

**AUX**  
AIR CONDITIONER



Residential AC  
**2015**

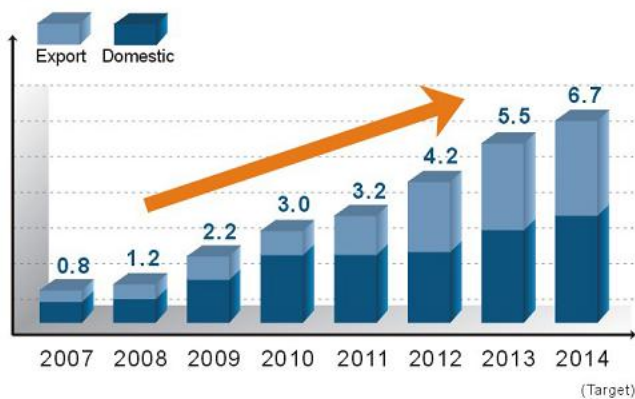
**R410A**

# Corporate values

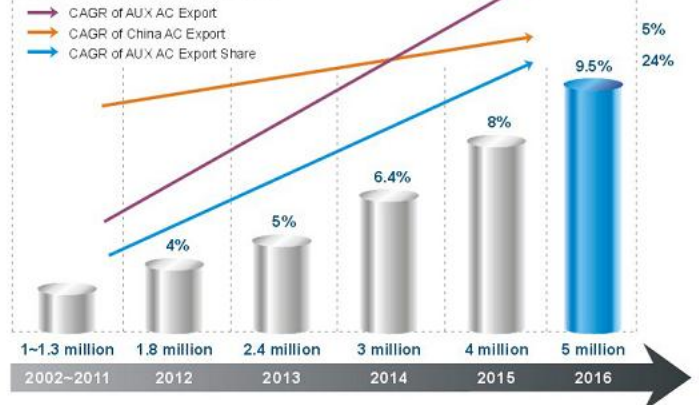
Accuracy, Efficiency, Simplicity  
To Be Concentrated  
Target Oriented.

## RAC performance

(MILLION SETS)



## Target of AC export



As one of the top 500 enterprises in China, AUX Group, established in 1986, is an enterprise group of modern service industry, which includes 6 branches: intelligent power equipment, home appliance, mobile intelligent terminal, real estate, medical service and financial investment.












In year 2013, the business turnover of AUX is RMB 48.1 billion. The total asset of AUX is RMB 26.5 billion. We have 20 thousands employees all over the world. There are seven AUX's manufacturing bases located in Ningbo, Nanchang, Tianjin, Shanghai, Shenzhen, Dongguan respectively. The company owns multi-brands including AUX, Sanxing, BFB, LN and etc.

Ningbo AUX IMP. & EXP. CO., LTD. is affiliated with AUX Group. We value the belief of "Creating an intelligent way of life with high technology". After a 17 years exploring, our total assets reached RMB1.1 billion. We have three major industrial bases located in Ningbo, Nanchang, and Tianjin respectively. Our business covers residential air-conditioning, commercial air-conditioning and other household appliances. Our products are exported to over 100 countries and districts. In year 2013, Ningbo AUX IMP. & EXP. CO., LTD. achieved a \$560 million turnover and a 2.5 million sales volume.

Ningbo AUX IMP. & EXP. CO., LTD. has been consecutively awarded multi-honors as one of the most famous export enterprises in Zhejiang Province, one of the most famous export enterprises in China, high performance enterprise in exploring international market, vice chairman unit of home appliances, National Informational Benchmarking enterprise, high-tech enterprise of the national torch program, the permanent unit for national engineering technology center and national postdoctoral workstation. Moreover, we also value the cooperation with the world famous companies as GE, ELECTROLUX and YORK, and etc.

AUX will work hard with the guideline of our WIN Strategy-Worldwide, Intelligent and Navigating to make our belief become true-grow up to a world famous enterprise and creating an intelligent way of life to our clients!

