



2012

Residential Air Conditioner



FUJIAIR AIR CONDITIONER 2012 R22



R22

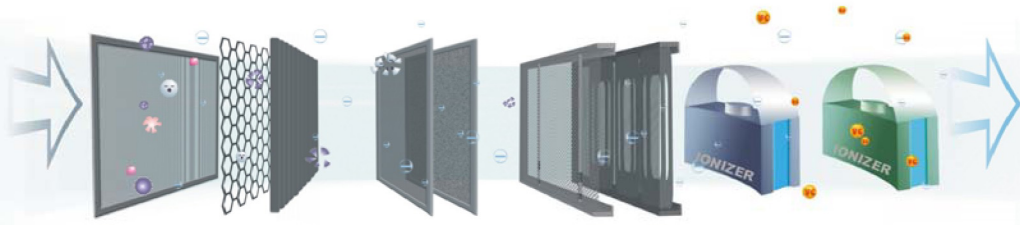
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Quietly, Comfortable**

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Multi-layer purify system brings you **Fresh Air** with healthy Vc& Anion.



Elaborate multilayer dustproof filter net

As the dimension of the dust in the air is various, the Elaborate multilayer dustproof filter net can not only filtrate big-dimension dust, but effectively filtrate tiny dust, thus make the indoor air cleaner and fresher.



I Feel

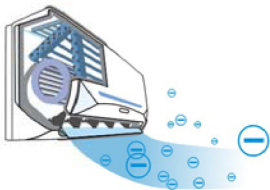
The wisdom eye of the adjustment room temperature, you will forever stay in the best temperature environment, the actual realization of the "Win With people moving."



Anion

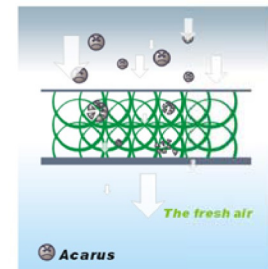
The use of high-tech anion generator, increasing air anion content, breathe fresh air at home as enjoying the forest.

The anion with positive charge will adhere to the surface of the bacteria with negative charge, thus breaking the electrolyte balance of the bacteria. The bacteria will then die due to the damage of their cell walls. The antibacterial rate of the nano silver ion net is up to 99.98%, making you truly enjoy healthy air at home.



The super anti-mites system

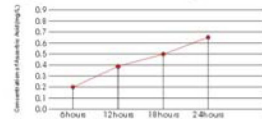
Be made of anti-mites material and polypropylene honeycomb, the system can destroy the mite's water balance of breeding system and impair the mite's propagation, by this way it can effectively decrease the anaphylactic stimulation to human body brought by the mite's action.



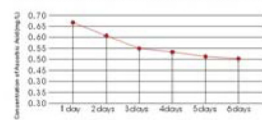
Breathing Vitamin C filter

Promote the generation of human ossein, beautify skin, delay aging, improve the effectiveness of the acne, but can also contain yellow, freckle, protect skin, making your skin more luster, health, and enhance skin immunity.

Progress of "Vitamin-c emission" every 6 hours

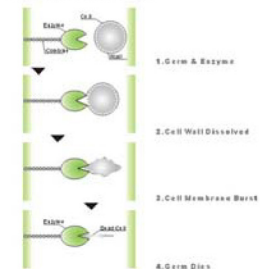


Performance of the emission in case of Continuous running



Lytic-enzyme PP HEPA filter

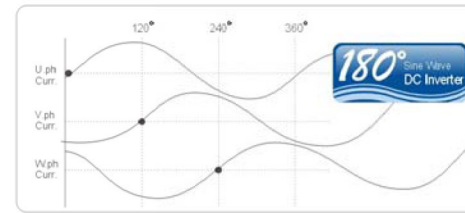
Be made of super lytic-enzyme compounded with PP HEPA as carrier which is combined with Active-carbon sheet. The special carrier has high filtration efficiency over 99.97% against micro-particles above 0.3 μm, the anti-bacterium reduction is over 99%, and it was proved that the filter has effect on both A and B influenza virus. (Sterilization & Anti-flu).



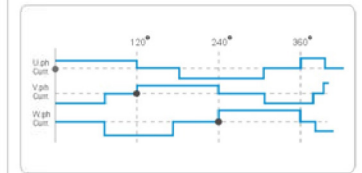
DC Inverter 180° Sine Wave

Our AC Inverter Air-conditioner adopts the advanced 180° Sine Wave DC Inverter driving technology and Brushless DC (BLDC) motor (revolution Variable) compressor. More energy-saving, more consistent, and quieter than 120 Square Wave DC Inverter.

Sine Wave (180°)



Square Wave (120°)



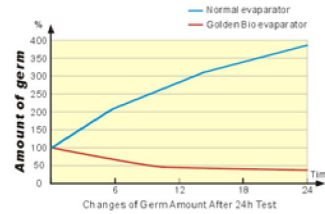
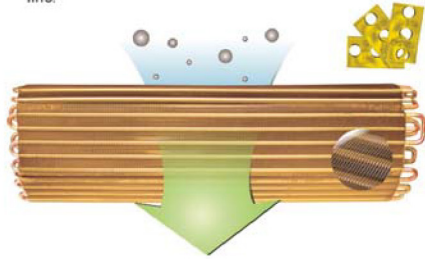
Compressor current wave

Noise	Ultra Low Noise The current of compressor winding is sine-wave form. The torque is much stable and running noise is much lower.	Low Noise The current of compressor winding is sine-wave form. The torque is much stable and running noise is less lower.
Energy saving effect	Lowest Energy Consumption Fully make use of magnetic group torque, the sine wave driven unit consumes least energy.	Low Energy Consumption The utilization rate of magnetic group of square wave is low when energy consumption is higher than the sine wave driven unit.
Comfortableness	Most comfortable Presenting most comfortable ambient temperature with best reliability thanks for vector control compressor current.	Lower comfortableness Presenting comfortable temperature and better reliability thanks for single-loop control compressor speed.
Wide frequency adjustment	Ultra High Performance Compressor is able to cool and heat in very short time thanks for its wide speed range, and its frequency adjustment is widest.	High Performance Compressor speed range and frequency adjustment range is small.
Voltage utilization rate	High Utilization Rate of Voltage Thanks for 180 degree conduction and voltage vector PWM applied, unit performs high utilization rate.	Lower Utilization Rate of Voltage 120 degree conduction, utilization rate of voltage is lower.
Others	Precise Temperature Control Ultra precise temperature control thanks to sensitive temperature induction system and electric control system.	Less Precise Temperature Control Temperature induction system and electric control system is not so sensitive.

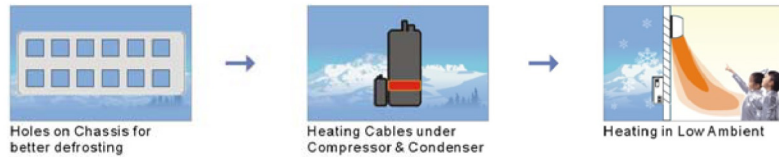


Golden fin

- (1) The Golden Hydrophilic Fins on both evaporator and condenser, can improve heating efficiency by speed up the defrosting process and further save more power.
- (2) The special anti corrosive coil material made of Epoxy Resin, can achieve a longer life 10 times than normal fins.



The unique design of the outdoor unit, the proper use of the heating cables, make the unit start up & defrost easily even when the temperature is below -20°C in the winter time.

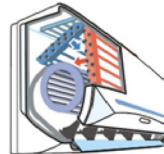


Automatic cleaning function

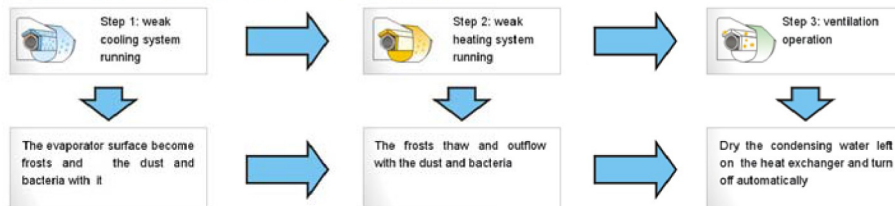
After using the air conditioner for a long time, the evaporator and the internal wind path will be full of dust and bacteria. If they are not cleaned, the wind flowed out will affect the RAQ and human health. The automatic cleaning function uses advanced electronic technique and can achieve the aim of cleaning the air conditioner itself automatically.

Purification comes from core, overall protection

Make use of hot-wind-dry motor to clean the indoor unit, to avoid creation of bacterium because of humidity when the air-conditioner is not used and achieve the effect of anti-mildew. When turning off the unit after cooling, it will automatically dry the remaining water in the indoor unit and keep the unit from mildew.



The principle of intellectual automatic cleaning

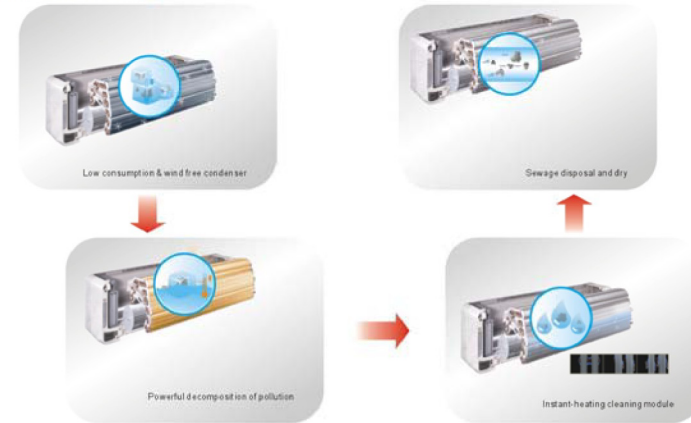


Clean Reminder

All air blows to you has been purified by five-fold health system!

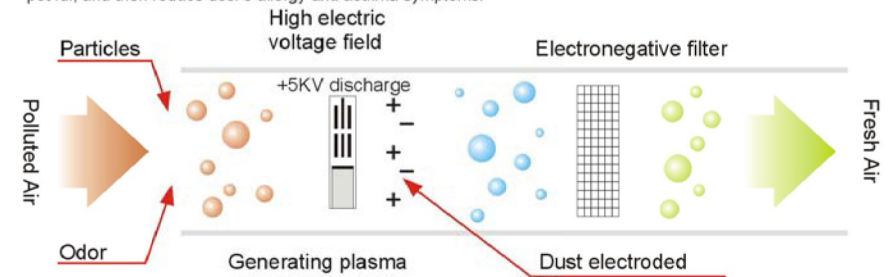
Hydro-alto-cleaning metabolic system, imitating people's metabolic system, which includes internal and external five-fold health & purification system: auto-cleaning metabolic system, dry & anti-mildew technology, multi-layer fine dustproof filter net, silver-guard anti-bacterium net and fresh O2 eco anion. It revolutionarily transcends the traditional indoor unit which can only clean the filter net not evaporator or can only achieve partial health not all-over health. The indoor unit is as health as new ones without creation of bacterium. Health air comes out from inside to outside, healthy air-conditioner, healthy people.

Auto-cleaning metabolic module can keep the indoor unit without bacteria



Plasma

The Plasma can create an ionization zone. When the polluted air gets through the ionization zone, the microscopic contaminants can be eliminated efficiently. It can reduce not only the dust, but also smoke, house mites, pollen, pet fur, and then reduce user's allergy and asthma symptoms.



Sleep mode

This function enables the unit to automatically increase (cooling 1°C) or decrease (heating 2°C) per hour for the first two hours, then hold steady for the next 5 hours, after that the unit will stop operation. It can maintain the most comfortable temperature and save energy.



Health

When you press the Health button on the remote control, the unit will activate all healthy functions on the unit automatically, adjust the angle of the louver, exchange the fresh air on certain frequency and generate the best living situation for you immediately.



Auto-Restart

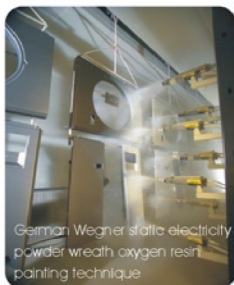
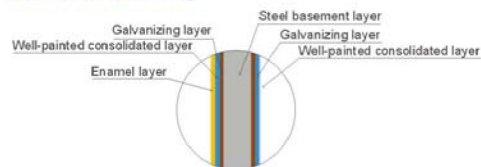
When the power is off, the unit automatically restores the previous function setting and restart when the power is on.



Highly effective double anti-corrosion

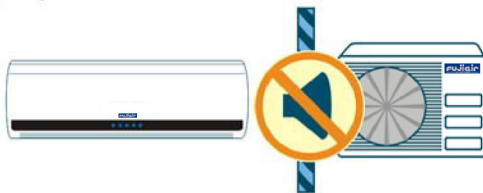
The galvanized steel plate is produced by high precision machine after the process of cutting, pushing and punching. The technique of the static powder painting and wreath oxygen resin make the plate both beautiful in appearance and antirust, anti-corrosion, and anti-aging in function.

6 fold anti-rusting



Unique double mute technology

On the latest aerodynamic technology research and digital simulation system, Danish hi-fi noise checking device, the amount of wind . Fujiair achieves greater wind, lower Noise design, noise quality achieves qualitative upgrading noise.



FIVE ADVANTAGES, ALL FOR PERFECT "ZERO NOISE"



Super quiet compressor

The world famous compressor brand runs more smoothly than the piston compressor and can avoid the noise caused by the shaking of the compressor.



Super quiet Motor

The PG no grade speed control motor won't be affected by the voltage fluctuation and can work smoothly and steadily, thus avoid the noise caused by the motor.



Super quiet fan

The indoor unit uses indoor fan which has wide diameter, different distance and slanting blades, thus avoiding the formation of whirling air and greatly lower the noise.



Super quiet design

The new golden optimized wind flowing design make the air flow smoothly and lower the noise down to 24dB.



Super quiet pipe

Each pipe is bended by the imported automatic three dimensional bending machine in one time, thus reducing the welding knots and avoiding the deformation and the noise caused by the box resonance.

Common Functions



6000-hour rough-environment testing

The result of our product being tested under such bad environment for 6000 hours is the same of that being used normally for 20 years. At the research and development stage, our product should pass this kind of testing, and then it is qualified to be put into production at large quantity, and finally sold in the market, which could guarantee long-time running efficiently.



PG no grade speed control motor

The switching of the wind speed can be smooth enough not to produce any noise and the extra-wide voltage can operate normally in various conditions and adjust to bad circumstances.



Prudential R&D Program

10 sets for Sample, 100 sets simulative products, small test and production are indispensable before mass-production.



Elaborate multilayer dustproof filter net

As the dimension of the dust in the air is various, the Elaborate multilayer dustproof filter net can not only filtrate big-dimension dust, but effectively filtrate tiny dust, thus make the indoor air cleaner and fresher



Super-quiet running

By adopting isolation, damper silencer, voice-quality test and other testing methods, AUX A/C effectively reduces the noise of indoor and outdoor.



