-15°C cooling: In the outdoor low temperature environment, the air conditioner can also operate normally, achieving low temperature cooling (Only for some products)
-20°C heating: In the cold winter, the air conditioner can also operate normally, achieving low temperature heating (Only for some products)



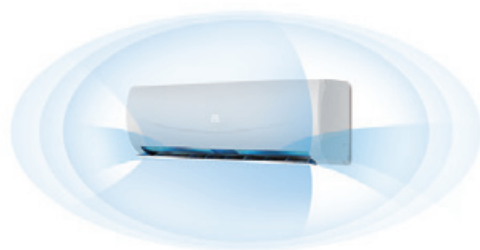
I Feel

With the temperature sensor built in the air conditioner remote control, the air conditioner automatically adjusts the operating status and temperature according to the temperature feedback from the temperature sensor, achieving intelligent temperature control and a more comfortable experience.



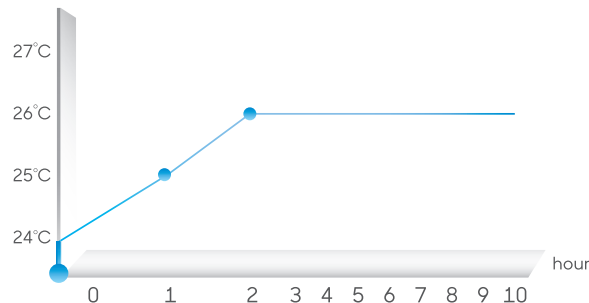
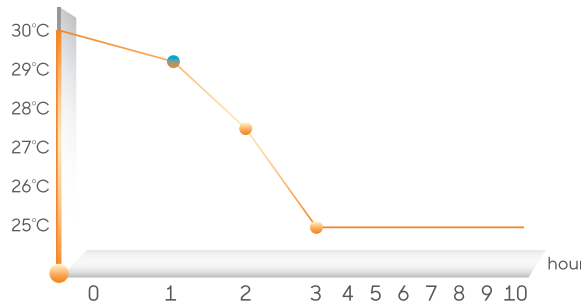
4D Air supply

Horizontal and vertical adjustable air deflector design can achieve all-round air supply, making air conditioning airflow fill every corner of the room.



Sleep Mode

The air conditioner will automatically increase (in cooling mode) or decrease (in heating mode) 2-5°C in the first 2~3 hours, and then temperature remains unchanged, which is more suitable for the human body sleep temperature curve and avoid undercooling/overheating at night.



Fast cooling

The air conditioner runs at a high frequency to achieve 30-second fast cooling.



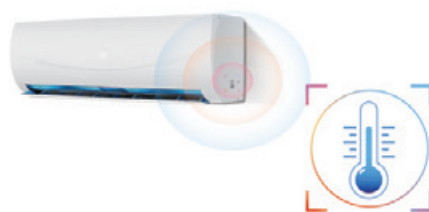
-30°C~60°C Operation

With ultra-wide range of operating temperature, the air conditioner can normally operate in extreme weather.(Only for some products)



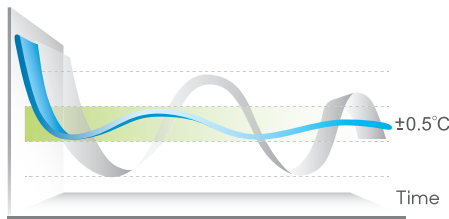
Precise temperature measurement

The room temperature sensor is mounted to the right side of the machine, making the side temperature more even, and achieving more accurate temperature detection.



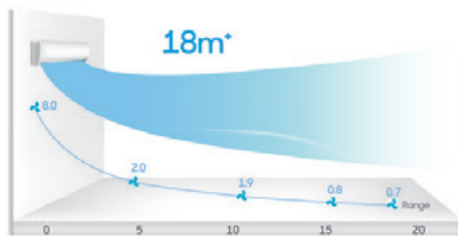
±0.5°C precise temperature control

Adjusting the frequency of the compressor power supply enables more precise temperature control as well as greater comfort.