# Line Up 2015

LIBERY series		Single(ON/OFF)	Mono DC Inverter	Multi DC Inverter	
		7K 9K 12K 18K 24K	9K 12K 18K 24K	9+9K 12+12K    9+12K	
VOIS series					
		9K 12K	9K 12K		
PREMIUM series					
		9K 12K 18K 24K	9K 12K 18K 24K	9+9K 12+12K    9+12K	
SHE-RA series					
		7K 9K 12K 18K 24K 30K 36K	9K 12K 18K 24K	9+9K 12+12K    9+12K	
KAESAR series					
		7K 9K 12K 18K 24K 30K	9K 12K 18K 24K	9+9K 12+12K    9+12K	
NAVI series					
		7K 9K 12K 18K 24K 30K	9K 12K 18K 24K		
Floor Standing		Btu/h			
	U		42K	48K	55K
	N	24K	26K	42K	48K 55K
	EF	24K			
Portable		Btu/h			
	L	7K	9K	12K	
	S	7K	9K	12K	

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# Artwork

The Delicate Masterpiece

## Technological Appearance

### Exquisite Craft

High-gloss injection moulding panel, creat a fashion classic

### Health

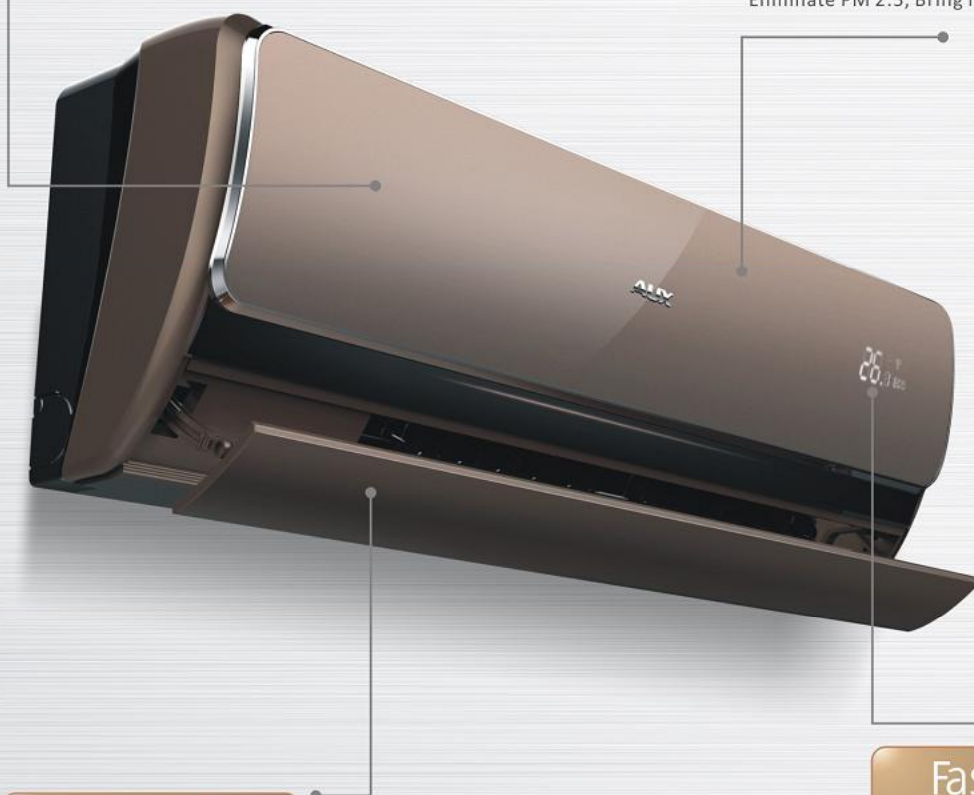
Eliminate PM 2.5, Bring fresh air

### Comfort

Stretchable ventilation design makes you enjoy every moment

### Fashion

Hidden display lights up your life

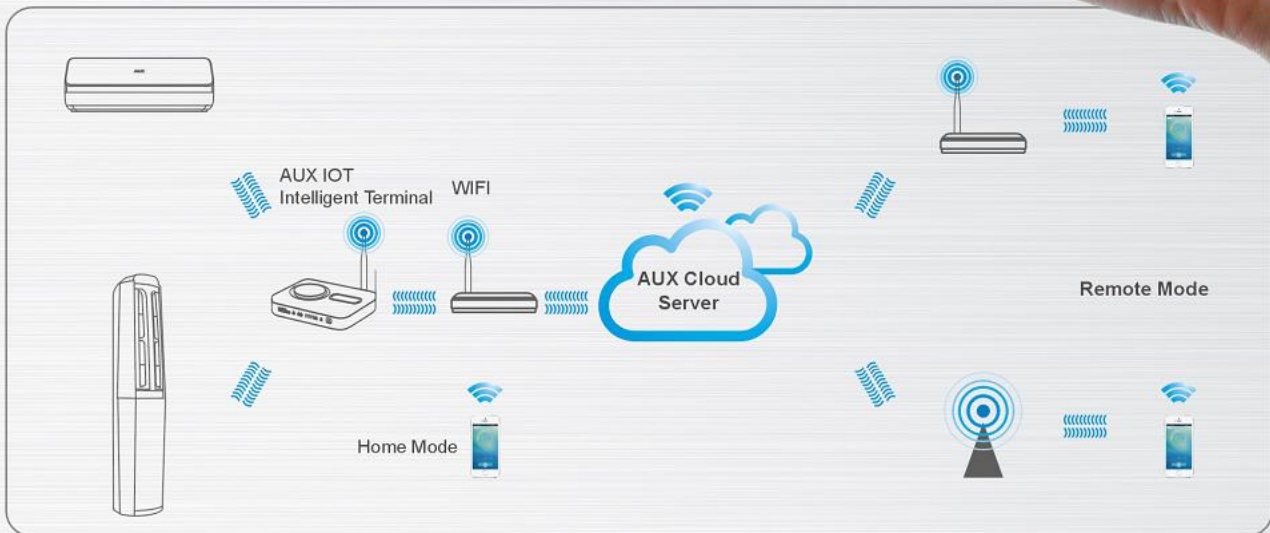


# Intelligence

## The Intelligent House Manager

### WIFI\* EPC Network

AUX AC equipped with WIFI IOT control technology, when connecting to intelligent terminal, customers can enjoy fun and convenience of remote control via smartphones, PAD (currently only supports Android and IOS ) and other mobile terminals to control AC at any time and anywhere.