Internationally famous brand compressor adopted

It is well known that the compressor is the heart of the air conditioning, therefore, the quality is top important. The internationally famous brand compressor we use could ensure the high quality of



Advanced management system and certificate

We have got the certificate of ISO 9001, and products are controlled from design to users. The ERP management system using 6sigma and SAP is the only communication pole enterprise in China.



Advanced raw material guarantee excellent quality

We adopt hydrophilic aluminium fin, inner grooved copper tube and ABS imported original plastic material, to improve the efficiency of heat exchanging widely and make the performance better.



Intelligence defrosting

AUX A/C will check automatically whether the heat-exchanger frosts, and choose the best time of defrosting to ensure the heating function are well operated, thus avoid the frequent fluctuation room temperature caused by the old defrosting style. Such kind of intelligence defrosting will minimize the on-off frequency of compressor, prolong its usage life. Furthermore it's a kind of highly energy saving



Healthy two-way wind flowing pattern (wall-mounted only)

Cooling mode: the cool wind is flowed out horizontally, and then go down naturally, starting the cooling from the head. Heating mode: the warm wind is flowed out downward, and then go up naturally, starting the heating from the foot. Two-way wind flowing can avoid the uncomfortableness of cold air below and hot air



Advanced equipment and technical make our product excellent

12 sets of evaporator/condenser product machine, 10 sets of Japanese Dajin welding machine, 50 sets of Japanese pacific-brand automatic tube bending machine, Denmark Hi-fi noise testing machine and Painting equipment Wagner, 10 advanced painting technical.



Fluorescent anti-bacterial remote control

Fluorescent technology is adopted in the remote controller that enables more convenient use in darkness; Nanotechnology used in the plastic crust produces anti-bacterial mote which can efficiently eliminate the bacteria in the surface of remote



Process of testing product & inspecting procedure

Using full line testing for important items to guarantee every product eligibility, inspecting other involved items from full ones in order to guarantee the full lot goods eligibility.



High-quality service

By adhering to the concept of "customer always comes first", we are fulfilling customer's service demand by our continuous effort and realizing that "no necessary to provide service is the best"



High efficiency design

We advance the design for compressor, heat exchanger and wind way, which make the EER



Workers with good quality

All employees gain pre-job training and post certificate are required for key positions.



High professional young manage team

The average age of the staff is 32. The educational level of middle manager are all academician.



Healthy circulating wind flowing pattern (floor-standing only)

The latest full-sided wind flowing pattern realized the three-dimensional wind circulation, making the wind blow to every inch of the room and let you truly enjoy the healthy and comfortable air.

Remote Control



Temperature Setting

ON/OFF

Mode Setting
AUTO/COOL/DRY/HEAT/FAN

Speed Setting
HIGH/MID/LOW/AUTO

Sleep

Turbo

Swing Vertical

★ I feel

Health(ION) ★

Timer Setting

Fungusproof Setting ★

LED Display Setting

★ Auto Clean

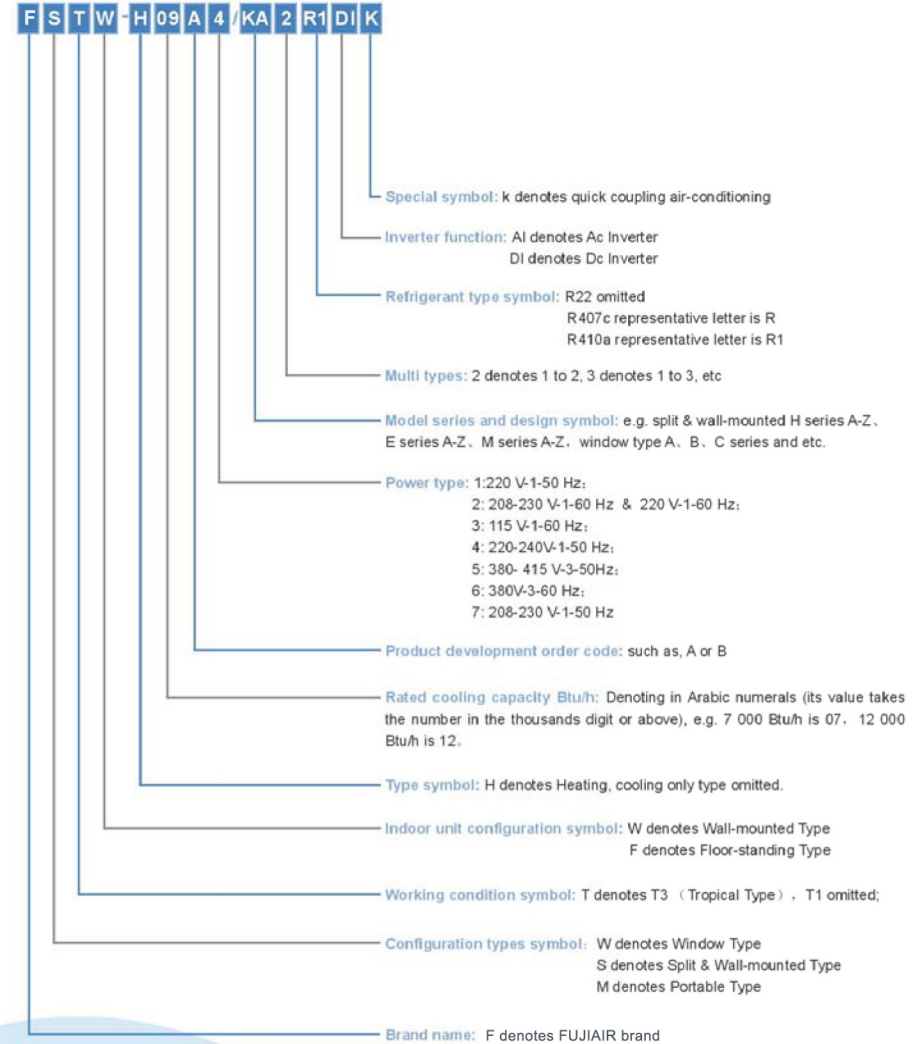
Dust Collector ★

★ Fresh air

★ Optional

Nomenclature

F S T W - H 09 A 4 / K A 2 R 1 D I K



Special symbol: k denotes quick coupling air-conditioning

Inverter function: AI denotes Ac Inverter
DI denotes Dc Inverter

Refrigerant type symbol: R22 omitted
R407c representative letter is R
R410a representative letter is R1

Multi types: 2 denotes 1 to 2, 3 denotes 1 to 3, etc

Model series and design symbol: e.g. split & wall-mounted H series A-Z,
E series A-Z, M series A-Z, window type A, B, C series and etc.

Power type: 1:220 V-1-50 Hz;
2: 208-230 V-1-60 Hz & 220 V-1-60 Hz;
3: 115 V-1-60 Hz;
4: 220-240V-1-50 Hz;
5: 380- 415 V-3-50Hz;
6: 380V-3-60 Hz;
7: 208-230 V-1-50 Hz

Product development order code: such as, A or B

Rated cooling capacity Btu/h: Denoting in Arabic numerals (its value takes
the number in the thousands digit or above), e.g. 7 000 Btu/h is 07. 12 000
Btu/h is 12.

Type symbol: H denotes Heating, cooling only type omitted.

Indoor unit configuration symbol: W denotes Wall-mounted Type
F denotes Floor-standing Type

Working condition symbol: T denotes T3 (Tropical Type) . T1 omitted;

Configuration types symbol: W denotes Window Type
S denotes Split & Wall-mounted Type
M denotes Portable Type

Brand name: F denotes FUJIAIR brand



Anion

The use of high-tech anion generator, increasing air anion content, breathe fresh air at home as enjoying the forest.

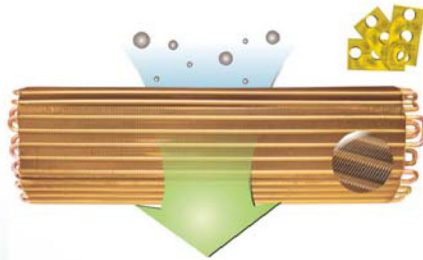
The anion with positive charge will adhere to the surface of the bacteria with negative charge, thus breaking the electrolyte balance of the bacteria. The bacteria will then die due to the damage of their cell walls. The antibacterial rate of the nano silver ion net is up to 99.98%, making you truly enjoy healthy air at home.



Golden fin

(1) The Golden Hydrophilic Fins on both evaporator and condenser, can improve heating efficiency by speed up the defrosting process and further save more power.

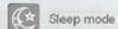
(2) The special anti corrosive coil material made of Epoxy Resin, can achieve a longer life 10 times than normal fins.



Elaborate multilayer dustproof filter net



Automatic cleaning function



Sleep mode

Intelligence defrosting



Healthy two-way wind flowing pattern (wall-mounted only)



I Feel



Golden fin



Auto-Restart



High efficiency design



High effective double anti-corrosion



Breathing Vitamin C filter



Fluorescent anti-bacterial remote control



Unique double mute technology



Elaborate multilayer dustproof filter net

Features: ■ Optional ■ Standard

VOIS series

Type		7000 BTU	9000 BTU	12000 BTU	18000 BTU
Capacity					
Cooling Capacity	Btu/h	7200	9000	12000	18000
	W	2110	2638	3517	5275
Heating Capacity	Btu/h	7600	9800	13000	20000
	W	2227	2872	3810	5862
Electrical Parts					
Power Input	Cooling W	680	845	1130	1910
	Heating W	687	910	1190	1920
Operating Current	Cooling A	3.02	3.75	5.02	8.48
	Heating A	3.05	4.05	5.28	8.53
Performance					
EER	W/W	3.1	3.12	3.11	2.76
COP	W/W	3.2	3.15	3.2	3.05
Air Flow Volume	Indoor m ³ /h	450	540	540	700
	Outdoor m ³ /h	450	540	540	700
Noise Level	Indoor dB(A)	36/32/30	37/33/31	37/33/31	38/34/32
	Outdoor dB(A)	49	51	51	53
Net Dimension & Weight					
WxHxD	Indoor mm	802x265x200	802x265x200	802x265x200	880x286x200
	Outdoor mm	600x490x250	600x490x250	760x540x280	800x590x300
Net Weight (Indoor/Outdoor)	kg	10/25	10/25	10/36	12/42
Packing Dimension & Stuffing Weight					
WxHxD	Indoor mm	900x360x295	900x360x295	900x360x295	975x390x300
	Outdoor mm	730x560x370	730x560x370	880x600x370	940x650x420
Gross Weight (Indoor/Outdoor)	kg	11.5/28	11.5/28	11.5/39	13.5/45
Applicable Area & Gross Weight					
Applicable Area	m ²	8~15	10~20	13~27	20~40
Stuffing Quantity	20/40/40H	128/255/305	128/255/305	102/217/260	88/188/210

Remarks: 1. The above designs and specifications are subject to change of product improvement without prior notice.
2. The noise level data reflects the level in anechoic chamber.

VOIS series

TROPICAL

Type		R22 220~240V 50Hz T3 work condition		R22 208~230V 60Hz T3 work condition	
		12000 BTU	18000 BTU	12000 BTU	18000 BTU
Capacity					
Cooling Capacity	Btu/h	12000	18000	12000	18000
	W	3517	5275	3517	5275
Heating Capacity	Btu/h	13000	20000	13000	20000
	W	3810	5862	3810	5862
Electrical Parts					
Power Input	Cooling W	1330	2000	1330	2000
	Heating W	1350	2000	1350	2000
Operating Current	Cooling A	5.90	8.87	5.90	8.87
	Heating A	5.99	8.87	5.99	8.87
Performance					
EER	WW	2.65	2.64	2.65	2.64
COP	WW	2.82	2.93	2.82	2.93
Air Flow Volume	Indoor m ³ /h	540	700	540	700
Noise Level	Indoor dB(A)	37/33/31	38/34/32	37/33/31	38/34/32
	Outdoor dB(A)	51	53	51	53
Net Dimension & Weight					
WxHxD	Indoor mm	802x265x200	880x286x200	802x265x200	880x286x200
	Outdoor mm	760x540x260	800x590x300	760x540x260	800x590x300
Net Weight (Indoor/Outdoor)	kg	10/37	12/44	10/37	12/44
Packing Dimension & Stuffing Weight					
WxHxD	Indoor mm	900x390x295	975x390x300	900x360x295	975x390x300
	Outdoor mm	880x600x370	940x650x420	880x600x370	940x650x420
Gross Weight (Indoor/Outdoor)	kg	11.5/38	13.5/54	11.5/38	13.5/54
Applicable Area & Gross Weight					
Applicable Area	m ²	13-27	20-40	13-27	20-40
Stuffing Quantity	20/40/40H	102/217/260	88/180/210	102/217/260	88/180/210

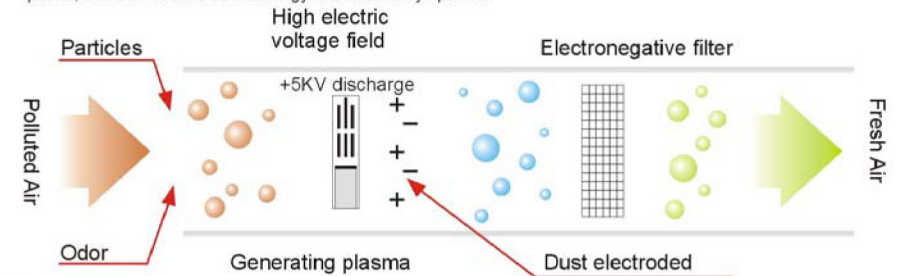
Remarks: 1. The above designs and specifications are subject to change of product improvement without prior notice.
2. The noise level data reflects the level in anechoic chamber.

PREMIUM series



Plasma

The Plasma can create an ionization zone. When the polluted air gets through the ionization zone, the microscopic contaminants can be eliminated efficiently. It can reduce not only the dust, but also smoke, house mites, pollen, pet fur, and then reduce user's allergy and asthma symptoms.



Auto-Restart

When the power is off, the unit automatically restores the previous function setting and restart when the power is on.