Larger wind flow and longer distance of air supply

+cold has designed the hydrodynamic air duct structure of air conditioner in conjunction with China Academy of Engineering Physics. The CFD numerical simulation technology is used to optimize the design of the air conditioning duct system. The air flow is increased by over 20%, and the air supply distance is increased from 15 meters to 18 meters.



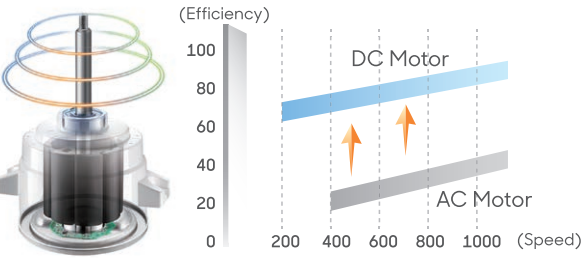
More powerful refrigeration

After continuous R&D and breakthrough, CHIGO engineers have improved the refrigeration speed of air conditioner by optimizing the design of wind wheel and air duct and improving the overall efficiency of the evaporator, condenser and compressor. It can increase by 9% at maximum under rated conditions and standard voltage.



DC motor

Compared with AC motors, DC motors have a wider range of speed regulation, energy saving and low noise.



Porcelain white panel

Achieve high gloss and simple & fashion design with porcelain white high-gloss surface treatment technology.



Anti-rust technology

The outdoor unit adopts 6-layer anti-rust coating technology, which can be bright and new even being exposed to the sun and rain.



Lower noise

The low-noise designed air supply system adopts large-diameter cross-flow fans to achieve low noise of air conditioning operation by optimizing the fan tongue distance between fan and water pan and optimizing the design of the fan blade at the air outlet.



Better fitting

The large and small pipe orifice reserved at the pipe outlet are optional to ensure a better fitting between pipe outlet and connecting pipe, prevent foreign matters from entering.



More beautiful

One-piece middle frame, avoids the color difference of the middle frame and the base, and achieves more uniform color of the air conditioner.



Soft light LED display

The display is cleverly hidden inside the panel. With no operation within 30 seconds, the display automatically dims and the brightness is reduced to 30%.



+ Contents

Split Type

Series	Panels	9K	12K	18K	21K	24K	30K	36K
+cold137			•	•				
+18m		•	•	•	•	•	•	•
+turbo		•	•	•	•	•	•	•
+silent		•	•	•	•	•	•	•
+4D		•	•	•	•	•	•	•

Ceiling cassette (R410a T1 Climate)

Panels	18K	24K	30K	36K	42K	48K	60K	Page
	•	•	•	•	•	•	•	57

DUCT (R410a T1 Climate)

Panels	18K	24K	30K	36K	42K	48K	60K	Page
	•	•	•	•	•	•	•	59

SPLIT TYPE

+cold137



Standard Optional



Sleep Mode



Turbo Cooling/
heating



Soft LED Setting



Timer Switch



Self-diagnosis



Intelligent Defrost



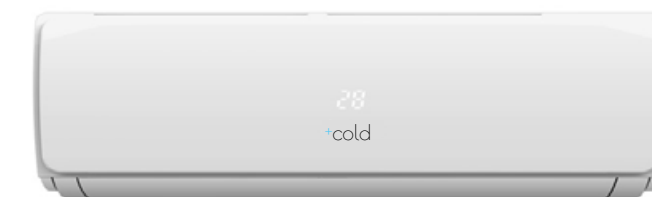
Child Lock



I Feel



Auto-restart



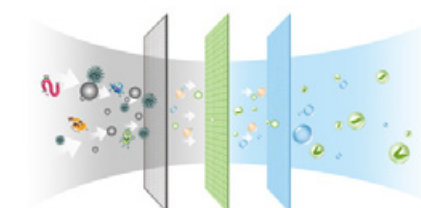
Fast cooling

The air conditioner runs at a high frequency to achieve 30-second fast cooling.



High-density filter

The high-density filter can more effectively remove dust and pollutants.



Smart cleaning

Press the Clean key and the dust on the surface of the fins will be carried away by the rapidly flowing condensate and the surface can be kept clean.