**Long-Distance Control**  
Control AC operate under Far distance .Controlled By the App program



**Voice Control**  
Control the AC with voice, Make life more convenient



**Multi-Terminal Control**  
Different terminal App download realize multi-terminal control for the AC working



**Fault Notice**  
Real time monitoring to send the fast direction if the AC works abnormal



**Environment Protection**  
AC achieves auto-clean at anytime



**Mute Control**  
Realize mute control when on&off, model and temperature switch



**Sleep Curve**  
DIY control makes your sleep more comfortable



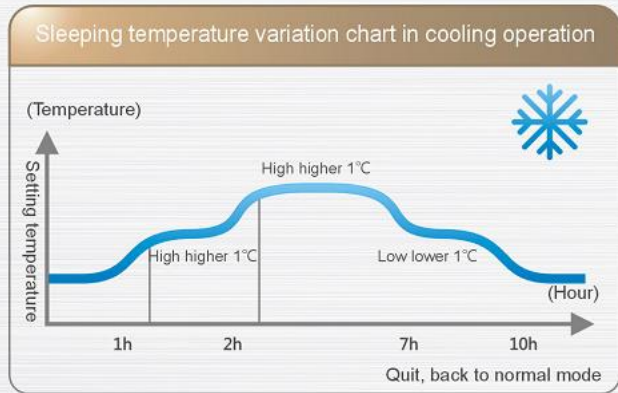
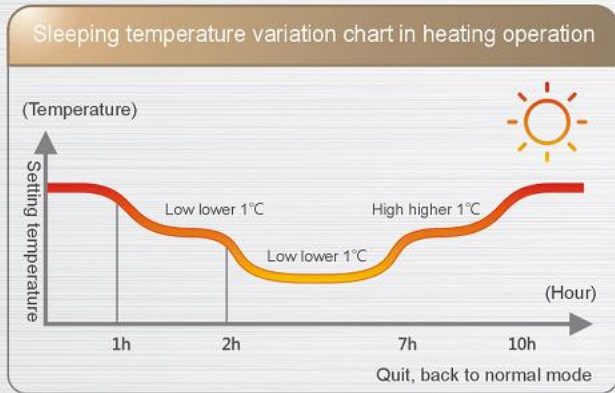
**Weather Forecast**  
Send the latest weather information to the AC at anytime

# Health

The Guardian of Human Health

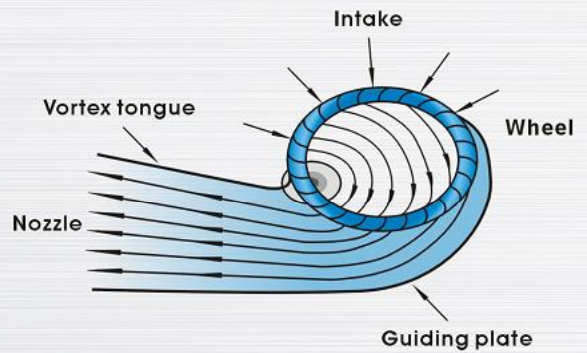
## Deep SLEEP system

Enjoy comfortable and high-quality sleep  
 AUX innovative deep sleep intelligent technology, breaking one-way temperature control of traditional sleep mode, helping enter and extend the deep sleeping time, which makes customers enjoy comfortable and high-quality sleep