- Elaborate multilayer dustproof filter net
- Anion
- Plasma
- Sleep mode
- Intelligence defrosting
- Healthy two-way wind flowing pattern (wall-mounted only)
- I Feel
- Golden fin
- Auto-Restart
- Highly effective double anti-corrosion
- High efficiency design
- Breathing Vitamin C filter
- Fluorescent anti-bacterial remote control
- Unique double mute technology
- Elaborate multilayer dustproof filter net

PREMIUM series

Type		7000 BTU	9000 BTU	12000 BTU	18000 BTU	24000 BTU	
Capacity							
Cooling Capacity	Btu/h	7200	9000	12000	18000	24000	
	W	2110	2638	3517	5275	7034	
Heating Capacity	Btu/h	7600	9800	13000	20000	26400	
	W	2227	2872	3810	5862	7737	
Electrical Parts							
Power Input	Cooling	W	680	845	1130	1910	2655
	Heating	W	687	910	1190	1920	2620
Operating Current	Cooling	A	3.02	3.75	5.02	8.48	11.77
	Heating	A	3.05	4.05	5.28	8.53	11.64
Performance							
EER	W/W	3.1	3.12	3.11	2.76	2.65	
COP	W/W	3.24	3.15	3.2	3.05	2.95	
Air Flow Volume	Indoor	m ³ /h	470	470	560	950	1150
Noise Level	Indoor	dB(A)	37/32/30	37/32/30	38/33/31	45/40/38	47/42/40
	Outdoor	dB(A)	51	51	51	53	54
Net Dimension & Weight							
WxHxD	Indoor	mm	802x265x200	802x265x200	802x265x200	940X300X232	1080x300x232
	Outdoor	mm	600x490x250	600x490x250	760x540x260	800X590X300	800x690x300
Net Weight (Indoor/Outdoor)	kg	9.5/25	9.5/30	9.5/36	14/42	15/51	
Packing Dimension & Stuffing Weight							
WxHxD	Indoor	mm	900x360x295	900x360x295	900x360x295	993X360X285	1136x360x285
	Outdoor	mm	730x560x370	730x560x370	880x600x370	940X650X420	940x750x420
Gross Weight (Indoor/Outdoor)	kg	11/28	11/33	11/39	16/45	17/54	
Applicable Area & Gross Weight							
Applicable Area	m ²	8~15	10~20	13~27	20~40	30~55	
Stuffing Quantity	20/40/40H	130/260/310	130/260/310	109/220/265	80/163/185	70/135/156	

PREMIUM series

TROPICAL

R22 220~240V 50Hz T3 work condition

Type		12000 BTU	18000 BTU	24000 BTU	
Capacity					
Cooling Capacity	Btu/h	12000	18000	24000	
	W	3517	5275	7034	
Heating Capacity	Btu/h	13000	20000	26400	
	W	3810	5862	7737	
Electrical Parts					
Power Input	Cooling	W	1330	2000	2650
	Heating	W	1350	2000	2750
Operating Current	Cooling	A	5.90	8.87	11.76
	Heating	A	5.99	8.87	12.20
Performance					
EER	W/W	2.65	2.64	2.65	
COP	W/W	2.82	2.93	2.81	
Air Flow Volume	Indoor	m ³ /h	560	750	1150
Noise Level	Indoor	dB(A)	38/33/31	45/40/38	47/42/40
	Outdoor	dB(A)	51	53	54
Net Dimension & Weight					
WxHxD	Indoor	mm	802x265x200	940x300x232	1080x300x232
	Outdoor	mm	760x540x260	800x590x300	800x690x300
Net Weight (Indoor/Outdoor)	kg	9.5/37	15/44	16/53	
Packing Dimension & Stuffing Weight					
WxHxD	Indoor	mm	900x360x295	993x360x285	1136x360x285
	Outdoor	mm	880x600x370	940x650x420	940x750x420
Gross Weight (Indoor/Outdoor)	kg	13/38	17/54	18/55	
Applicable Area & Gross Weight					
Applicable Area	m ²	13~27	20~40	30~55	
Stuffing Quantity	20/40/40H	109/220/265	80/163/185	70/141/170	

PREMIUM series

TROPICAL

R22 208~230V 60Hz T3 work condition

Type		12000 BTU	18000 BTU	24000 BTU	30000 BTU
Capacity					
Cooling Capacity	Btu/h	12000	18000	24000	30000
	W	3517	5275	7034	8792
Heating Capacity	Btu/h	13000	20000	26400	32000
	W	3810	5862	7737	9379
Electrical Parts					
Power Input	Cooling W	1330	2000	2650	3400
	Heating W	1350	2000	2750	3500
Operating Current	Cooling A	5.90	8.87	11.76	15.08
	Heating A	5.99	8.87	12.20	15.53
Performance					
EER	WW	2.65	2.64	2.65	2.59
COP	WW	2.82	2.93	2.81	2.68
Air Flow Volume	Indoor m ³ /h	560	850	1000	1150
Noise Level	Indoor dB(A)	38/33/31	46/40/38	47/42/40	47/42/40
	Outdoor dB(A)	51	53	54	54
Net Dimension & Weight					
WxHxD	Indoor mm	802x265x200	940x300x232	1080x300x232	1080x300x232
	Outdoor mm	760x540x260	800x590x300	800x690x300	800x690x300
Net Weight (Indoor/Outdoor)	kg	9.5/37	15/44	16/53	17/55
Packing Dimension & Stuffing Weight					
WxHxD	Indoor mm	900x360x295	993x360x285	1136x360x285	1136x360x285
	Outdoor mm	880x600x370	940x650x420	940x750x420	940x750x420
Gross Weight (Indoor/Outdoor)	kg	13/38	17/54	18/55	19/57
Applicable Area & Gross Weight					
Applicable Area	m ²	13-27	20-40	30-55	40-67
Stuffing Quantity	20/40/40H	109/220/265	80/163/185	70/135/156	70/141/170

Remarks: 1. The above designs and specifications are subject to change of product improvement without prior notice.
2. The noise level data reflects the level in anechoic chamber.

CAESAR series



Elaborate multilayer dustproof filter net

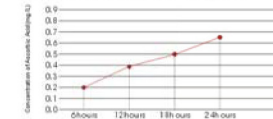
As the dimension of the dust in the air is various, the Elaborate multilayer dustproof filter net can not only filtrate big-dimension dust, but effectively filtrate tiny dust, thus make the indoor air cleaner and fresher.



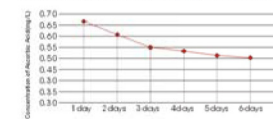
Breathing Vitamin C filter

Promote the generation of human ossein, beautify skin, delay aging, improve the effectiveness of the acne, but can also contain yellow, freckle, protect skin, making your skin more luster, health, and enhance skin immunity.

Progress of Vitamin-c emission every 6 hours



Performance of the emission in case of Continuous running



- Elaborate multilayer dustproof filter net
- I Feel
- Breathing Vitamin C filter
- Anion
- Golden fin
- Fluorescent anti-bacterial remote control
- Plasma
- Auto-Restart
- Sleep mode
- Highly effective double anti-corrosion
- Unique double mute technology
- Intelligence defrosting
- High efficiency design
- Elaborate multilayer dustproof filter net
- Healthy two-way wind flowing pattern (wall-mounted only)

Features: ■ Optional ■ Standard

CAESAR series

Type		7000 BTU	9000 BTU	12000 BTU	18000 BTU	24000 BTU	
Capacity							
Cooling Capacity	Btu/h	7200	9000	12000	18000	24000	
	W	2110	2638	3517	5275	7034	
Heating Capacity	Btu/h	7600	9800	13000	20000	26400	
	W	2227	2872	3810	5862	7737	
Electrical Parts							
Power Input	Cooling	W	680	845	1130	1910	2655
	Heating	W	687	910	1190	1920	2620
Operating Current	Cooling	A	3.02	3.75	5.02	8.48	11.77
	Heating	A	3.05	4.05	5.28	8.53	11.64
Performance							
EER	W/W	3.1	3.12	3.11	2.76	2.65	
COP	W/W	3.24	3.15	3.2	3.05	2.95	
Air Flow Volume	Indoor	m ³ /h	470	470	560	950	1150
Noise Level	Indoor	dB(A)	37/32/30	37/32/30	38/33/31	45/40/38	47/42/40
	Outdoor	dB(A)	51	51	51	53	54
Net Dimension & Weight							
WxHxD	Indoor	mm	802x265x200	802x265x200	802x265x200	940X300X232	1080x300x232
	Outdoor	mm	600x490x250	600x490x250	760x540x260	800X590X300	800x690x300
Net Weight (Indoor/Outdoor)	kg	9.5/25	9.5/30	9.5/36	14/42	15/51	
Packing Dimension & Stuffing Weight							
WxHxD	Indoor	mm	900x360x295	900x360x295	900x360x295	993X360X285	1136x360x285
	Outdoor	mm	730x560x370	880x600x370	880x600x370	940X650X420	940x750x420
Gross Weight (Indoor/Outdoor)	kg	11/28	11/33	11/39	16/45	17/54	
Applicable Area & Gross Weight							
Applicable Area	m ²	8~15	10~20	13~27	20~40	30~55	
Stuffing Quantity	20/40/40H	130/260/310	130/260/310	109/220/265	80/163/185	70/135/156	

CAESAR series

TROPICAL

R22 220~240V 50Hz T3 work condition

Type		12000 BTU	18000 BTU	24000 BTU	
Capacity					
Cooling Capacity	Btu/h	12000	18000	24000	
	W	3517	5275	7034	
Heating Capacity	Btu/h	13000	20000	26400	
	W	3810	5862	7737	
Electrical Parts					
Power Input	Cooling	W	1330	2000	2650
	Heating	W	1350	2000	2750
Operating Current	Cooling	A	5.90	8.87	11.78
	Heating	A	5.99	8.87	12.20
Performance					
EER	W/W	2.65	2.64	2.65	
COP	W/W	2.82	2.93	2.81	
Air Flow Volume	Indoor	m ³ /h	560	850	1000
Noise Level	Indoor	dB(A)	38/33/31	46/40/38	47/42/40
	Outdoor	dB(A)	51	53	54
Net Dimension & Weight					
WxHxD	Indoor	mm	802x265x200	940x300x232	1080x300x232
	Outdoor	mm	760x540x260	800x590x300	800x690x300
Net Weight (Indoor/Outdoor)	kg	9.5/37	15/44	16/53	
Packing Dimension & Stuffing Weight					
WxHxD	Indoor	mm	900x360x295	993x360x285	1136x360x285
	Outdoor	mm	880x600x370	940x650x420	940x750x420
Gross Weight (Indoor/Outdoor)	kg	13/38	17/54	18/55	
Applicable Area & Gross Weight					
Applicable Area	m ²	13~27	20~40	30~55	
Stuffing Quantity	20/40/40H	109/220/265	80/163/185	70/135/156	

CAESAR series

TROPICAL

R22 208~230V 60Hz T3 work condition

Type		12000 BTU	18000 BTU	24000 BTU
Capacity				
Cooling Capacity	Btu/h	12000	18000	24000
	W	3517	5275	7034
Heating Capacity	Btu/h	13000	20000	26400
	W	3810	5862	7737
Electrical Parts				
Power Input	Cooling W	1330	2000	2650
	Heating W	1350	2000	2750
Operating Current	Cooling A	5.90	8.87	11.76
	Heating A	5.99	8.87	12.20
Performance				
EER	WW	2.65	2.64	2.65
COP	WW	2.82	2.93	2.81
Air Flow Volume	Indoor m ³ /h	560	850	1000
Noise Level	Indoor dB(A)	38/33/31	46/40/38	47/42/40
	Outdoor dB(A)	51	53	54
Net Dimension & Weight				
WxHxD	Indoor mm	802x265x200	940x300x232	1080x300x232
	Outdoor mm	760x540x260	800x590x300	800x690x300
Net Weight (Indoor/Outdoor)	kg	9.5/37	15/44	16/53
Packing Dimension & Stuffing Weight				
WxHxD	Indoor mm	900x360x295	993x360x285	1136x360x285
	Outdoor mm	880x600x370	940x650x420	940x750x420
Gross Weight (Indoor/Outdoor)	kg	13/38	17/54	18/55
Applicable Area & Gross Weight				
Applicable Area	m ²	13-27	20-40	30-55
Stuffing Quantity	20/40/40H	109/220/265	80/163/185	70/135/156

Remarks: 1. The above designs and specifications are subject to change of product improvement without prior notice.
2. The noise level data reflects the level in anechoic chamber.

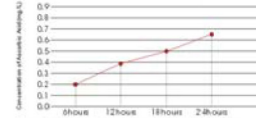
SHE-RA series



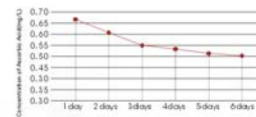
Breathing Vitamin C filter

Promote the generation of human ossein, beautify skin, delay aging, improve the effectiveness of the acne, but can also contain yellow, freckle, protect skin, making your skin more luster, health, and enhance skin immunity.

Progress of Vitamin-c emission every 6 hours



Performance of the emission in case of Continuous running



I Feel

The wisdom eye of the adjustment room temperature, you will forever stay in the best temperature environment, the actual realization of the "Win With people moving."



Elaborate multilayer dustproof filter net

Anion

Automatic cleaning function

Sleep mode

Intelligence defrosting

Healthy two-way wind flowing pattern (wall-mounted only)

I Feel

Golden fin

Auto-Restart

Highly effective double anti-corrosion

High efficiency design

Breathing Vitamin C filter

Fluorescent anti-bacterial remote control

Unique double mute technology

Elaborate multilayer dustproof filter net

SHE-RA series

Type		7000 BTU	9000 BTU	12000 BTU	18000 BTU	24000 BTU	30000 BTU	36000 BTU	
Capacity									
Cooling Capacity	Btu/h	7200	9000	12000	18000	24000	30000	35000	
	W	2110	2638	3517	5275	7034	8792	10258	
Heating Capacity	Btu/h	7600	9800	13000	20000	26400	32000	38000	
	W	2227	2872	3810	5862	7737	9379	11137	
Electrical Parts									
Power Input	Cooling	W	680	845	1130	1910	2655	3395	4050
	Heating	W	687	910	1190	1920	2620	3540	4200
Operating Current	Cooling	A	3.02	3.75	5.02	8.48	11.77	15.06	18
	Heating	A	3.05	4.05	5.28	8.53	11.64	15.7	18.6
Performance									
EER	W/W	3.1	3.12	3.11	2.76	2.65	2.59	2.52	
COP	W/W	3.2	3.15	3.2	3.05	2.95	2.85	2.65	
Air Flow Volume	Indoor	m ³ /h	450	450	540	950	1150	1250	
Noise Level	Indoor	dB(A)	37/32/30	37/32/30	38/33/31	45/40/38	47/42/40	51/46/44	51/46/44
	Outdoor	dB(A)	49	51	51	53	54	56	56
Net Dimension & Weight									
WxHxD	Indoor	mm	802x265x190	802x265x190	802x265x190	940x300x220	1080x300x200	1310x322x235	1310x322x235
	Outdoor	mm	600x490x250	600x490x250	760x540x260	800x590x300	800x690x300	902x795x332	900x860x330
Net Weight (Indoor/Outdoor)	kg	9.5/25	9.5/30	11.5/36	14/42	15/51	22/65	22/78	
Packing Dimension & Stuffing Weight									
WxHxD	Indoor	mm	900x360x295	860x325x255	935x350x270	993x360x285	1136x360x285	1420x440x380	1420x440x380
	Outdoor	mm	730x560x370	730x560x370	880x600x370	940x650x420	940x750x420	1030x860x430	1040x890x450
Gross Weight (Indoor/Outdoor)	kg	11/28	11/33	13/39	16/45	17/54	24/77	24/90	
Applicable Area & Gross Weight									
Applicable Area	m ²	8-15	10-20	13-27	20-40	30-55	40-67	50-75	
Stuffing Quantity	20/40/40H	130/260/310	130/260/310	109/220/265	80/163/185	72/141/170	45/93/114	44/90/100	

Remarks: 1. The above designs and specifications are subject to change of product improvement without prior notice.
2. The noise level data reflects the level in anechoic chamber.