+18m



Standard Optional



Sleep Mode



Turbo Cooling/
heating



Soft LED Setting



Timer Switch



Self-diagnosis



Intelligent Defrost



Child Lock



I Feel

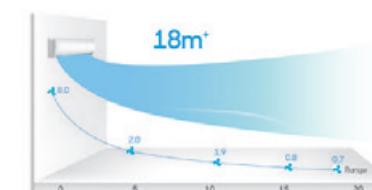


Auto-restart



Longer distance of air supply

The air conditioning duct system is optimized to achieve long-distance air supply, and the air supply distance can reach 18 meters.



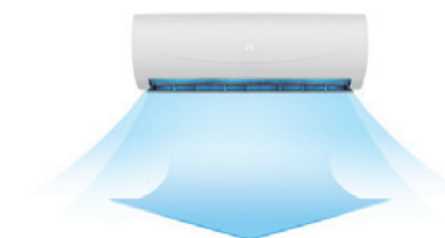
-30°C~60°C operation

With ultra-wide operating temperature range, the air conditioner can also run smoothly in extreme weather.



Strong air supply

Optimized air duct design and large-diameter cross-flow fan can further deliver the wind and blow the wind to every corner of the room.



+4D



Standard Optional



Sleep Mode



Turbo Cooling/
heating



Soft LED Setting



Timer Switch



Self-diagnosis



Intelligent Defrost



Child Lock



I Feel



Auto-restart



Fast cooling

The air conditioner runs at a high frequency to achieve 30-second fast cooling.



4D air supply

The all-round air-swing design can achieve a wide range of air supply.



Smart cleaning

Press the Clean key and the dust on the surface of the fins will be removed by the rapidly flowing condensate and the surface can be kept clean.



+silent



Standard Optional



Sleep Mode



Turbo Cooling/
heating



Soft LED Setting



Timer Switch



Self-diagnosis



Intelligent Defrost



Child Lock



I Feel

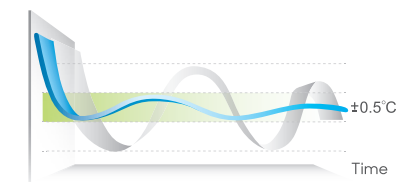


Auto-restart



±0.5°C constant temperature control

Power supply frequency of the compressor can be adjusted to output different cooling capacity and precisely control the temperature.



Independent dehumidification

Moisture can be remove effectively, leaving the room dry.



Low-noise air supply system

Large-diameter cross-flow fan blades matched with the optimized air duct to reduce noise without reducing the air volume and cooling output capacity.





Standard Optional



Sleep Mode



Turbo Cooling/
heating



Soft LED Setting



Timer Switch



Self-diagnosis



Intelligent Defrost



Child Lock



I Feel



Auto-restart



Turbo Cooling/Heating

This feature maximizes cooling or heating output to make room temperature quickly reaches the preset level.



Fast cooling

The air conditioner runs at a high frequency to achieve 30-second fast cooling.



Soft LED Setting

With integrated design, the display is cleverly concealed in the interior of the panel for energy saving and conformable sleep.



+cold

137

T1/R410a/60Hz Cooling and heating Inverter

Model			9000BTU	12000BTU	18000BTU	21000BTU
Power Supply		V/Hz/Ph	220-240/60/1Ph	220-240/60/1Ph	220-240/60/1Ph	220-240/60/1Ph
Capacity	Cooling	Btu/h	9000BTU	12000BTU	18000BTU	21000BTU
	Heating	Btu/h	/	/	/	/
	Cooling power input	W	890	1250	1800	2150
	Heating power input	W	/	/	/	/
SEEP/SCOP(Average)		W/W	/	/	/	/
Energy Rating			/	/	/	/
Standby Mode Consumption		W	/	/	/	/
Indoor Unit						
Net Dimension	WxHxD	mm	680×252×209	780×276×202	850×276×202	950×313×240
Packaging Dimension	WxHxD	mm	755×333×293	870×367×282	940×367×282	1045×403×330
Net Weight/Gross Weight		kg	8/9.5	9/11	11/13	14/17
Outdoor Unit						
Net Dimension	WxHxD	mm	700×260×503	700×260×503	835×322×546	835×322×546
Packaging Dimension	WxHxD	mm	798×321×554	798×321×554	934×382×608	934×382×608
Net Weight/Gross Weight		kg	25/29	25/29	32/36	34/38
Loading Capacity	40'HQ	Set	330	305	228	200