## Super Quiet Design

Through the air tunnel optimization technology and equipped with big diameter fan and high efficiency PG motor, which help the indoor unit deliver a better air distribution and air flow with noise low to 20dB, providing you comfortable sleeping environment



### Indoor unit mute



Large-diameter & Non-equidistant Cross-flow fan



Indoor PG Motor



Evaporator U Tube

### Outdoor unit mute



NEW generation nine-groove six levels compressor.



High quality imported sound insulation cotton



Efficient pipeline muffler



# Extensile WIND Deflector

Stretchable ventilation design makes your life comfortable  
AUX adapts unique stretchable ventilation design that makes you enjoy intelligent  
air supply all the time



## Cooling

In cooling mode, air Louver upswings, cold air concentrates and goes upward to realize shower air supply.



PK



In common cooling mode, cold air goes upward difficultly.

## Heating

In heating mode, air Louver downswings, hot air concentrates and goes downward to realize carpet style heating.



PK



In common heating mode, hot air goes downward difficultly.

# Technology

The Representative of Science and Technology

## DC Inverter<sup>system\*</sup>

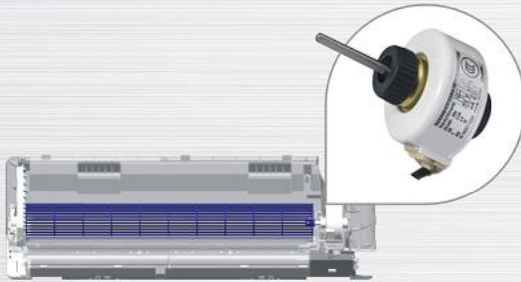
### Full DC Inverter System

Full DC Inverter system ECO energy saving mode  
 ECO mode makes "One kWh One night" come true through its precise control of power consumption and temperature

### AUX FULL DC Inverter AC=

- DC Compressor
- +
- Indoor DC Fan Motor
- +
- Outdoor DC Fan Motor
- +
- RENESAS DC Control System

### Indoor DC Inverter System



#### Indoor DC Fan Motor

Realizes the flexible adjustment of the wind speed, thus its power consumption is low; light weight; achieve ultra-quiet operation within 20 db

#### Outdoor DC Fan Motor

Comparing to multi-speed adjustment, DC motor achieves lower consumption, lower noise, thus cooperates with the outside heat exchange system, it can make a sharp rise in COP



#### RENESAS Control System

AUX Exceeds traditional AC technology and creates full DC system by equipped with International imported DC driver chip, advanced configuration, creates first-class AC

#### DC Compressor

Super strong nine-groove six-grades DC compressor, strong and stable running, permanent magnet structure with DC technology, improve AC EER/COP and achieve instant cooling and heating effect at the same time

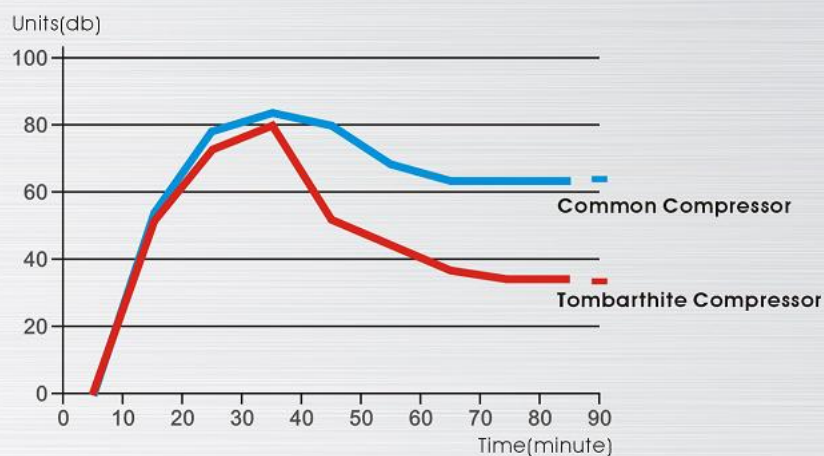
# Tombarthite compressor

Low power consumption Super-quiet design



AUX AC uses compressor containing tombarthite elements, tombarthite names "Industrial vitamins", compressor adding tombarthite elements has a sharp improvement in toughness, which greatly reduce friction in the operation of rotor at high speed, achieving low power consumption and low noise