SHE-RA series

TROPICAL

R22 220~240V 50Hz T3 work condition

Type		12000 BTU	18000 BTU	24000 BTU	30000 BTU	36000 BTU	
Capacity							
Cooling Capacity	Btu/h	12000	18000	24000	30000	35000	
	W	3517	5275	7034	8792	10258	
Heating Capacity	Btu/h	13000	20000	26400	32000	38000	
	W	3810	5862	7737	9379	11137	
Electrical Parts							
Power Input	Cooling	W	1330	2000	2650	3400	4100
	Heating	W	1350	2000	2750	3500	4400
Operating Current	Cooling	A	5.90	8.87	11.76	15.08	18.12
	Heating	A	5.99	8.87	12.20	15.53	19.52
Performance							
EER	W/W	2.65	2.64	2.65	2.59	2.50	
COP	W/W	2.82	2.93	2.81	2.68	2.53	
Air Flow Volume	Indoor	m ³ /h	540	950	1150	1000	1250
Noise Level	Indoor	dB(A)	38/33/31	45/40/38	47/42/40	47/42/40	51/46/44
	Outdoor	dB(A)	51	53	54	54	56
Net Dimension & Weight							
WxHxD	Indoor	mm	802x265x190	940x300x220	1080x300x220	1095x312x205	1310x322x240
	Outdoor	mm	760x540x260	800x590x300	800x690x300	800x690x300	902x795x332
Net Weight (Indoor/Outdoor)	kg	9.5/37	14/44	15/53	17/55	22/74	
Packing Dimension & Stuffing Weight							
WxHxD	Indoor	mm	860x325x255	993x360x285	1136x360x285	1160x375x275	1420x440x380
	Outdoor	mm	880x600x370	940x650x420	940x750x420	940x750x420	1030x860x430
Gross Weight (Indoor/Outdoor)	kg	11/38	16/54	17/55	19/57	24/77	
Applicable Area & Gross Weight							
Applicable Area	m ²	13-27	20-40	30-55	40-67	50-75	
Stuffing Quantity	20/40/40H	109/220/265	80/163/185	72/141/170	70/140/170	45/93/114	

Remarks: 1. The above designs and specifications are subject to change of product improvement without prior notice.
2. The noise level data reflects the level in anechoic chamber.

SHE-RA series

TROPICAL

R22 208~230V 60Hz T3 work condition

Type		12000 BTU	18000 BTU	24000 BTU	30000 BTU	36000 BTU	
Capacity							
Cooling Capacity	Btu/h	12000	18000	24000	30000	35000	
	W	3517	5275	7034	8792	10258	
Heating Capacity	Btu/h	13000	20000	26400	32000	38000	
	W	3810	5882	7737	9379	11137	
Electrical Parts							
Power Input	Cooling	W	1330	2000	2650	3400	4100
	Heating	W	1350	2000	2750	3500	4400
Operating Current	Cooling	A	5.90	8.87	11.76	15.08	18.12
	Heating	A	5.99	8.87	12.20	15.53	19.52
Performance							
EER	WW	2.65	2.64	2.65	2.59	2.50	
COP	WW	2.82	2.93	2.81	2.68	2.53	
Air Flow Volume	Indoor	m ³ /h	500	950	1150	1000	1250
Noise Level	Indoor	dB(A)	38/33/31	46/40/38	47/42/40	47/42/40	51/46/44
	Outdoor	dB(A)	51	53	54	54	56
Net Dimension & Weight							
WxHxD	Indoor	mm	802x265x190	940x300x220	1080x300x220	1095x312x205	1310x322x240
	Outdoor	mm	760x540x260	800x590x300	800x690x300	800x690x300	902x795x332
Net Weight (Indoor/Outdoor)	kg	9.5/37	14/44	15/53	17/55	23/74	
Packing Dimension & Stuffing Weight							
WxHxD	Indoor	mm	900x360x295	993x360x285	1136x360x285	1160x375x275	1420x440x380
	Outdoor	mm	880x600x370	940x650x420	940x750x420	940x750x420	1030x860x430
Gross Weight (Indoor/Outdoor)	kg	11/38	16/54	17/55	19/57	25/77	
Applicable Area & Gross Weight							
Applicable Area	m ²	13-27	20-40	30-55	40-67	50-75	
Stuffing Quantity	20/40/40H	109/220/265	109/220/265	72/141/170	70/140/170	45/93/114	

Remarks: 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.

QUEEN series



Anion

The use of high-tech anion generator, increasing air anion content, breathe fresh air at home as enjoying the forest.

The anion with positive charge will adhere to the surface of the bacteria with negative charge, thus breaking the electrolyte balance of the bacteria. The bacteria will then die due to the damage of their cell walls. The antibacterial rate of the nano silver ion net is up to 99.98%, making you truly enjoy healthy air at home.



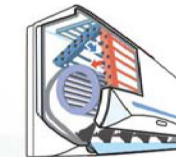
Automatic cleaning function

After using the air conditioner for a long time, the evaporator and the internal wind path will be full of dust and bacteria. If they are not cleaned, the wind flowed out will affect the RAQ and human health. The automatic cleaning function uses advanced electronic technique and can achieve the aim of cleaning the air conditioner itself automatically.

Purification comes from core, overall protection

Make use of hot-wind-dry motor to clean the indoor unit, to avoid creation of bacterium because of humidity when the air-conditioner is not used and achieve the effect of anti-mildew.

When turning off the unit after cooling, it will automatically dry the remaining water in the indoor unit and keep the unit from mildew.



Elaborate multilayer dustproof filter net



Anion



Automatic cleaning function



Sleep mode



Intelligence defrosting



I Feel



Golden fin



Auto-Restart



Highly effective double anti-corrosion



Healthy two-way wind flowing pattern (wall-mounted only)



Breathing Vitamin C filter



Fluorescent anti-bacterial remote control



Elaborate multilayer dustproof filter net

Features: ■ Optional ■ Standard

QUEEN series

Type		7000 BTU	9000 BTU	12000 BTU	18000 BTU	24000 BTU	30000 BTU	36000 BTU	
Capacity									
Cooling Capacity	Btu/h	7200	9000	12000	18000	24000	30000	36000	
	W	2110	2638	3517	5275	7034	8792	10550	
Heating Capacity	Btu/h	7500	9800	13100	20000	26400	32000	38000	
	W	2198	2872	3839	5862	7737	9379	11137	
Electrical Parts									
Power Input	Cooling	W	740	940	1220	1910	2655	3395	4180
	Heating	W	720	960	1246	1980	2715	3360	4200
Operating Current	Cooling	A	3.28	4.18	5.42	8.48	11.78	15.06	18
	Heating	A	3.2	4.25	5.53	8.8	12.05	14.9	18.6
Performance									
EER	W/W	2.85	2.8	2.88	2.76	2.65	2.59	2.52	
COP	W/W	3.05	3	3.08	2.96	2.85	2.79	2.65	
Air Flow Volume	Indoor	m ³ /h	420	420	580	850	1000	1250	1250
Noise Level	Indoor	dB(A)	37/32/30	37/32/30	38/33/31	46/40/38	47/42/40	51/46/44	51/46/44
	Outdoor	dB(A)	49	51	51	53	54	56	56
Net Dimension & Weight									
WxHxD	Indoor	mm	680x250x210	745x250x210	745x250x210	1095x312x205	1095x312x205	1310x322x240	1310x322x240
	Outdoor	mm	600x490x250	760x540x260	760x540x260	800x590x300	800x590x300	902x795x332	900x860x330
Net Weight (Indoor/Outdoor)	kg	9/25	9/30	9.5/36	14.5/42	15/51	22/65	22/78	
Packing Dimension & Stuffing Weight									
WxHxD	Indoor	mm	740x320x280	800x320x280	800x320x280	1160x375x275	1160x375x275	1420x440x380	1420x440x380
	Outdoor	mm	730x560x370	880x600x370	880x600x370	940x650x420	940x750x420	1030x860x430	1040x890x450
Gross Weight (Indoor/Outdoor)	kg	10.5/28	10.5/33	11/39	16.5/45	17/55	24/77	24/90	
Applicable Area & Gross Weight									
Applicable Area	m ²	8-15	10-20	13-27	20-40	30-55	40-67	50-75	
Stuffing Quantity	20/40/40H	130/260/315	110/230/265	110/230/265	75/150/185	70/140/170	45/93/114	44/90/100	

Remarks: 1. The above designs and specifications are subject to change of product improvement without prior notice.
2. The noise level data reflects the level in anechoic chamber.

QUEEN series

TROPICAL

R22 220~240V 50Hz T3 work condition

Type		12000 BTU	18000 BTU	24000 BTU	30000 BTU	36000 BTU	
Capacity							
Cooling Capacity	Btu/h	12000	18000	24000	30000	36000	
	W	3517	5275	7034	8792	10550	
Heating Capacity	Btu/h	13000	20000	26400	32000	38000	
	W	3810	5862	7737	9379	11137	
Electrical Parts							
Power Input	Cooling	W	1330	2000	2650	3400	4220
	Heating	W	1350	2000	2750	3500	4400
Operating Current	Cooling	A	5.90	8.87	11.76	15.08	18.12
	Heating	A	5.99	8.87	12.20	15.53	19.52
Performance							
EER	W/W	2.65	2.64	2.65	2.59	2.50	
COP	W/W	2.82	2.93	2.81	2.68	2.53	
Air Flow Volume	Indoor	m ³ /h	500	850	1000	1000	1250
Noise Level	Indoor	dB(A)	38/33/31	46/40/38	47/42/40	47/42/40	51/46/44
	Outdoor	dB(A)	51	53	54	54	56
Net Dimension & Weight							
WxHxD	Indoor	mm	745x250x210	1095x312x205	1095x312x205	1095x312x205	1310x322x240
	Outdoor	mm	760x540x260	800x590x300	800x690x300	800x690x300	902x795x332
Net Weight (Indoor/Outdoor)	kg	9.5/37	15/44	16/53	17/55	22/74	
Packing Dimension & Stuffing Weight							
WxHxD	Indoor	mm	800x320x280	1160x375x275	1160x375x275	1160x375x275	1420x440x380
	Outdoor	mm	880x600x370	940x650x420	940x750x420	940x750x420	1030x860x430
Gross Weight (Indoor/Outdoor)	kg	11/38	17/54	18/55	19/57	24/77	
Applicable Area & Gross Weight							
Applicable Area	m ²	13-27	20-40	30-55	40-67	50-75	
Stuffing Quantity	20/40/40H	110/230/265	75/150/185	70/140/170	70/140/170	45/93/114	

Remarks: 1. The above designs and specifications are subject to change of product improvement without prior notice.
2. The noise level data reflects the level in anechoic chamber.

QUEEN series

TROPICAL

R22 208~230V 60Hz T3 work condition

Type		12000 BTU	18000 BTU	24000 BTU	30000 BTU	36000 BTU	
Capacity							
Cooling Capacity	Btu/h	12000	18000	24000	30000	36000	
	W	3517	5275	7034	8792	10550	
Heating Capacity	Btu/h	13000	20000	26400	32000	38000	
	W	3810	5882	7737	9379	11137	
Electrical Parts							
Power Input	Cooling	W	1330	2000	2650	3400	4220
	Heating	W	1350	2000	2750	3500	4400
Operating Current	Cooling	A	5.90	8.87	11.76	15.08	18.12
	Heating	A	5.99	8.87	12.20	15.53	19.52
Performance							
EER	WW	2.65	2.64	2.65	2.59	2.50	
COP	WW	2.82	2.93	2.81	2.68	2.53	
Air Flow Volume	Indoor	m ³ /h	500	850	1000	1000	1250
Noise Level	Indoor	dB(A)	38/33/31	46/40/38	47/42/40	47/42/40	51/46/44
	Outdoor	dB(A)	51	53	54	54	56
Net Dimension & Weight							
WxHxD	Indoor	mm	745x250x210	1095x312x205	1095x312x205	1095x312x205	1310x322x240
	Outdoor	mm	760x540x260	800x590x300	800x690x300	800x690x300	902x795x332
Net Weight (Indoor/Outdoor)	kg	9.5/37	15/44	16/53	17/55	22/74	
Packing Dimension & Stuffing Weight							
WxHxD	Indoor	mm	800x320x280	1160x375x275	1160x375x275	1160x375x275	1420x440x380
	Outdoor	mm	880x600x370	940x650x420	940x750x420	940x750x420	1030x860x430
Gross Weight (Indoor/Outdoor)	kg	11/38	17/54	18/55	19/57	24/77	
Applicable Area & Gross Weight							
Applicable Area	m ²	13-27	20-40	30-55	40-67	50-75	
Stuffing Quantity	20/40/40H	110/230/265	75/150/185	70/140/170	70/140/170	45/93/114	

Remarks: 1. The above designs and specifications are subject to change of product improvement without prior notice.
2. The noise level data reflects the level in anechoic chamber.

ELITE series



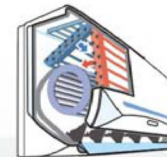
Automatic cleaning function

After using the air conditioner for a long time, the evaporator and the internal wind path will be full of dust and bacteria. If they are not cleaned, the wind flowed out will affect the RAQ and human health. The automatic cleaning function uses advanced electronic technique and can achieve the aim of cleaning the air conditioner itself automatically.

Purification comes from core, overall protection

Make use of hot-wind-dry motor to clean the indoor unit, to avoid creation of bacterium because of humidity when the air-conditioner is not used and achieve the effect of anti-mildew.

When turning off the unit after cooling, it will automatically dry the remaining water in the indoor unit and keep the unit from mildew.



Elaborate multilayer dustproof filter net



Anion



Automatic cleaning function



Sleep mode



Healthy two-way wind flowing pattern (wall-mounted only)



I Feel



Golden fin



Auto-Restart



Elaborate multilayer dustproof filter net



Breathing Vitamin C filter



Fluorescent anti-bacterial remote control



Intelligence defrosting

Features: ■ Optional ■ Standard

ELITE series

Type		7000 BTU	9000 BTU	12000 BTU	18000 BTU	24000 BTU	30000 BTU	36000 BTU	
Capacity									
Cooling Capacity	Btu/h	7200	9000	12000	18000	24000	30000	36000	
	W	2110	2638	3517	5275	7034	8792	10550	
Heating Capacity	Btu/h	7500	9800	13100	20000	26400	32000	38000	
	W	2198	2872	3839	5862	7737	9379	11137	
Electrical Parts									
Power Input	Cooling	W	740	940	1220	1910	2655	3395	4180
	Heating	W	720	960	1246	1980	2715	3360	4200
Operating Current	Cooling	A	3.28	4.18	5.42	8.48	11.78	15.06	18
	Heating	A	3.2	4.25	5.53	8.8	12.05	14.9	18.6
Performance									
EER	W/W	2.85	2.8	2.88	2.76	2.65	2.59	2.52	
COP	W/W	3.05	3	3.08	2.96	2.85	2.79	2.65	
Air Flow Volume	Indoor	m ³ /h	420	420	580	850	1000	1250	1250
Noise Level	Indoor	dB(A)	37/32/30	37/32/30	38/33/31	46/40/38	47/42/40	51/46/44	51/46/44
	Outdoor	dB(A)	49	51	51	53	54	56	56
Net Dimension & Weight									
WxHxD	Indoor	mm	680x250x210	745x250x210	745x250x210	1095x312x205	1095x312x205	1310x322x240	1310x322x240
	Outdoor	mm	600x490x250	760x540x260	760x540x260	800x590x300	800x690x300	902x795x332	900x860x330
Net Weight (Indoor/Outdoor)	kg	9/25	9/30	9.5/36	14.5/42	15/51	22/65	22/78	
Packing Dimension & Stuffing Weight									
WxHxD	Indoor	mm	740x320x280	800x320x280	800x320x280	1160x375x275	1160x375x275	1420x440x380	1420x440x380
	Outdoor	mm	730x560x370	880x600x370	880x600x370	940x650x420	940x750x420	1030x860x430	1040x890x450
Gross Weight (Indoor/Outdoor)	kg	10.5/28	10.5/33	11/39	16.5/45	17/55	24/77	24/90	
Applicable Area & Gross Weight									
Applicable Area	m ²	8-15	10-20	13-27	20-40	30-55	40-67	50-75	
Stuffing Quantity	20/40/40H	130/260/315	110/230/265	110/230/265	75/150/185	70/140/170	45/93/114	44/90/100	

Remarks: 1. The above designs and specifications are subject to change of product improvement without prior notice.
2. The noise level data reflects the level in anechoic chamber.