+18m

T1/R410a/60Hz Cooling and heating Inverter

Model			9000BTU	11000BTU	12000BTU	18000BTU	21000BTU
Power Supply		V/Hz/Ph	220-240/60/1Ph	220-240/60/1Ph	220-240/60/1Ph	220-240/60/1Ph	220-240/60/1Ph
Capacity	Cooling	Btu/h	9000BTU	11000BTU	12000BTU	18000BTU	21000BTU
	Heating	Btu/h	9000BTU	11000BTU	12000BTU	18000BTU	21000BTU
	Cooling power input	W	890	1250	1200	1785	2210
	Heating power input	W	2500	3200	3700	5350	5900
SEEP/SCOP(Average)		W/W	/	/	/	/	/
Energy Rating			/	/	/	/	/
Standby Mode Consump-tion		W	/	/	/	/	/
Indoor Unit							
Net Dimension	WxHxD	mm	680×252×209	780×276×202	780×280×208	850×276×202	950×313×240
Packaging Dimension	WxHxD	mm	755×333×293	870×367×282	860×366×276	940×367×282	1045×403×330
Net Weight/Gross Weight		kg	8/9.5	9/11	10/12	11/13	14/17
Outdoor Unit							
Net Dimension	WxHxD	mm	700×260×503	700×260×503	728*262*540	820×292×546	835×322×546
Packaging Dimension	WxHxD	mm	798×321×554	798×321×554	870×370×595	934×382×608	934×382×608
Net Weight/Gross Weight		kg	21/25		26/30	34/38	36/40
Loading Capacity	40'HQ	Set	330	305	228	200	152

+4D

T1/R410a/60Hz Cooling and heating Inverter

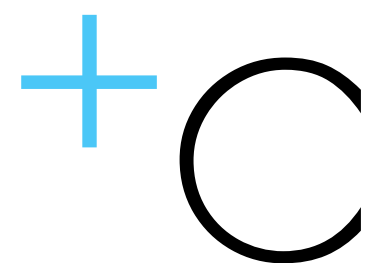
Model			9000BTU	11000BTU	12000BTU	18000BTU	21000BTU
Power Supply		V/Hz/Ph	220-240/60/1Ph	220-240/60/1Ph	220-240/60/1Ph	220-240/60/1Ph	220-240/60/1Ph
Capacity	Cooling	Btu/h	9000BTU	11000BTU	12000BTU	18000BTU	21000BTU
	Heating	Btu/h	9000BTU	11000BTU	12000BTU	18000BTU	21000BTU
	Cooling power input	W	890	1250	1200	1785	2210
	Heating power input	W	2500	3200	3700	5350	5900
SEEP/SCOP(Average)		W/W	/	/	/	/	/
Energy Rating			/	/	/	/	/
Standby Mode Consump-tion		W	/	/	/	/	/
Indoor Unit							
Net Dimension	WxHxD	mm	680×252×209	780×276×202	780×280×208	850×276×202	950×313×240
Packaging Dimension	WxHxD	mm	755×333×293	870×367×282	860×366×276	940×367×282	1045×403×330
Net Weight/Gross Weight		kg	8/9.5	9/11	10/12	11/13	14/17
Outdoor Unit							
Net Dimension	WxHxD	mm	700×260×503	700×260×503	728*262*540	820×292×546	835×322×546
Packaging Dimension	WxHxD	mm	798×321×554	798×321×554	870×370×595	934×382×608	934×382×608
Net Weight/Gross Weight		kg	21/25		26/30	34/38	36/40
Loading Capacity	40'HQ	Set	330	305	228	200	152