Tombarthite increases the toughness of the compressor rotor, thus greatly reduce the friction of the rotor and achieve lower power consumption, and lower noise



**Environmentally-friendly**  
Non-fluorine refrigerant  
No damage to ozonosphere



**High-efficiency**  
Energy-saving  
Higher EER/COP

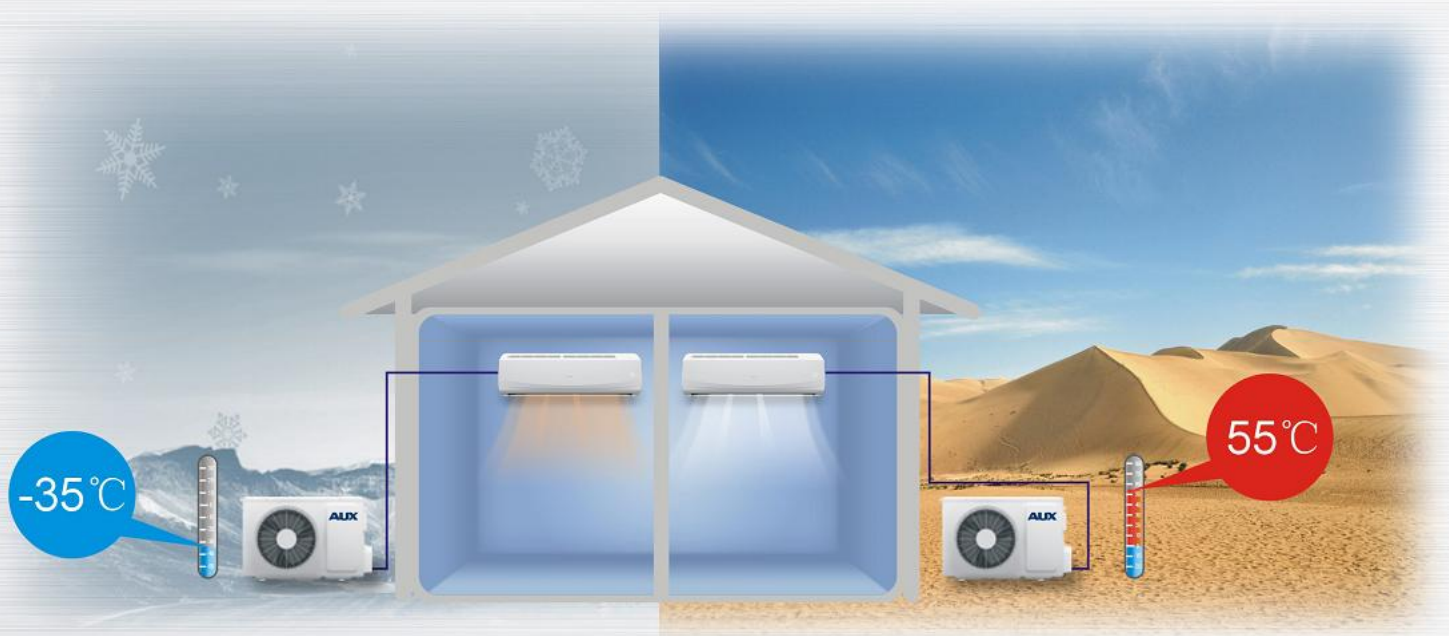
**Safe**  
Stable mini-fewer  
Oil design



**Economic**  
Natural Refrigerant  
No Second alternative risk

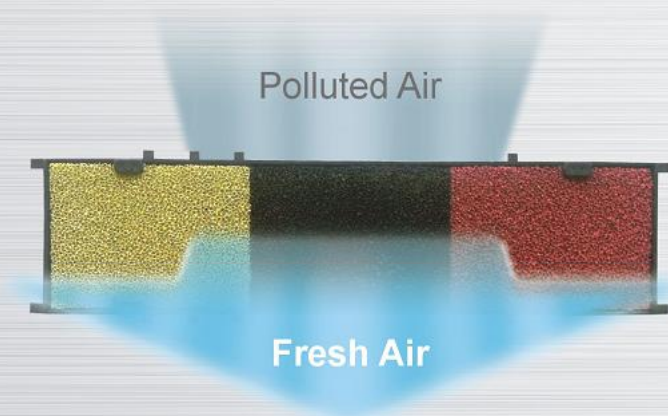
# Low Ambient Heating High Ambient Cooling