ELITE series

TROPICAL

R22 220~240V 50Hz T3 work condition

Type		12000 BTU	18000 BTU	24000 BTU	30000 BTU	36000 BTU	
Capacity							
Cooling Capacity	Btu/h	12000	18000	24000	30000	36000	
	W	3517	5275	7034	8792	10550	
Heating Capacity	Btu/h	13000	20000	26400	32000	38000	
	W	3810	5862	7737	9379	11137	
Electrical Parts							
Power Input	Cooling	W	1330	2000	2650	3400	4220
	Heating	W	1350	2000	2750	3500	4400
Operating Current	Cooling	A	5.90	8.87	11.76	15.08	18.12
	Heating	A	5.99	8.87	12.20	15.53	19.52
Performance							
EER	W/W	2.65	2.64	2.65	2.59	2.50	
COP	W/W	2.82	2.93	2.81	2.68	2.53	
Air Flow Volume	Indoor	m ³ /h	500	850	1000	1000	1250
Noise Level	Indoor	dB(A)	38/33/31	46/40/38	47/42/40	47/42/40	51/46/44
	Outdoor	dB(A)	51	53	54	54	56
Net Dimension & Weight							
WxHxD	Indoor	mm	745x250x210	1095x312x205	1095x312x205	1095x312x205	1310x322x240
	Outdoor	mm	760x540x260	800x590x300	800x690x300	800x690x300	902x795x332
Net Weight (Indoor/Outdoor)	kg	9.5/37	15/44	16/53	17/55	22/74	
Packing Dimension & Stuffing Weight							
WxHxD	Indoor	mm	800x320x280	1160x375x275	1160x375x275	1160x375x275	1420x440x380
	Outdoor	mm	880x600x370	940x650x420	940x750x420	940x750x420	1030x860x430
Gross Weight (Indoor/Outdoor)	kg	11/38	17/54	18/55	19/57	24/77	
Applicable Area & Gross Weight							
Applicable Area	m ²	13-27	20-40	30-55	40-67	50-75	
Stuffing Quantity	20/40/40H	110/230/265	75/150/185	70/140/170	70/140/170	45/93/114	

Remarks: 1. The above designs and specifications are subject to change of product improvement without prior notice.
2. The noise level data reflects the level in anechoic chamber.

ELITE series

TROPICAL

R22 208~230V 60Hz T3 work condition

Type		12000 BTU	18000 BTU	24000 BTU	30000 BTU	36000 BTU	
Capacity							
Cooling Capacity	Btu/h	12000	18000	24000	30000	36000	
	W	3517	5275	7034	8792	10550	
Heating Capacity	Btu/h	13000	20000	26400	32000	38000	
	W	3810	5882	7737	9379	11137	
Electrical Parts							
Power Input	Cooling	W	1330	2000	2650	3400	4220
	Heating	W	1350	2000	2750	3500	4400
Operating Current	Cooling	A	5.90	8.87	11.76	15.08	18.12
	Heating	A	5.99	8.87	12.20	15.53	19.52
Performance							
EER	WW	2.65	2.64	2.65	2.59	2.50	
COP	WW	2.82	2.93	2.81	2.68	2.53	
Air Flow Volume	Indoor	m ³ /h	500	850	1000	1000	1250
Noise Level	Indoor	dB(A)	38/33/31	46/40/38	47/42/40	47/42/40	51/46/44
	Outdoor	dB(A)	51	53	54	54	56
Net Dimension & Weight							
WxHxD	Indoor	mm	745x250x210	1095x312x205	1095x312x205	1095x312x205	1310x322x240
	Outdoor	mm	760x540x260	800x590x300	800x690x300	800x690x300	902x795x332
Net Weight (Indoor/Outdoor)	kg	9.5/37	15/44	16/53	17/55	22/74	
Packing Dimension & Stuffing Weight							
WxHxD	Indoor	mm	800x320x280	1160x375x275	1160x375x275	1160x375x275	1420x440x380
	Outdoor	mm	880x600x370	940x650x420	940x750x420	940x750x420	1030x860x430
Gross Weight (Indoor/Outdoor)	kg	11/38	17/54	18/55	19/57	24/77	
Applicable Area & Gross Weight							
Applicable Area	m ²	13-27	20-40	30-55	40-67	50-75	
Stuffing Quantity	20/40/40H	110/230/265	75/150/185	70/140/170	70/140/170	45/93/114	

Remarks: 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.

ECO series



Elaborate multilayer dustproof filter net

As the dimension of the dust in the air is various, the Elaborate multilayer dustproof filter net can not only filtrate big-dimension dust, but effectively filtrate tiny dust, thus make the indoor air cleaner and fresher.



-  Elaborate multilayer dustproof filter net
-  I Feel
-  Breathing Vitamin C filter
-  Anion
-  Golden fin
-  Fluorescent anti-bacterial remote control
-  Automatic cleaning function
-  Auto-Restart
-  Sleep mode
-  Highly effective double anti-corrosion
-  Elaborate multilayer dustproof filter net
-  Intelligence defrosting
-  Healthy two-way wind fowing pattern (wall-mounted only)

Features: ■ Optional ■ Standard

ECO series

Type		7000 BTU	9000 BTU	12000 BTU	18000 BTU	24000 BTU	30000 BTU	36000 BTU	
Capacity									
Cooling Capacity	Btu/h	7200	9000	12000	18000	24000	30000	36000	
	W	2110	2638	3517	5275	7034	8792	10550	
Heating Capacity	Btu/h	7500	9800	13100	20000	26400	32000	38000	
	W	2198	2872	3839	5862	7737	9379	11137	
Electrical Parts									
Power Input	Cooling	W	740	940	1220	1910	2655	3395	4180
	Heating	W	720	960	1246	1980	2715	3360	4200
Operating Current	Cooling	A	3.28	4.18	5.42	8.48	11.78	15.06	18
	Heating	A	3.2	4.25	5.53	8.8	12.05	14.9	18.6
Performance									
EER	W/W	2.85	2.8	2.88	2.76	2.65	2.59	2.52	
COP	W/W	3.05	3	3.08	2.96	2.85	2.79	2.65	
Air Flow Volume	Indoor	m ³ /h	420	420	580	850	1000	1250	1250
Noise Level	Indoor	dB(A)	37/32/30	37/32/30	38/33/31	46/40/38	47/42/40	51/46/44	51/46/44
	Outdoor	dB(A)	49	51	51	53	54	56	56
Net Dimension & Weight									
WxHxD	Indoor	mm	680x250x180	745x250x210	745x250x210	1095x312x205	1095x312x205	1310x322x240	1310x322x240
	Outdoor	mm	600x490x250	760x540x260	760x540x260	800x590x300	800x690x300	902x795x332	900x860x330
Net Weight (Indoor/Outdoor)	kg	9/25	9/30	9.5/36	14.5/42	15/51	22/65	22/78	
Packing Dimension & Stuffing Weight									
WxHxD	Indoor	mm	740x320x280	800x320x280	800x320x280	1160x375x275	1160x375x275	1420x440x380	1420x440x380
	Outdoor	mm	730x560x370	880x600x370	880x600x370	940x650x420	940x750x420	1030x860x430	1040x890x450
Gross Weight (Indoor/Outdoor)	kg	10.5/28	10.5/33	11/39	16.5/45	17/55	24/77	24/90	
Applicable Area & Gross Weight									
Applicable Area	m ²	8-15	10-20	13-27	20-40	30-55	40-67	50-75	
Stuffing Quantity	20/40/40H	130/260/315	110/230/265	110/230/265	75/150/185	70/140/170	45/93/114	44/90/100	

Remarks: 1. The above designs and specifications are subject to change of product improvement without prior notice.
2. The noise level data reflects the level in anechoic chamber.

ECO series

TROPICAL

R22 220~240V 50Hz T3 work condition

Type		12000 BTU	18000 BTU	24000 BTU	30000 BTU	36000 BTU	
Capacity							
Cooling Capacity	Btu/h	12000	18000	24000	30000	36000	
	W	3517	5275	7034	8792	10550	
Heating Capacity	Btu/h	13000	20000	26400	32000	38000	
	W	3810	5862	7737	9379	11137	
Electrical Parts							
Power Input	Cooling	W	1330	2000	2650	3400	4220
	Heating	W	1350	2000	2750	3500	4400
Operating Current	Cooling	A	5.90	8.87	11.76	15.08	18.12
	Heating	A	5.99	8.87	12.20	15.53	19.52
Performance							
EER	W/W	2.65	2.64	2.65	2.59	2.50	
COP	W/W	2.82	2.93	2.81	2.68	2.53	
Air Flow Volume	Indoor	m ³ /h	500	850	1000	1000	1250
Noise Level	Indoor	dB(A)	38/33/31	46/40/38	47/42/40	47/42/40	51/46/44
	Outdoor	dB(A)	51	53	54	54	56
Net Dimension & Weight							
WxHxD	Indoor	mm	745x250x210	1095x312x205	1095x312x205	1095x312x205	1310x322x240
	Outdoor	mm	760x540x260	800x590x300	800x690x300	800x690x300	902x795x332
Net Weight (Indoor/Outdoor)	kg	9.5/37	15/44	16/53	17/55	22/74	
Packing Dimension & Stuffing Weight							
WxHxD	Indoor	mm	800x320x280	1160x375x275	1160x375x275	1160x375x275	1420x440x380
	Outdoor	mm	880x600x370	940x650x420	940x750x420	940x750x420	1030x860x430
Gross Weight (Indoor/Outdoor)	kg	11/38	17/54	18/55	19/57	24/77	
Applicable Area & Gross Weight							
Applicable Area	m ²	13-27	20-40	30-55	40-67	50-75	
Stuffing Quantity	20/40/40H	110/230/265	75/150/185	70/140/170	70/140/170	44/93/114	

Remarks: 1. The above designs and specifications are subject to change of product improvement without prior notice.
2. The noise level data reflects the level in anechoic chamber.

ECO series

TROPICAL

R22 208~230V 60Hz T3 work condition

Type		12000 BTU	18000 BTU	24000 BTU	30000 BTU	36000 BTU	
Capacity							
Cooling Capacity	Btu/h	12000	18000	24000	30000	36000	
	W	3517	5275	7034	8792	10550	
Heating Capacity	Btu/h	13000	20000	26400	32000	38000	
	W	3810	5862	7737	9379	11137	
Electrical Parts							
Power Input	Cooling	W	1330	2000	2650	3400	4220
	Heating	W	1350	2000	2750	3500	4400
Operating Current	Cooling	A	5.90	8.87	11.76	15.08	18.12
	Heating	A	5.99	8.87	12.20	15.53	19.52
Performance							
EER	W/W	2.65	2.64	2.65	2.59	2.50	
COP	W/W	2.82	2.93	2.81	2.68	2.53	
Air Flow Volume	Indoor	m ³ /h	500	850	1000	1000	1250
Noise Level	Indoor	dB(A)	38/33/31	46/40/38	47/42/40	47/42/40	51/46/44
	Outdoor	dB(A)	51	53	54	54	56
Net Dimension & Weight							
WxHxD	Indoor	mm	745x250x210	1095x312x205	1095x312x205	1095x312x205	1310x322x240
	Outdoor	mm	760x540x260	800x590x300	800x690x300	800x690x300	902x795x332
Net Weight (Indoor/Outdoor)	kg	9.5/37	15/44	16/53	17/55	22/74	
Packing Dimension & Stuffing Weight							
WxHxD	Indoor	mm	800x320x280	1160x375x275	1160x375x275	1160x375x275	1420x440x380
	Outdoor	mm	880x600x370	940x650x420	940x750x420	940x750x420	1030x860x430
Gross Weight (Indoor/Outdoor)	kg	11/38	17/54	18/55	19/57	24/77	
Applicable Area & Gross Weight							
Applicable Area	m ²	13-27	20-40	30-55	40-67	50-75	
Stuffing Quantity	20/40/40H	110/230/265	75/150/185	70/140/170	70/140/170	45/93/114	



SHE-RA series

Type		9000 BTU	12000 BTU	18000 BTU	18000 BTU	22000 BTU	24000 BTU	
Capacity								
Cooling Capacity	Btu/h	9000	12000	16000	18000	22000	24000	
	W	2700	3700	5100	5300	6100	7000	
Heating Capacity	Btu/h	\	\	\	\	\	\	
	W	\	\	\	\	\	\	
Electrical Parts								
Power Input	Cooling	W	931	1298	1789	1827	2118	2447
	Heating	W	\	\	\	\	\	\
Operating Current	Cooling	A	4	5.5	7.6	8.4	9.3	10.6
	Heating	A	\	\	\	\	\	\
Performance								
EER	W/W	2.90	2.85	2.85	2.90	2.88	2.86	
COP	W/W	\	\	\	\	\	\	
Air Flow Volume	Indoor	m ³ /h	540	700	720	950	1000	1200
Noise Level	Indoor	dB(A)	38/33/31	39/34/32	39/34/32	45/40/38	47/42/40	49/44/42
	Outdoor	dB(A)	51	51	54	52	54	54
Net Dimension & Weight								
WxHxD	Indoor	mm	802x265x190	880x286x203	880x286x203	940x300x220	1095x312x215	1185x322x235
	Outdoor	mm	760x260x540	760x260x540	800x300x690	790x548x277	800x300x690	800x300x690
Net Weight (Indoor/Outdoor)	kg	9.5/26	11.5/32	11.5/42	14/45	15/51	19/52	
Packing Dimension & Stuffing Weight								
WxHxD	Indoor	mm	860x325x255	935x350x270	935x350x270	993x360x285	1160x375x275	1300x440x380
	Outdoor	mm	880x600x370	880x600x370	940x750x420	910x600x385	940x750x420	940x750x420
Gross Weight (Indoor/Outdoor)	kg	11/29	13/35	13/45	16/49	17/55	21/56	
Applicable Area & Gross Weight								
Applicable Area	m ²	10-20	13-27	20-40	20-40	30-50	30-55	
Stuffing Quantity	20/40/40H	109/220/265	105/204/255	75/152/174	90/182/210	70/140/170	60/120/140	