+silent

T3/R410a/60Hz Cooling and heating Inverter

Model			12000BTU	18000BTU	21000BTU	24000BTU	30000BTU
Power Supply		V/Hz/Ph	220-240/60/1Ph	220-240/60/1Ph	220-240/60/1Ph	220-240/60/1Ph	220-240/60/1Ph
Capacity	Cooling	Btu/h	12000BTU	18000BTU	21000BTU	24000BTU	30000BTU
	Heating	Btu/h	12000BTU	18000BTU	21000BTU	25000BTU	31000BTU
	Cooling power input	W	1210	1780	2050	2450	3150
	Heating power input	W	3200	5100	6100	7400	9000
SEEP/SCOP(Average)		W/W	/	/	/	/	/
Energy Rating			/	/	/	/	/
Standby Mode Consump-tion		W	/	/	/	/	/
Indoor Unit							
Net Dimension	WxHxD	mm	780×280×208	950×313×240	1055×315×240	1055×315×240	1155×315×240
Packaging Dimension	WxHxD	mm	860×366×305	1045×403×330	1148×400×328	1148×400×328	1248×400×328
Net Weight/Gross Weight		kg	10/12	14/17	16/19	16/19	17.5/
Outdoor Unit							
Net Dimension	WxHxD	mm	728*262*540	835×322×546	835×322×546	880×330×650	910×340×699
Packaging Dimension	WxHxD	mm	870×370×595	934×382×608	934×382×608	1030×445×735	1060×459×790
Net Weight/Gross Weight		kg	34/38	41/47	45/51	52/58	66/71
Loading Capacity	40'HQ	Set	257	200	192	152	125

Model			9000BTU	12000BTU	18000BTU	21000BTU
Power Supply		V/Hz/Ph	220-240/60/1Ph	220-240/60/1Ph	220-240/60/1Ph	220-240/60/1Ph
Capacity	Cooling	W	2500(1500~3200)W	3500W (1600W~3950W)	5100W (1600W~5800W)	6100W (2100W~7100W)
	Heating	W	2500(1480~3350)W	3600W (1550W~4250W)	5100W (1350W~6000W)	6100W (1800W~7300W)
	Pdesignc	W	670(390~1100)W	1090W (450W~1400W)	1650W (400W~1950W)	1870W (400W~2700W)
	Pdesignh	W	660(320~940)W	990W(370W~1270W)	1580W(370W~1850W)	1650(450~2250)W
SEEP/SCOP(Average)		W/W	6.1	6.1	6.1	5.6
Energy Rating			A++/A+	A++/A+	A++/A+	A++/A+
Standby Mode Consumption		W	0.3	0.3	0.4	0.4
Indoor Unit						
Net Dimension	WxHxD	mm	680×252×209	780×276×202	850×276×202	950×313×240
Packaging Dimension	WxHxD	mm	755×333×291	870×367×282	940×367×282	1045×403×327
Net Weight/Gross Weight		kg	8/9.5	10/12	11/13	14/17
Outdoor Unit						
Net Dimension	WxHxD	mm	700×260×503	700×260×503	835×322×546	835×322×546
Packaging Dimension	WxHxD	mm	798×321×554	798×321×554	934×382×608	934×382×608
Net Weight/Gross Weight		kg	21/23	21/23	30/32	32/35
Loading Capacity	40'HQ	Set	337	280	235	207



+cold

CEILING
CASSETTE



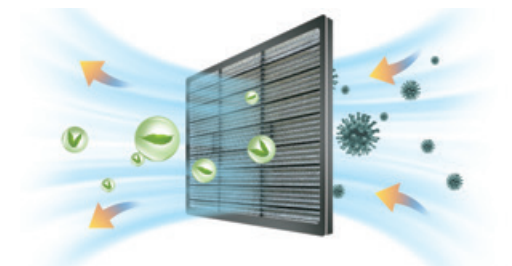
360° Surround Airflow

The all-round airflow design delivers air without dead ends. The smooth and gentle airflow allows for a more balanced temperature distribution in the room, so you can enjoy a comfortable temperature in every corner.