With the leading two-stage compression (EVI) and cooling system optimization technology and high reliable unit components to ensure the reliable operation even in extreme ambient temperature( heating at -35°C , cooling at 55°C)



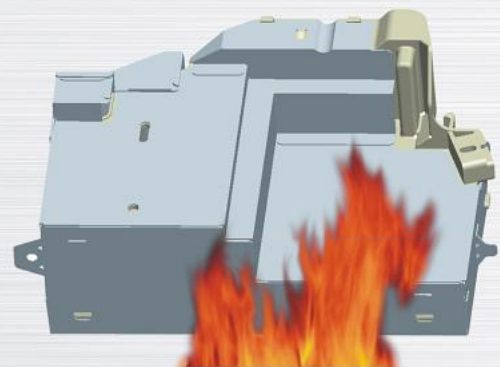
## Compound Filter

Combine 3 filters from 6 different types including Silver Ion Filter, Anti-Formaldehyde Filter, Vitamin C Filter, Bio Filter, Vitamin-C & Anti-mites Filter and Super Lytic-enzyme PP HEPA Filter to meet your various needs simultaneously.



## Fire-proof Electric Box

Electric box sealed by metal casing could prevent fire in case of short-circuit.



# Long-Distance Air supply

The Air-Flow distance could reach 15 m. The highest level in the market is just 12 m.



# Low Outlet Temperature

The outlet temperature could reach below 14°C in T3 work condition.

The lowest level in the market is 15°C-17°C.



# Dual Side Installation Multiple Fan Speed

Service-friendly Design. Both left and right sides of the indoor unit are possible for installation of connection piping and drainage hose.

Equipped with high efficiency PG motor, from low to turbo, the user can choose desired air flow according to personal preference.



# Fault Code indication

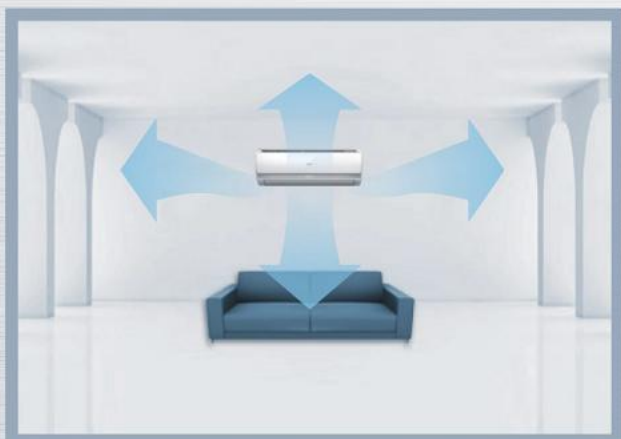
When the machine operates with problems, display section will show the corresponding fault code to make after-sales service more convenient and prompt.

Problem	Indoor Error Code
Room temperature sensor fault	E1
Outdoor coil temperature sensor fault	E2
Indoor coil temperature sensor fault	E3
Indoor fan motor or DC motor feedback fault	E4



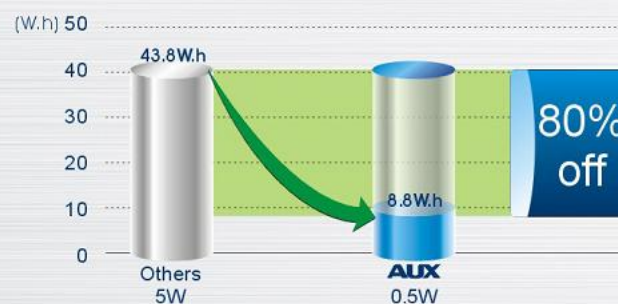
## 4D Airflow

Air blades and air louver can swing not only vertically but also horizontally, which helps to improve air distribution and flow, makes you feel more comfortable in hot summer and cold winter.



## 0.5W Standby

With newly designed PCB, the 0.5W Standby mode enables AUX products to cut energy consumption from 4-5W to 0.5W, compared with conventional air conditioners.



# Health



## Anti-Fungus Function

Air conditioner will start the Anti-Fungus function after the cooling and dehumidify mode. This function could prevent the fungus and bacteria from proliferating, to keep healthy and comfortable environment.