SHE-RA series

Type		12000 BTU	18000 BTU	22000 BTU	
Capacity					
Cooling Capacity	Btu/h	12000	18000	22000	
	W	3500	5300	6300	
Heating Capacity	Btu/h	\	\	\	
	W	\	\	\	
Electrical Parts					
Power Input	Cooling	W	1151	1720	2058
	Heating	W	\	\	\
Operating Current	Cooling	A	5	8.1	9.5
	Heating	A	\	\	\
Performance					
EER	W/W	3.04	3.08	3.06	
COP	W/W	\	\	\	
Air Flow Volume	Indoor	m ³ /h	720	950	1150
Noise Level	Indoor	dB(A)	39/34/32	45/40/38	47/42/40
	Outdoor	dB(A)	51	52	54
Net Dimension & Weight					
WxHxD	Indoor	mm	880x280x208	940x300x232	1080x300x232
	Outdoor	mm	760x540x260	790x548x277	800x690x300
Net Weight (Indoor/Outdoor)	kg	11.5/32	14/45	15/52	
Packing Dimension & Stuffing Weight					
WxHxD	Indoor	mm	935x350x270	993x360x285	1136x360x285
	Outdoor	mm	880x600x370	910x600x385	940x750x420
Gross Weight (Indoor/Outdoor)	kg	13/35	16/49	17/56	
Applicable Area & Gross Weight					
Applicable Area	m ²	13-27	20-40	30-50	
Stuffing Quantity	20/40/40H	105/204/255	90/182/210	70/135/156	



PREMIUM / CAESAR series

Type		12000 BTU	18000 BTU	22000 BTU	
Capacity					
Cooling Capacity	Btu/h	12000	18000	22000	
	W	3500	5300	6300	
Heating Capacity	Btu/h	\	\	\	
	W	\	\	\	
Electrical Parts					
Power Input	Cooling	W	1151	1749	2079
	Heating	W	\	\	\
Operating Current	Cooling	A	5	8.3	9.6
	Heating	A	\	\	\
Performance					
EER	W/W	3.04	3.03	3.03	
COP	W/W	\	\	\	
Air Flow Volume	Indoor	m ³ /h	700	950	1150
Noise Level	Indoor	dB(A)	39/34/32	45/40/38	47/42/40
	Outdoor	dB(A)	51	52	54
Net Dimension & Weight					
WxHxD	Indoor	mm	880x286x203	940x300x220	1080x300x220
	Outdoor	mm	760x540x260	790x548x277	800x690x300
Net Weight (Indoor/Outdoor)	kg	11.5/32	14/45	15/52	
Packing Dimension & Stuffing Weight					
WxHxD	Indoor	mm	935x350x270	993x360x285	1136x360x285
	Outdoor	mm	880x600x370	910x600x385	940x750x420
Gross Weight (Indoor/Outdoor)	kg	13/35	16/49	17/56	
Applicable Area & Gross Weight					
Applicable Area	m ²	13-27	20-40	30-50	
Stuffing Quantity	20/40/40H	105/204/255	90/182/210	70/135/156	

SHE-RA series



Type		9000 BTU	12000 BTU	18000 BTU	24000 BTU	
Capacity						
Cooling Capacity	Btu/h	9000	12000	18000	24000	
	W	2600	3600	5300	7000	
Heating Capacity	Btu/h	\	\	\	\	
	W	\	\	\	\	
Electrical Parts						
Power Input	Cooling	W	790	1094	1615	2134
	Heating	W	\	\	\	\
Operating Current	Cooling	A	4	4.8	7.4	10
	Heating	A	\	\	\	\
Performance						
EER	W/W	3.29	3.29	3.28	3.28	
COP	W/W	\	\	\	\	
Air Flow Volume	Indoor	m ³ /h	540	700	850	1250
Noise Level	Indoor	dB(A)	38/33/31	39/34/32	45/40/38	51/46/44
	Outdoor	dB(A)	51	52	54	56
Net Dimension & Weight						
WxHxD	Indoor	mm	802x265x190	880x286x203	1095x312x215	1310x322x235
	Outdoor	mm	760x540x260	790x548x277	800x690x300	902x795x332
Net Weight (Indoor/Outdoor)	kg	9.5/32	11.5/36	14.5/40	22/63	
Packing Dimension & Stuffing Weight						
WxHxD	Indoor	mm	860x325x255	935x350x270	1160x375x275	1420x440x380
	Outdoor	mm	880x600x370	910x600x385	940x750x420	1030x860x430
Gross Weight (Indoor/Outdoor)	kg	11/35	13/39	16.5/44	24/67	
Applicable Area & Gross Weight						
Applicable Area	m ²	10-20	13-27	20-40	30-55	
Stuffing Quantity	20/40/40H	109/220/265	100/200/243	70/140/170	45/93/114	

PREMIUM / CAESAR series



Type		12000 BTU	18000 BTU	22000 BTU	
Capacity					
Cooling Capacity	Btu/h	12000	18000	22000	
	W	3500	5300	6200	
Heating Capacity	Btu/h	\	\	\	
	W	\	\	\	
Electrical Parts					
Power Input	Cooling	W	1041	1558	1818
	Heating	W	\	\	\
Operating Current	Cooling	A	4.8	7.2	9.6
	Heating	A	\	\	\
Performance					
EER	W/W	3.36	3.4	3.41	
COP	W/W	\	\	\	
Air Flow Volume	Indoor	m ³ /h	720	950	1150
Noise Level	Indoor	dB(A)	39/34/32	45/40/38	47/42/40
	Outdoor	dB(A)	51	54	54
Net Dimension & Weight					
WxHxD	Indoor	mm	880x286x208	940x300x232	1080x300x232
	Outdoor	mm	760x540x260	800x690x300	800x690x300
Net Weight (Indoor/Outdoor)	kg	11.5/36	14/45	15/52	
Packing Dimension & Stuffing Weight					
WxHxD	Indoor	mm	935x350x270	993x360x285	1136x360x285
	Outdoor	mm	910x600x385	940x750x420	940x750x420
Gross Weight (Indoor/Outdoor)	kg	13/40	16/49	17/56	
Applicable Area & Gross Weight					
Applicable Area	m ²	13-27	20-40	30-55	
Stuffing Quantity	20/40/40H	105/204/255	72/141/170	70/135/156	



SHE-RA series

Type		12000 BTU	18000 BTU	22000 BTU	
Capacity					
Cooling Capacity	Btu/h	12000	18000	22000	
	W	3500	5300	6200	
Heating Capacity	Btu/h	\	\	\	
	W	\	\	\	
Electrical Parts					
Power Input	Cooling	W	1041	1558	1818
	Heating	W	\	\	\
Operating Current	Cooling	A	4.8	7.6	9.6
	Heating	A	\	\	\
Performance					
EER	W/W	3.36	3.4	3.41	
COP	W/W	\	\	\	
Air Flow Volume	Indoor	m ³ /h	700	850	1250
Noise Level	Indoor	dB(A)	39/34/32	45/40/38	51/46/44
	Outdoor	dB(A)	51	54	54
Net Dimension & Weight					
WxHxD	Indoor	mm	880x286x203	940x300x220	1185x322x235
	Outdoor	mm	760x540x260	800x690x300	800x690x300
Net Weight (Indoor/Outdoor)	kg	11.5/36	14/45	19/52	
Packing Dimension & Stuffing Weight					
WxHxD	Indoor	mm	935x350x270	993x360x285	1300x440x380
	Outdoor	mm	910x600x385	940x750x420	940x750x420
Gross Weight (Indoor/Outdoor)	kg	13/39	16/49	21/56	
Applicable Area & Gross Weight					
Applicable Area	m ²	13-27	20-40	30-55	
Stuffing Quantity	20/40/40H	105/204/255	72/141/170	60/120/140	



SHE-RA series DC INVERTER

Type		9000 BTU	12000 BTU	18000 BTU	
Capacity					
Cooling Capacity	Btu/h	9000	12000	18000	
	W	2600	3300	5000	
Heating Capacity	Btu/h	\	\	\	
	W	\	\	\	
Electrical Parts					
Power Input	Cooling	W	863	1100	1612
	Heating	W	\	\	\
Operating Current	Cooling	A	4.3	6	6.8
	Heating	A	\	\	\
Performance					
EER	W/W	3.01	3.0	3.1	
COP	W/W	\	\	\	
Air Flow Volume	Indoor	m ³ /h	540	700	850
Noise Level	Indoor	dB(A)	38/33/31	39/34/32	45/40/38
	Outdoor	dB(A)	51	51	53
Net Dimension & Weight					
WxHxD	Indoor	mm	802x260x180	880x286x196	1095x312x215
	Outdoor	mm	760x260x540	760x260x540	800x300x590
Net Weight (Indoor/Outdoor)	kg	9.5/29	11.5/31	14.5/45	
Packing Dimension & Stuffing Weight					
WxHxD	Indoor	mm	860x325x255	935x350x270	1160x375x275
	Outdoor	mm	880x600x370	880x600x370	940x650x420
Gross Weight (Indoor/Outdoor)	kg	11/32	13/34	16.5/48	
Applicable Area & Gross Weight					
Applicable Area	m ²	10-20	13-27	20-40	
Stuffing Quantity	20/40/40H	109/220/285	105/204/255	70/140/170	

PREMIUM / CAESAR series

TROPICAL

Type		18000 BTU	24000 BTU
Capacity			
Cooling Capacity	Btu/h	18000	24000
	W	5300	7000
Heating Capacity	Btu/h	\	\
	W	\	\
Electrical Parts			
Power Input	Cooling W	2050	2450
	Heating W	\	\
Operating Current	Cooling A	9.5	12
	Heating A	\	\
Performance			
EER	W/W	2.59	2.86
COP	W/W	\	\
Air Flow Volume	Indoor m ³ /h	950	1150
Noise Level	Indoor dB(A)	45/40/38	47/42/40
	Outdoor dB(A)	54	54
Net Dimension & Weight			
WxHxD	Indoor mm	940x300x220	1080x300x220
	Outdoor mm	800x690x300	800x690x300
Net Weight (Indoor/Outdoor)	kg	14/51	15/51
Packing Dimension & Stuffing Weight			
WxHxD	Indoor mm	993x360x285	1136x360x285
	Outdoor mm	940x420x750	940x420x750
Gross Weight (Indoor/Outdoor)	kg	16/55	17/55
Applicable Area & Gross Weight			
Applicable Area	m ²	20-40	30-55
Stuffing Quantity	20/40/40H	72/141/170	70/135/156

Remarks: 1. The above designs and specifications are subject to change of product improvement without prior notice.
 2. The noise level data reflects the level in anechoic chamber.

SHE-RA series

TROPICAL

Type		18000 BTU	24000 BTU	30000 BTU	36000 BTU
Capacity					
Cooling Capacity	Btu/h	18000	24000	30000	36000
	W	5300	7000	8800	10500
Heating Capacity	Btu/h	\	\	\	\
	W	\	\	\	\
Electrical Parts					
Power Input	Cooling W	2050	2450	3350	4470
	Heating W	\	\	\	\
Operating Current	Cooling A	9.5	12	13	17.5
	Heating A	\	\	\	\
Performance					
EER	W/W	2.59	2.86	2.63	2.35
COP	W/W	\	\	\	\
Air Flow Volume	Indoor m ³ /h	850	1000	1250	1250
Noise Level	Indoor dB(A)	45/40/38	47/42/40	51/46/44	51/46/44
	Outdoor dB(A)	54	54	56	56
Net Dimension & Weight					
WxHxD	Indoor mm	1095x312x215	1095x312x215	1185x322x235	1310x322x235
	Outdoor mm	800x300x690	800x300x690	902x795x332	902x795x332
Net Weight (Indoor/Outdoor)	kg	14.5/50	15/51	22/62	22/77
Packing Dimension & Stuffing Weight					
WxHxD	Indoor mm	1160x375x275	1160x375x275	1300x440x380	1420x440x380
	Outdoor mm	940x750x420	940x750x420	1030x860x430	1030x860x430
Gross Weight (Indoor/Outdoor)	kg	16.5/55	17/56	21/66	24/82
Applicable Area & Gross Weight					
Applicable Area	m ²	20-40	30-55	40-67	50-75
Stuffing Quantity	20/40/40H	70/140/170	70/140/170	45/94/118	45/93/114

Remarks: 1. The above designs and specifications are subject to change of product improvement without prior notice.
 2. The noise level data reflects the level in anechoic chamber.

ELITE / ECO series

TROPICAL

Type		18000 BTU	24000 BTU	30000 BTU	36000 BTU	
Capacity						
Cooling Capacity	Btu/h	18000	24000	30000	36000	
	W	5300	7000	8800	10500	
Heating Capacity	Btu/h	\	\	\	\	
	W	\	\	\	\	
Electrical Parts						
Power Input	Cooling	W	2050	2450	3350	4470
	Heating	W	\	\	\	\
Operating Current	Cooling	A	9.5	12	13	17.5
	Heating	A	\	\	\	\
Performance						
EER	W/W	2.59	2.86	2.63	2.35	
COP	W/W	\	\	\	\	
Air Flow Volume	Indoor	m ³ /h	850	1000	1250	1250
Noise Level	Indoor	dB(A)	45/40/38	47/42/40	51/46/44	51/46/44
	Outdoor	dB(A)	54	54	56	56
Net Dimension & Weight						
WxHxD	Indoor	mm	1095x312x215	1095x312x215	1185x322x235	1310x322x235
	Outdoor	mm	800x300x690	800x300x690	902x795x332	902x795x332
Net Weight (Indoor/Outdoor)	kg	14.5/50	15/51	22/62	22/77	
Packing Dimension & Stuffing Weight						
WxHxD	Indoor	mm	1160x375x275	1160x375x275	1300x440x380	1420x440x380
	Outdoor	mm	940x750x420	940x750x420	1030x860x430	1030x860x430
Gross Weight (Indoor/Outdoor)	kg	16.5/55	17/56	21/66	24/82	
Applicable Area & Gross Weight						
Applicable Area	m ²	20-40	30-55	40-67	50-75	
Stuffing Quantity	20/40/40H	70/140/170	70/140/170	45/94/118	45/93/114	