Super Quiet, More Comfortable

The use of the technologically advanced three-dimensional spiral air blade design makes the product with more powerful airflow and more balanced & stable air output, while also effectively reducing air supply resistance and significantly reducing vortex noise, creating a quiet and comfortable indoor environment.



High-density filter

Compared with ordinary dust filter, high-density filter can effectively remove the dust and pollutants.

+ DUCT



Wide static pressure range, strong and comfortable air supply

With the highest air output static pressure up to 30Pa, it can connect to a longer duct and supply more powerful cold / hot wind. Meanwhile, the large air volume can accelerate indoor air circulation to create a better environment.



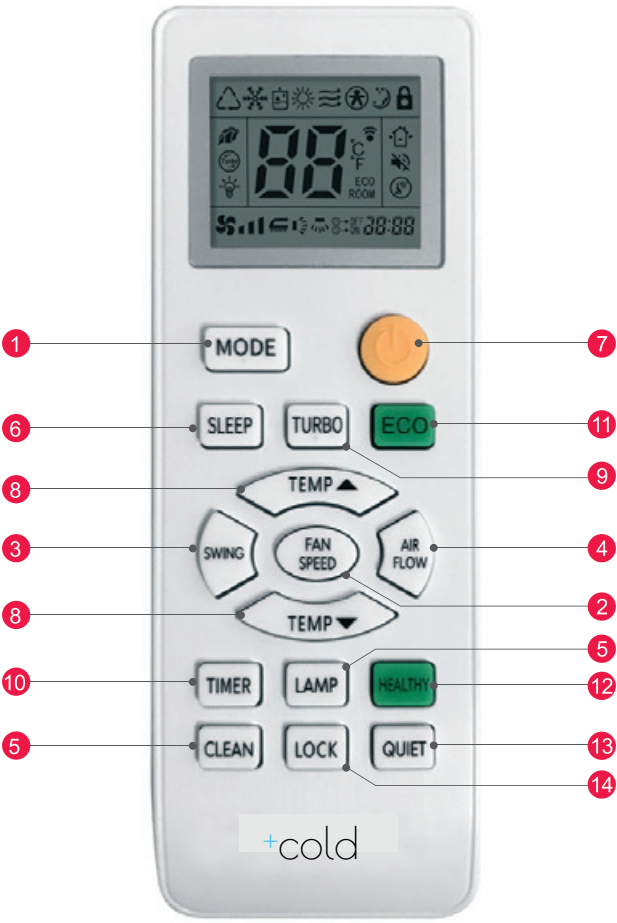
Wide-range air supply, flexible installation

With the top installation, side air supply and lower air return, the air supply is smooth and even, making the constant temperature stable and whole house comfortable. The air return box is equipped as standard at the factory. According to the installation requirements, the two modes of lower air return or back air return can be switched on-site to improve installation convenience.