## Silver Ion Filter

The Nano Silver attached on the filter releases the Silver Ion constantly in order to eliminate bacteria effectively.



## Anti-Formaldehyde Filter

Anti-Formaldehyde filter filters out formaldehyde and other volatile organic compounds (VOCS) as well as harmful gases and odors.



## Vitamin C Filter

The Vitamin C filter softens the skin and reduces stress by filling the air with vitamin C. The lifetime of the Vitamin C filter is approximately two years.



## Bio Filter

Bio Filter consists of a specialized biological enzyme filter and Eco filter. The Eco filter catches very small airborne dust particles, bacteria, fungi and microbes. Biological enzyme filter eliminates bacteria by dissolving their cell wall thus to eliminate the problem of re-pollution.



## Plasma Dust Collector

The Plasma Dust Collector can generate an ionization zone. The air is ionized when it passes the high voltage ion generator. 95% of the dust, smoke, and particles are absorbed by the electrostatic filter.



## Compound Filter

Combine 3 filters from 6 different types including Silver Ion Filter, Anti-Formaldehyde Filter, Vitamin C Filter, Bio Filter, Vitamin-C & Anti-mites Filter and Super Lytic-enzyme PP HEPA Filter to meet your various needs simultaneously.



## Self-Cleaning

When this function is activated, firstly the indoor unit operates in cooling mode with low fan speed, during this period the condensed water will take dust on evaporator fins away. After that the unit turns to heating operation with low fan speed, which dries the inside of indoor unit. Finally it turns to fan-only mode and blows away the rest wet air. The whole process keeps the internal side of indoor unit dry and prevents the breeding of bacteria.



## Vitamin-C & Anti-mites Filter

The Vitamin C fresh air filter is made of Vitamin C emission material and synthetic fiber. When the air passes through the filter, Vitamin C will be blown out to make a fresh and healthy living environment. The super anti-mites filter is made of anti-mites material and polypropylene honeycomb. It effectively constrains the mite's growth and delivers a healthy air outlet as a result.



## Super Lytic-enzyme PP HEPA Filter

Lytic-enzyme PP HEPA filter is made of super lytic-enzyme compounded with PP HEPA and combined with Active-carbon filter. It has high filtration efficiency over 99.97% against micro-particles (above 0.3  $\mu$ m), the anti-bacterium reduction rate is over 99%, furthermore it is effective in resisting both A and B influenza virus.



## Ionizer

Anions can stimulate the blood circulation system, improve lung function and effectively prevent respiratory passage illnesses (Such as asthma and pneumonia).

# Reliability



## Golden Fin

The Golden hydrophilic fin can improve the heating efficiency by accelerating the defrosting process. The unique anticorrosive golden coating on the condenser can withstand the rain, salty air and other corrosive elements.



## Self-diagnosis Function

Monitoring some abnormal operations or parts of failures, and when the above cases appear, the system will switch off automatically. Meanwhile, the error of protection code will be displayed on the indoor unit.



## Valve Protection Cover

The outdoor unit is equipped with valve protection cover to protect the valves against impact during transportation. Also, it prevents the condensed water on the valve from dripping.



## Heating Belt (Outdoor)

With a PTC heating belt fitted on the base plate of the outdoor unit, the snow, frost or ice accumulating on the base plate can be defrosted when operating in low temperature or high wet environment.



## Top plate/cover improved

Reinforcing convex ribs design contributes to a stronger outdoor unit. Stronger design (3 line to 5 line) with convex rib.



## Super EMC performance

EMC approved, including EMI&EMS. Outstanding electromagnetic compatibility enables the unit to operate intelligently.



## Low Ambient Running (Heating Mode)

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 15°C in the winter time.



## Anti-Rust Cabinet

Galvanized outdoor unit.



## Refrigerant Leakage Detect

With this technology, the indoor unit will alarm when the outdoor unit detects a condition of refrigerant leakage.



## Low Ambient Cooling

The air conditioner with a special built-in Low Ambient module can be used in temperature as low as -15°C for cooling operation.



## Intelligent defrosting

When condenser frosts under heating mode in low ambient temp., AUX AC will start intelligent defrosting mode.



## Super Quiet design

The AC is designed with an optimized operating mechanism, for example, sound insulating materials for compressor, lower-noise fan motor and ventilation structure combining modern computer simulation technology with aerodynamics design, etc. It minimizes noises while ensures you a comfortable environment.