SHE-RA series

Type		18000 BTU	24000 BTU	30000 BTU	
Capacity					
Cooling Capacity	Btu/h	18000	24000	30000	
	W	5300	7000	8800	
Heating Capacity	Btu/h	\	\	\	
	W	\	\	\	
Electrical Parts					
Power Input	Cooling	W	1760	2320	2923
	Heating	W	\	\	\
Operating Current	Cooling	A	8.5	11.5	13
	Heating	A	\	\	\
Performance					
EER	W/W	3.01	3.02	3.01	
COP	W/W	\	\	\	
Air Flow Volume	Indoor	m ³ /h	1000	1200	1250
Noise Level	Indoor	dB(A)	47/42/40	47/42/40	49/44/42
	Outdoor	dB(A)	54	56	56
Net Dimension & Weight					
WxHxD	Indoor	mm	1095x312x215	1185x322x235	1310x322x235
	Outdoor	mm	800x690x300	902x795x332	900x860x330
Net Weight (Indoor/Outdoor)	kg	15/51	19/63	22/68	
Packing Dimension & Stuffing Weight					
WxHxD	Indoor	mm	1160x375x275	1300x440x380	1420x440x380
	Outdoor	mm	940x750x420	1030x860x430	1040x890x450
Gross Weight (Indoor/Outdoor)	kg	17/56	21/68	24/73	
Applicable Area & Gross Weight					
Applicable Area	m ²	20-40	30-55	40-67	
Stuffing Quantity	20/40/40H	70/140/170	45/94/118	44/90/100	

Parameter Table For R22 220~240V 50Hz
High Energy Efficiency

ELITE / ECO series

Type		18000 BTU	24000 BTU	30000 BTU	
Capacity					
Cooling Capacity	Btu/h	18000	24000	30000	
	W	5300	7000	8800	
Heating Capacity	Btu/h	\	\	\	
	W	\	\	\	
Electrical Parts					
Power Input	Cooling	W	1760	2320	2923
	Heating	W	\	\	\
Operating Current	Cooling	A	8.5	11.5	13
	Heating	A	\	\	\
Performance					
EER	W/W	3.01	3.02	3.01	
COP	W/W	\	\	\	
Air Flow Volume	Indoor	m ³ /h	1000	1200	1250
Noise Level	Indoor	dB(A)	47/42/40	47/42/40	49/44/42
	Outdoor	dB(A)	54	56	56
Net Dimension & Weight					
WxHxD	Indoor	mm	1095x312x215	1185x322x235	1310x322x235
	Outdoor	mm	800x690x300	902x795x332	900x860x330
Net Weight (Indoor/Outdoor)	kg	15/51	19/63	22/68	
Packing Dimension & Stuffing Weight					
WxHxD	Indoor	mm	1180x375x275	1300x440x380	1420x440x380
	Outdoor	mm	940x750x420	1030x860x430	1040x890x450
Gross Weight (Indoor/Outdoor)	kg	17/56	21/68	24/73	
Applicable Area & Gross Weight					
Applicable Area	m ²	20-40	30-55	40-67	
Stuffing Quantity	20/40/40H	70/140/170	45/94/118	44/90/100	

Remarks: 1. The above designs and specifications are subject to change of product improvement without prior notice.
2. The noise level data reflects the level in anechoic chamber.

Parameter Table For R22 220~240V 50Hz
High Energy Efficiency(A⁺)

SHE-RA series

Type		9000 BTU	12000 BTU	
Capacity				
Cooling Capacity	Btu/h	9000	12000	
	W	2600	3500	
Heating Capacity	Btu/h	9000	12000	
	W	2700	3700	
Electrical Parts				
Power Input	Cooling	W	770	1050
	Heating	W	850	1150
Operating Current	Cooling	A	3.3	4.5
	Heating	A	3.8	4.5
Performance				
EER	W/W	3.38	3.33	
COP	W/W	3.18	3.22	
Air Flow Volume	Indoor	m ³ /h	540	700
Noise Level	Indoor	dB(A)	38/33/31	39/34/32
	Outdoor	dB(A)	51	52
Net Dimension & Weight				
WxHxD	Indoor	mm	802x265x190	880x286x203
	Outdoor	mm	760x540x260	790x548x277
Net Weight (Indoor/Outdoor)	kg	9.5/32	11.5/37	
Packing Dimension & Stuffing Weight				
WxHxD	Indoor	mm	860x325x255	935x350x270
	Outdoor	mm	880x600x370	910x600x385
Gross Weight (Indoor/Outdoor)	kg	11/35	13/41	
Applicable Area & Gross Weight				
Applicable Area	m ²	10-20	13-27	
Stuffing Quantity	20/40/40H	109/220/285	100/200/243	

Remarks: 1. The above designs and specifications are subject to change of product improvement without prior notice.
2. The noise level data reflects the level in anechoic chamber.

Parameter Table For R22 220~240V 50Hz
High Energy Efficiency(A⁺)

ELITE / ECO series

Type			9000 BTU	12000 BTU
Capacity				
Cooling Capacity	Btu/h		9000	12000
	W		2600	3500
Heating Capacity	Btu/h		9000	12000
	W		2750	3650
Electrical Parts				
Power Input	Cooling	W	800	1080
	Heating	W	820	1100
Operating Current	Cooling	A	3.5	4.6
	Heating	A	3.7	4.9
Performance				
EER	W/W		3.25	3.24
COP	W/W		3.35	3.32
Air Flow Volume	Indoor	m ³ /h	420	500
Noise Level	Indoor	dB(A)	37/32/30	38/33/31
	Outdoor	dB(A)	51	51
Net Dimension & Weight				
WxHxD	Indoor	mm	745x250x210	745x250x210
	Outdoor	mm	760x540x260	760x540x260
Net Weight (Indoor/Outdoor)	kg		9/33	9.5/36
Packing Dimension & Stuffing Weight				
WxHxD	Indoor	mm	800x320x280	800x320x280
	Outdoor	mm	880x600x370	880x600x370
Gross Weight (Indoor/Outdoor)	kg		10.5/37	11/41
Applicable Area & Gross Weight				
Applicable Area	m ²		10-20	13-27
Stuffing Quantity	20/40/40H		110/230/265	110/230/265

Remarks: 1. The above designs and specifications are subject to change of product improvement without prior notice.
2. The noise level data reflects the level in anechoic chamber.

Parameter Table For R22 220~240V 50Hz
High Energy Efficiency(B⁺)

53/54

SHE-RA series

Type			9000 BTU	12000 BTU	18000 BTU	24000 BTU	30000 BTU
Capacity							
Cooling Capacity	Btu/h		9000	12000	18000	24000	30000
	W		2600	3500	5300	7000	8800
Heating Capacity	Btu/h		9000	12000	18000	24000	30000
	W		2700	3650	5800	7900	9700
Electrical Parts							
Power Input	Cooling	W	820	1125	1760	2325	2950
	Heating	W	840	1160	1850	2540	3200
Operating Current	Cooling	A	3.5	4.5	7.4	9.8	10.3
	Heating	A	4.1	4.7	7.9	9.3	11.6
Performance							
EER	W/W		3.17	3.11	3.01	3.01	2.98
COP	W/W		3.21	3.15	3.14	3.11	3.03
Air Flow Volume	Indoor	m ³ /h	450	560	850	1200	1200
Noise Level	Indoor	dB(A)	37/32/30	38/33/31	45/40/38	49/44/42	49/44/42
	Outdoor	dB(A)	51	51	54	54	56
Net Dimension & Weight							
WxHxD	Indoor	mm	802x265x200	880x286x208	1095x312x215	1185x322x235	1185x322x235
	Outdoor	mm	760x540x260	760x540x260	800x690x300	800x690x300	902x795x332
Net Weight (Indoor/Outdoor)	kg		9.5/30	11.5/36	14.5/50	20/51	22/60
Packing Dimension & Stuffing Weight							
WxHxD	Indoor	mm	860x325x255	935x350x270	1160x375x275	1300x440x380	1300x440x380
	Outdoor	mm	880x600x370	910x600x385	940x750x420	940x750x420	1030x860x430
Gross Weight (Indoor/Outdoor)	kg		11/33	13/40	19/54	26/56	28/68
Applicable Area & Gross Weight							
Applicable Area	m ²		10-20	13-27	20-40	30-55	40-67
Stuffing Quantity	20/40/40H		109/220/265	105/204/255	70/140/170	60/110/140	45/94/118

Remarks: 1. The above designs and specifications are subject to change of product improvement without prior notice.
2. The noise level data reflects the level in anechoic chamber.

Parameter Table For R22 220~240V 50Hz
High Energy Efficiency(B⁺)

ELITE / ECO series

Type		9000 BTU	12000 BTU	18000 BTU	24000 BTU	30000 BTU	
Capacity							
Cooling Capacity	Btu/h	9000	12000	18000	24000	30000	
	W	2600	3500	5300	7000	8800	
Heating Capacity	Btu/h	9000	12000	18000	24000	30000	
	W	2700	3650	5800	7900	9700	
Electrical Parts							
Power Input	Cooling	W	830	1130	1760	2325	2950
	Heating	W	850	1165	1850	2540	3200
Operating Current	Cooling	A	3.5	4.5	7.4	9.8	10.3
	Heating	A	4.3	4.8	7.9	9.3	11.6
Performance							
EER	W/W	3.13	3.1	3.01	3.01	2.98	
COP	W/W	3.18	3.13	3.14	3.11	3.03	
Air Flow Volume	Indoor	m ³ /h	420	500	850	1200	1200
Noise Level	Indoor	dB(A)	37/32/30	38/33/31	45/40/38	49/44/42	49/44/42
	Outdoor	dB(A)	51	51	54	54	56
Net Dimension & Weight							
WxHxD	Indoor	mm	745x250x210	745x250x210	1095x312x215	1185x322x235	1185x322x235
	Outdoor	mm	760x540x260	760x540x260	800x690x300	800x690x300	902x795x332
Net Weight (Indoor/Outdoor)	kg	9/30	9.5/36	14.5/50	20/51	22/60	
Packing Dimension & Stuffing Weight							
WxHxD	Indoor	mm	800x320x280	800x320x280	1160x375x275	1300x440x380	1300x440x380
	Outdoor	mm	880x600x370	880x600x370	940x750x420	940x750x420	1030x860x430
Gross Weight (Indoor/Outdoor)	kg	10.5/35	11/40	19/54	26/56	28/68	
Applicable Area & Gross Weight							
Applicable Area	m ²	10-20	13-27	20-40	30-55	40-67	
Stuffing Quantity	20/40/40H	110/230/265	110/230/265	70/140/170	60/120/140	45/94/118	

Remarks: 1. The above designs and specifications are subject to change of product improvement without prior notice.
2. The noise level data reflects the level in anechoic chamber.

Parameter Table For R22 220~240V 50Hz
Super High Energy Efficiency

55/56

SHE-RA series

Type		7000 BTU	9000 BTU	12000 BTU	18000 BTU	24000 BTU	
Capacity							
Cooling Capacity	Btu/h	7000	9000	12000	18000	24000	
	W	2052	2638	3517	5275	7034	
Heating Capacity	Btu/h	7000	9000	12000	18000	24000	
	W	2052	2638	3517	5275	7034	
Electrical Parts							
Power Input	Cooling	W	532	687	920	1376	1913
	Heating	W	539	685	926	1400	1939
Operating Current	Cooling	A	2.31	3.00	4.00	6.00	8.32
	Heating	A	2.34	3.00	4.00	6.10	8.43
Performance							
EER	W/W	3.86	3.86	3.86	3.78	3.66	
COP	W/W	3.81	3.81	3.78	3.71	3.61	
Air Flow Volume	Indoor	m ³ /h	500	700	700	1150	1200
Noise Level	Indoor	dB(A)	39/34/32	39/34/32	39/34/32	47/42/40	49/44/42
	Outdoor	dB(A)	51	51	52	54	56
Net Dimension & Weight							
WxHxD	Indoor	mm	880x286x203	880x286x203	880x286x203	1080x300x220	1185x322x235
	Outdoor	mm	760x540x260	760x540x260	790x548x277	800x690x300	902x795x332
Net Weight (Indoor/Outdoor)	kg	11.5/34	11.5/34	11.5/37	15/49	19/65	
Packing Dimension & Stuffing Weight							
WxHxD	Indoor	mm	935x350x270	935x350x270	935x350x270	1185x322x235	1300x440x380
	Outdoor	mm	880x600x370	880x600x370	910x600x385	940x750x420	1030x860x430
Gross Weight (Indoor/Outdoor)	kg	13/37	13/37	13/40	17/52	21/74	
Applicable Area & Gross Weight							
Applicable Area	m ²	10-20	10-20	13-27	20-40	30-55	
Stuffing Quantity	20/40/40H	105/204/255	105/204/255	100/200/243	70/135/156	45/94/118	

Remarks: 1. The above designs and specifications are subject to change of product improvement without prior notice.
2. The noise level data reflects the level in anechoic chamber.

Super High Energy Efficiency

PREMIUM / CAESAR series

Type		7000 BTU	9000 BTU	12000 BTU	
Capacity					
Cooling Capacity	Btu/h	7000	9000	12000	
	W	2052	2638	3517	
Heating Capacity	Btu/h	7000	9000	12000	
	W	2052	2638	3517	
Electrical Parts					
Power Input	Cooling	W	532	687	920
	Heating	W	539	685	926
Operating Current	Cooling	A	2.31	3.00	4.00
	Heating	A	2.34	3.00	4.00
Performance					
EER	W/W	3.86	3.86	3.86	
COP	W/W	3.81	3.81	3.78	
Air Flow Volume	Indoor	m ³ /h	500	700	700
Noise Level	Indoor	dB(A)	39/34/32	39/34/32	39/34/32
	Outdoor	dB(A)	51	51	52
Net Dimension & Weight					
WxHxD	Indoor	mm	880x286x203	880x286x203	880x286x203
	Outdoor	mm	760x540x260	760x540x260	790x548x277
Net Weight (Indoor/Outdoor)	kg	11.5/34	11.5/34	11.5/37	
Packing Dimension & Stuffing Weight					
WxHxD	Indoor	mm	935x350x270	935x350x270	935x350x270
	Outdoor	mm	880x600x370	880x600x370	910x600x385
Gross Weight (Indoor/Outdoor)	kg	13/37	13/37	13/40	
Applicable Area & Gross Weight					
Applicable Area	m ²	10-20	10-20	13-27	
Stuffing Quantity	20/40/40H	105/204/255	105/204/255	100/200/243	

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2. The noise level data reflects the level in anechoic chamber.

Saudi Arabia Five Star Class AC

PREMIUM / CAESAR series

TROPICAL

R22 208~230V 60Hz T3 work condition

Type		12000 BTU	18000 BTU	24000 BTU	
Capacity					
Cooling Capacity	Btu/h	12000	18000	24000	
	W	3517	5275	7034	
Heating Capacity	Btu/h	13000	20000	26400	
	W	3810	5862	7737	
Electrical Parts					
Power Input	Cooling	W	1220	1831	2442
	Heating	W	1261	1940	2562
Operating Current	Cooling	A	5.55	8.32	11.1
	Heating	A	5.73	8.82	11.64
Performance					
EER	W/W	2.87	2.88	2.88	
COP	W/W	3.02	3.02	3.02	
Air Flow Volume	Indoor	m ³ /h	520	980	1180
Noise Level	Indoor	dB(A)	38/33/31	45/40/38	47/42/40
	Outdoor	dB(A)	51	53	54
Net Dimension & Weight					
WxHxD	Indoor	mm	802x265x190	940x300x220	1080x300x220
	Outdoor	mm	760x540x260	800x590x300	800x690x300
Net Weight (Indoor/Outdoor)	kg	9.5/37	14/40.7	15/44.8	
Packing Dimension & Stuffing Weight					
WxHxD	Indoor	mm	860x325x255	1045x395x300	1185x395x300
	Outdoor	mm	880x600x370	940x650x420	940x750x420
Gross Weight (Indoor/Outdoor)	kg	11/38	16/46.6	17/49.9	
Applicable Area & Gross Weight					
Applicable Area	m ²	13-27	20-40	30-55	
Stuffing Quantity	20/40/40H	109/220/265	80/163/185	70/135/156	

Remarks: 1. The above designs and specifications are subject to change of product improvement without prior notice.
2. The noise level data reflects the level in anechoic chamber.