CEILING CASSETTE			60HZ			
Model No.			CCC-18CR1C3	CCC-24CR1C3	CCC-36CR1C3	CCC-48CR1C5
Climate type			T1	T1	T1	T1
Power supply		Ph-V-Hz	220-240V/60HZ/1Ph	220-240V/60HZ/1Ph	220-240V/60HZ/1Ph	380V/60HZ
Power Supply Mode			Indoor	outdoor	outdoor	outdoor
Cooling Power Input Rated Current EER	Capacity	W	5300	7100	10550	14000
	W	1600	2260	3450	4600	
	A	7.1	10.0	15.3	7.8	
	W/W	3.31	3.14	3.06	3.04	
Heating Power Input Rated Current COP	Capacity	W	5300	7600	11000	14500
	W	1500	2100	3200	4100	
	A	6.7	9.3	14.2	7.0	
	W/W	3.53	3.62	3.44	3.54	
Compr essor	Type			Rotary	Rotary	Rotary
	Brand			GMCC	GMCC	GREE
Indoor unit	Indoor fan motor	Model		YDK35-6-50Q	YDK35-6-50Q	YDK90-6-50Q
	Indoor air flow		m3/h	700	1200	1800
	Unit dimension (W*H*D)		mm	840×230×840	840×230×840	840×300×840
	Packing (W*H*D)		mm	915×280×915	915×280×915	915×360×915
	panel	Dimension (WxHxD)	mm	950×50×950	950×50×950	950×50×950
		Packing (WxHxD)	mm	1035×95×1035	1035×95×1035	1035×95×1035
Outdoor Unit	Model			S.TB-DQ-DRN-310-34-8-2	S.TB-DQ-DRN-310-34-8-3	S.TB-DQ-DRN-310-75-8-2
	Noise level		dB(A)	51	56	58
	Unit dimension (W*H*D)		mm	790×560×290	820×655×300	950×850×355
	Packing (W*H*D)		mm	900×620×400	935×715×425	1080×950×480
	Refrigerant type			R32	R32	R32
Refrigerant pipe	Liquid side		mm	6.35	6.35	9.52
	Gas side		mm	12.7	12.7	15.88
	Max. refrigerant pipe length		m	25	25	30
	Max. difference in level		m	15	15	20
Max suction pressure		Mpa	4.2	4.2	4.2	4.2
Max discharge pressure		Mpa	1.6	1.6	1.6	1.6
Max pressure of coil		Mpa	12	12	12	12

Factory Model			CCD-18CR1C3	CCD-24CR1C3	CCD-30CR1C3
Climate type			T1	T1	T1
Power supply		Ph-V-Hz	220-240V/60HZ/1Ph	220-240V/60HZ/1Ph	220-240V/60HZ/1Ph
Power Supply Mode			Indoor	outdoor	outdoor
Cooling	Capacity	W	5300	7100	8800
	Power Input	W	1630	2300	2850
	Rated Current	A	7.2	10.2	12.6
	EER	W/W	3.25	3.09	3.09
Heating	Capacity	W	5500	7600	9500
	Power Input	W	1520	2130	2680
	Rated Current	A	6.7	9.4	11.9
	COP	W/W	3.62	3.57	3.54
Compressor	Type			Rotary	Rotary
	Brand			GMCC	GMCC
Indoor unit	Indoor fan motor	Model		YSK100-55F-4P3-1	YSK100-68F-4P3-1
	Stabdard external static pressure		Pa	25	25
	Indoor air flow		m3/h	900	1350
	Unit dimension (W*H*D)		mm	900×200×450	1100×200×450
	Packing (W*H*D)		mm	1160×290×545	1360×290×545
Outdoor Unit	Model			S.TB-DQ-DRN-310-34-8-2	S.TB-DQ-DRN-310-34-8-3
	Noise level		dB(A)	52	54
	Unit dimension (W*H*D)		mm	728×540×262	820×546×292
	Packing (W*H*D)		mm	870×585×370	934×598×382
	Refrigerant type			R32	R32
Refrigerant pipe	Liquid side		mm	6.35	6.35
	Gas side		mm	12.7	12.7
	Max. refrigerant pipe length		m	25	25
	Max. difference in level		m	15	15
Max suction pressure		Mpa	4.2	4.2	4.2
Max discharge pressure		Mpa	1.6	1.6	1.6
Max pressure of coil		Mpa	12	12	12

+ Remote Control



- 1 OPERATION MODE**

Choose operation mode: Auto, Cool, Dry, Heat and Fan.
- 2 FAN SPEED**

Choose fan speed: Low, Medium and High.
- 3 SWING**

Set vertical swing angle.
- 4 AIR FLOW (OPTIONAL)**

Set horizontal swing angle.
- 5 "LAMP"and"CLEAN"**

LAMP: Turn on/off LED display;
CLEAN: Start self-cleaning.
- 6 SLEEP**

Press it to make air conditioner run according to the preset sleep temperature curve.
- 7 ON/OFF**

Turn on/off air conditioner.
- 8**

Choose set temperature.
- 9 TURBO**

Start rapid cooling or heating.
- 10 TIMER**

Turn on/off timer or set the on/off timing of the air conditioner.
- 11 ECO**

This button is used to open and close the ECO(energy saving) operation function.remote control air-conditioning energy saving operation mode to enter or exit.
- 12 HEALTHY**

This button is used to turn health functions on and off.
- 13 QUIET**

Press this button to make the AC keep quiet.
- 14 LOCK**

Press this button to lock or unlock the keyboard.