SHE-RA series

TROPICAL

R22 208~230V 60Hz T3 work condition

Type		12000 BTU	18000 BTU	24000 BTU	30000 BTU	36000 BTU	
Capacity							
Cooling Capacity	Btu/h	12000	18000	24000	30000	36000	
	W	3517	5275	7034	8792	10551	
Heating Capacity	Btu/h	13000	20000	26400	32000	38000	
	W	3810	5862	7737	9379	11137	
Electrical Parts							
Power Input	Cooling	W	1220	1831	2442	3053	3663
	Heating	W	1261	1940	2562	3256	3867
Operating Current	Cooling	A	5.55	8.32	11.1	13.88	16.65
	Heating	A	5.73	8.82	11.64	14.8	17.58
Performance							
EER	W/W	2.87	2.88	2.87	2.87	2.86	
COP	W/W	3.02	3.02	3.02	3.02	3.02	
Air Flow Volume	Indoor	m ³ /h	500	950	1150	1200	1250
Noise Level	Indoor	dB(A)	38/33/31	45/40/38	47/42/40	49/44/42	51/46/44
	Outdoor	dB(A)	51	53	54	54	56
Net Dimension & Weight							
WxHxD	Indoor	mm	802x265x190	940x300x220	1080x300x220	1185x322x235	1310x322x235
	Outdoor	mm	760x540x260	800x590x300	800x690x300	800x690x300	902x795x332
Net Weight (Indoor/Outdoor)	kg	9.5/37	14/40.7	15/44.8	19/52.9	22/61.4	
Packing Dimension & Stuffing Weight							
WxHxD	Indoor	mm	860x325x255	1045x395x300	1185x395x300	1300x440x380	1420x440x380
	Outdoor	mm	880x600x370	940x650x420	940x750x420	940x750x420	1030x860x430
Gross Weight (Indoor/Outdoor)	kg	11/38	16/46.6	17/49.9	21/58.1	24/68.5	
Applicable Area & Gross Weight							
Applicable Area	m ²	13-27	20-40	30-55	40-67	50-75	
Stuffing Quantity	20/40/40H	109/220/265	80/163/185	70/135/156	60/120/140	45/93/114	

ELITE / ECO series

TROPICAL

R22 208~230V 60Hz T3 work condition

Type		30000 BTU	36000 BTU	
Capacity				
Cooling Capacity	Btu/h	30000	36000	
	W	8792	10551	
Heating Capacity	Btu/h	32000	38000	
	W	9379	11137	
Electrical Parts				
Power Input	Cooling	W	3053	3663
	Heating	W	3256	3867
Operating Current	Cooling	A	13.88	16.65
	Heating	A	14.8	17.58
Performance				
EER	W/W	2.87	2.86	
COP	W/W	3.02	3.02	
Air Flow Volume	Indoor	m ³ /h	1200	1250
Noise Level	Indoor	dB(A)	49/44/42	51/46/44
	Outdoor	dB(A)	54	56
Net Dimension & Weight				
WxHxD	Indoor	mm	1185x322x235	1310x322x235
	Outdoor	mm	800x690x300	902x795x332
Net Weight (Indoor/Outdoor)	kg	19/52.9	22/61.4	
Packing Dimension & Stuffing Weight				
WxHxD	Indoor	mm	1300x440x380	1420x440x380
	Outdoor	mm	940x750x420	1030x860x430
Gross Weight (Indoor/Outdoor)	kg	21/58.1	24/68.5	
Applicable Area & Gross Weight				
Applicable Area	m ²	40-67	50-75	
Stuffing Quantity	20/40/40H	60/120/140	45/93/114	

Floor Standing Type



Parameter Table For R22 220~240V/380~415 50Hz Floor Standing Type

Type		18000 BTU	24000 BTU	30000 BTU	36000 BTU	41000 BTU	48000 BTU	
Capacity								
Cooling Capacity	Btu/h	18000	24000	30000	36000	41000	48000	
	W	5275	7034	8800	10500	12016	14088	
Heating Capacity	Btu/h	19800	27000	3300	38000	48000+10000	52000+11000	
	W	5803	7913	9700	11500	14068+3000	15240+3200	
Electrical Parts								
Power Input	Cooling	W	1810	2470	3350	4070	4530	5100
	Heating	W	1910	2590	3450	4150	4940+3000	5200+3200
Operating Current	Cooling	A	7.9	10.7	13	15.6	8.1	8.6
	Heating	A	7.9	11.2	13	16	8.6+4.5	8.6+5
Performance								
EER	W/W	2.92	2.85	2.63	2.58	2.65	2.76	
COP	W/W	3.1	3.05	2.81	2.77	2.85	2.93	
Air Flow Volume	Indoor	m ³ /h	950	1000	1200	1200	1800	1800
Noise Level	Indoor	dB(A)	45/40/38	45/40/38	45/40/38	45/40/38	48/43/41	48/43/41
	Outdoor	dB(A)	53	54	56	56	58	58
Net Dimension & Weight								
WxHxD	Indoor	mm	500x1780x300	500x1780x300	500x1780x300	500x1780x300	560x1910x360	560x1910x360
	Outdoor	mm	800x590x300	800x690x300	902x795x332	900x860x330	1255x945x340	1255x945x340
Net Weight (Indoor/Outdoor)	kg	38/51	39/55	38/85	40/85	58/105	58/120	
Packing Dimension & Stuffing Weight								
WxHxD	Indoor	mm	690x1890x450	690x1890x450	690x1890x450	690x1890x450	680x2020x510	680x2020x510
	Outdoor	mm	940x650x420	940x750x420	1030x860x410	1040x890x450	1300x1085x430	1300x1085x430
Gross Weight (Indoor/Outdoor)	kg	48/54	48/59	48/80	48/85	72/117	72/135	
Applicable Area & Gross Weight								
Applicable Area	m ²	20~40	30~55	40~67	50~75	60~90	70~100	
Stuffing Quantity	20/40/40H	40/68/84	30/65/80	28/80/75	28/55/80	18/36/48	18/36/48	

Remarks: 1. The above designs and specifications are subject to change of product improvement without prior notice.
2. The noise level data reflects the level in anechoic chamber.

Floor Standing Type

TROPICAL

Type		18000 BTU	24000 BTU	42000 BTU	48000 BTU	
Capacity						
Cooling Capacity	Btu/h	18000	24000	42000	48000	
	W	5275	7034	12309	14088	
Heating Capacity	Btu/h	19100	27000	46000+11000	52000+11000	
	W	5598	7913	13480+3220	15250+3220	
Electrical Parts						
Power Input	Cooling	W	1810	2470	4400	5250
	Heating	W	1810	2590	4600+3000	5350+3200
Operating Current	Cooling	A	7.9	10.7	22	23.9
	Heating	A	7.9	11.2	23+14.5	24.3+14.5
Performance						
EER	W/W	2.92	2.85	2.58	2.68	
COP	W/W	3.10	3.05	2.76	2.85	
Air Flow Volume	Indoor	m ³ /h	950	1100	1800	2100
Noise Level	Indoor	dB(A)	45/40/38	45/40/38	48/43/41	48/43/41
	Outdoor	dB(A)	53	53	56	58
Net Dimension & Weight						
WxHxD	Indoor	mm	480x1745x310	480x1745x310	560x1910x360	560x1910x360
	Outdoor	mm	800x590x300	800x590x300	900x860x330	1255x945x340
Net Weight (Indoor/Outdoor)	kg	40/40.7	41/44.8	58/61.5	59/103	
Packing Dimension & Stuffing Weight						
WxHxD	Indoor	mm	600x1870x420	600x1870x420	680x2020x510	680x2020x510
	Outdoor	mm	940x650x420	940x650x420	1040x890x450	1300x1085x430
Gross Weight (Indoor/Outdoor)	kg	50/46.6	51/49.9	72/69	73/110	
Applicable Area & Gross Weight						
Applicable Area	m ²	20-40	30-55	60-90	80-100	
Stuffing Quantity	20/40/40H	40/68/84	40/68/84	26/54/56	18/36/46	

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2.The noise level data reflects the level in anechoic chamber.

Floor Standing Type

TROPICAL

Type		R22 220~240V 50Hz T3 work condition 42000 BTU	R22 208~230V 60Hz T3 work condition 50000 BTU	42000 BTU	48000 BTU	
Capacity						
Cooling Capacity	Btu/h	42000	50000	42000	48000	
	W	12309	14654	12309	14088	
Heating Capacity	Btu/h	46000+11000	52000+11000	46000+11000	52000+11000	
	W	13480+3220	15250+3220	13480+3220	15250+3220	
Electrical Parts						
Power Input	Cooling	W	4770	5250	4770	5250
	Heating	W	4890+3000	5350+3200	4890+3000	5350+3200
Operating Current	Cooling	A	7.6	23.9	7.6	23.9
	Heating	A	7.8+4.5	24.3+14.5	7.8+4.5	24.3+14.5
Performance						
EER	W/W	2.58	2.68	2.58	2.68	
COP	W/W	2.76	2.85	2.76	2.85	
Air Flow Volume	Indoor	m ³ /h	1800	2100	1800	2100
Noise Level	Indoor	dB(A)	48/43/41	48/43/41	48/43/41	48/43/41
	Outdoor	dB(A)	58	58	58	58
Net Dimension & Weight						
WxHxD	Indoor	mm	560x1910x360	560x1910x360	1910x560x360	560x1910x360
	Outdoor	mm	1255x945x340	1255x945x340	1255x945x340	1255x945x340
Net Weight (Indoor/Outdoor)	kg	58/61.5	59/103	58/61.5	59/103	
Packing Dimension & Stuffing Weight						
WxHxD	Indoor	mm	680x2020x510	680x2020x510	2020x680x510	680x2020x510
	Outdoor	mm	1300x1085x430	1300x1085x430	1300x1085x430	1300x1085x430
Gross Weight (Indoor/Outdoor)	kg	58/61.5	59/103	58/61.5	59/103	
Applicable Area & Gross Weight						
Applicable Area	m ²	60-90	80-100	60-90	80-100	
Stuffing Quantity	20/40/40H	18/36/48	18/36/46	18/36/48	18/36/46	

Remarks: 1.The above designs and specifications are subject to change of product improvement without prior notice.
2.The noise level data reflects the level in anechoic chamber.

Floor Standing Type



EF

Parameter Table For R410a 220~240V/380~415 50Hz Floor Standing Type

65/66

Type			16000 BTU	18000 BTU	24000 BTU
Capacity					
Cooling Capacity	Btu/h		16000	18000	24000
	W		4689	5275	7034
Heating Capacity	Btu/h		17600	19800	27000
	W		5158	5803	7913
Electrical Parts					
Power Input	Cooling	W	1730	1850	2630
	Heating	W	1770	1920	2760
Operating Current	Cooling	A	7.5	8	11.4
	Heating	A	7.7	8.1	12
Performance					
EER		W/W	2.71	2.85	2.68
COP		W/W	2.92	3.02	2.87
Air Flow Volume	Indoor	m ³ /h	950	950	1000
Noise Level	Indoor	dB(A)	45/40/38	45/40/38	45/40/38
	Outdoor	dB(A)	51	51	54
Net Dimension & Weight					
WxHxD	Indoor	mm	480x1745x310	480x1745x310	480x1745x310
	Outdoor	mm	760x540x260	760x540x260	800x690x300
Net Weight (Indoor/Outdoor)		kg	40/41	40/43	40/54
Packing Dimension & Stuffing Weight					
WxHxD	Indoor	mm	420x1870x600	420x1870x600	420x1870x600
	Outdoor	mm	880x600x370	880x600x370	940x750x420
Gross Weight (Indoor/Outdoor)		kg	50/44	50/46	50/58
Applicable Area & Gross Weight					
Applicable Area		m ²	18~35	20~40	30~55
Stuffing Quantity	20/40/40H		46/92/104	46/92/104	40/80/90

Remarks: 1. The above designs and specifications are subject to change of product improvement without prior notice.
2. The noise level data reflects the level in anechoic chamber.

Portable Air Conditioner



SF



S

Parameter Table For R410a 220~240V 50Hz Portable Air Conditioner

Type			9000 BTU	12000 BTU
Capacity				
Cooling Capacity	Btu/h		9000	12000
	W		2700	3200
Heating Capacity	Btu/h		7800	9200
	W		2300	2700
Electrical Parts				
Power Input	Cooling	W	1010	1200
	Heating	W	990	1170
Operating Current	Cooling	A	4.4	5.2
	Heating	A	4.3	5.0
Performance				
EER		W/W	2.67	2.66
COP		W/W	2.32	2.31
Air Flow Volume		m ³ /h	450	470
Noise Level(H/M/L)			51/48/47	51/48/47
Net Dimension & Weight				
WxHxD		mm	320x830x500	320x830x500
Net Weight (Indoor/Outdoor)		kg	34	34
Packing Dimension & Stuffing Weight				
WxHxD		mm	365x880x550	365x880x550
Gross Weight		kg	37	37
Applicable Area & Gross Weight				
Applicable Area		m ²	10-20	13-27
Stuffing Quantity		20/40/40H	138/276/405	138/276/405

Remarks: 1. The above designs and specifications are subject to change of product improvement without prior notice.
2. The noise level data reflects the level in anechoic chamber.

Parameter Table For R410a 220~240V 50Hz
Portable Air Conditioner

Type		9000 BTU	12000 BTU
Capacity			
Cooling Capacity	Btu/h	9000	12000
	W	2638	3517
Heating Capacity	Btu/h	8000	11000
	W	2345	3224
Electrical Parts			
Power Input	Cooling W	1020	1250
	Heating W	950	1100
Operating Current	Cooling A	4.4	5.4
	Heating A	4.2	4.8
Performance			
EER	WW	2.55	2.55
COP	WW	2.6	2.6
Air Flow Volume	m ³ /h	450	450
Noise Level(H/M/L)		50/48/46	50/48/46
Net Dimension & Weight			
WxHxD	mm	830x500x320	830x500x320
Net Weight (Indoor/Outdoor)	kg	34	34
Packing Dimension & Stuffing Weight			
WxHxD	mm	880x550x365	880x550x365
Gross Weight	kg	37	37
Applicable Area & Gross Weight			
Applicable Area	m ²	10-20	13-27
Stuffing Quantity	20/40/40H	138/276/405	138/276/405



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Remarks: 1. The above designs and specifications are subject to change of product improvement without prior notice.
 2. The noise level data reflects the level in anechoic chamber.