Icon Guide

Comfortable

-  **Independent dehumidification**
It can effectively remove moisture from the room and makes the room dry.
-  **Strong cooling/heating**
Maximize output cooling or heating capacity, achieving fast cooling or heating in the room.
-  **4D air supply**
The all-round wind swing design achieves a wide range of air supply
-  **-15 °C Cooling**
In the outdoor low temperature environment, the air conditioner can also operate normally, achieving low temperature cooling (Only for some products)
-  **-20°C Heating**
In the cold winter, the air conditioner can also operate normally, achieving low temperature heating (Only for some products)
-  **Low-noise air supply system**
The large-diameter cross-flow fan blades can be matched with the optimized air duct to reduce noise without reducing the air volume and cooling output capability.
-  **Soft light LED display**
With integrated design, the display is hidden inside the panel, which can achieve energy saving and ensure better sleeping.
-  **Sleep Mode**
The air conditioner will automatically increase (in cooling mode) or decrease (in heating mode) 2-5°C in the first 2~3 hours, and then temperature remains unchanged, which is more suitable for the human body sleep temperature curve and avoid undercooling/overheating at night.

Convenient

-  **Timer Switch**
It can set 24-hour automatic switching.
-  **Self-diagnosis**
It automatically monitors some abnormal faults or faulty components, and displays fault codes on the indoor unit.
-  **Power failure memory**
The main chip automatically remembers the current running settings. When the air conditioner suddenly loses power or powers down, once the power supply is restored, the machine will run according to the mode and settings before the shutdown.
-  **Two-way drain outlet**
The drain hose can be connected to the left and right sides of the indoor unit for easy installation.
-  **WIFI Control**
Through WIFI control function, you can easily control the air conditioner with smart devices such as mobile phones.
-  **Wide voltage operation**
The air conditioner can be started and operated at 170V-265V to avoid damage to the air conditioner caused by unstable voltage.
-  **Precise temperature measurement**
The room temperature sensor is mounted to the right side of the machine, making the side temperature more even, and achieving more accurate temperature detection.

Health

-  **Self-cleaning**
Press the Clean key, the air conditioner will enter the cleaning mode and the dust on the surface of the fins will be removed by the rapidly flowing condensate and the surface can kept clean.
-  **Cold Catalyst Filtration**
Eliminates volatile organic compounds such as formaldehyde and harmful gases and odors
-  **Negative ions**
Releases negative ions, eliminates odor, dust, and smoke, bringing you fresh and healthy air.
-  **Lysozyme Filter**
Combines with the polyphenol air filter to increase the sterilization of airborne bacteria.
-  **High-density filter**
The high-density filter can more effectively clean the dust and pollutants.
-  **Mosquito repellent**
The ultrasonic mosquito repellent technology can automatically keep the mosquitoes away from air conditioning coverage area.

Energy saving

-  **R32 refrigerant**
Environment-friendly refrigerant with excellent performance and stability
-  **R290 refrigerant**
Environment-friendly refrigerant with excellent performance and stability
-  **Full DC frequency conversion**
High-efficiency and energy-saving DC inverter compressor, brushless DC motor and electronic expansion valve
-  **A new generation of golden coating**
It can improve the hydrophilic characteristics of the fins, keep the fins dry, reduce the dust adhesion and avoid the bacteria breeding, to better improve the heat exchange efficiency and the cooling / heating effect. It strengthens the fins to resist the corrosive elements in the air and moisture to make it more durable.

Safe and durable

-  **6-layer anti-rust design**
The outdoor unit adopts 6-layer anti-rust coating technology to ensure the high gloss of the outdoor unit.
-  **Fireproof structure**
Safer fireproof structure design.
-  **Advanced EVA Drain Pipe**
Industry high-grade EVA drain pipe, with long service life and smooth drainage.