## Low Voltage Startup

AUX AC can safely start and steadily operate down to 165V. No need to worry about low voltage problem.



## Painted Steel for both sides

The outdoor unit adopts thick steel plate painted both sides which is not only water-proof, moisture-proof and mildew-proof, but also helps lower the vibration noise effectively.



## Backup Switch

A convenient ON/OFF switch on the indoor unit allows you to start up the system without remote controller.



## Fan blade

Serrated fan blade outputs less noise by diminishing the air resistance.



# Comfort



## iFavor

A "iFavor" button is set up to the remote control. With this button you can preset all the parameters (like temperature, operation mode, fan speed and other functions). Every time you press the "iFavor" button, the unit will run under the mode that was recorded. You don't need to reset the parameters after they are adjusted by other users, by which you can enjoy more convenience.



## iFeel

A temperature sensor is built in the remote control. When you stay close to the remote control, the unit will automatically choose the operation mode to achieve accurate and comfortable temperature control just like the air conditioner is following you.



## Powerful Heating Performance

With the combination of twin rotary DC compressor, EXV and PFC module, the heating performance in low temperature has been greatly improved.



## Two-Direction Airflow

In cooling mode, the indoor unit blows out cool air horizontally, uplifts the cool air and then the cool air will sink naturally due to high density; while in heating mode the indoor unit blows out warm air vertically, brings down warm air and then the warm air will go up naturally due to low density. The above design brings more comfortable cooling and heating.



## PTC Heater

With a built-in PTC heater, powerful heating performance is available even in extreme cold weather.



## Independent Dehumidification

The individual dehumidification mode dehumidifies the room efficiently but not lower the room temperature in cooling mode.



## Anti-Cold-Air (Heat Pump Only)

When starting the heating operation, the indoor fan automatically runs from the lowest speed to the preset level. This function can prevent cold air blowing out at the beginning of the operation, which avoids the discomfort to the user.



## Horizontal & Vertical Auto Swing

With the function of Horizontal & Vertical Auto Swing, the air flow range is maximized.



## Low Noise Airflow System

Without decreasing the air flow volume and capacity output, large diameter cross flow fan can bring down the noise of indoor unit by lowering the fan speed.



## Quick Cooling/Heating

Startup at high frequency increases cooling/heating capacity by 30% and reduces time to reach set temp. by 50%.



## Turbo Operation

When the air conditioner goes into Turbo mode, it will maximize the output of cooling or heating capacity, making the room cool down or heat up rapidly.

# Energy Saving



## DC Inverter 180° Sine Wave

Compared with 120° Square Wave, DC Inverter driving technology, the new 180° Sine Wave driving technology has considerable advantages: 1. Much wider range of frequency and voltage; 2. Higher energy efficiency; 3. Smoother running and lower noise; 4. More reliable & smooth operation.



## 0.5W Standby

With newly designed PCB, the 0.5W Standby mode enables AUX products to cut energy consumption from 4-5W to 0.5W, compared with conventional air conditioners.



## Trapeziform Innergroove Copper Piping

It makes refrigerant flow much faster, increases heat-exchange area by 20-30%, enhances the cooling/heating efficiency by 10%-20%.



## Multi-bend Evaporator

By enlarging evaporator area, it ensures higher heat-exchange efficiency with rather compact indoor unit design.



## Hydrophilic Aluminium Fin

In indoor unit, with Hydrophilic Aluminium Fins the cooling efficiency will be improved by accelerating the flow of condensed water between the fins. In outdoor unit, it improves heating efficiency by accelerating the defrosting process.



## Sleep Mode

The AC will automatically increase (cooling) or decrease (heating) 1°C per hour in the first 2 hours, and switch off after 5 hours. The sleep mode function helps to maintain the most comfortable temperature and saves more energy for you.

# Convenience



## Quick Connector

It makes the installation more convenient and costs less.



## Dual Sides Water Outlet

The water outlet can be installed on either left or right side of the water tray for your convenience.



## Panel supporter

It supports a safer and more convenient maintenance work.



## Optional Filter

More functional filter choices, more functions availability



## Auto-Restart

The AC can automatically memorize the operation settings when power is cut accidentally, it can return to previous settings when power resumes.



## Timer

The AC can be turned on or off at any setting time in 24-hr period.



## Air blade

Double-layer and balanced air blade design guarantees an even air outlet while with a further air reach.



## Washable Filter

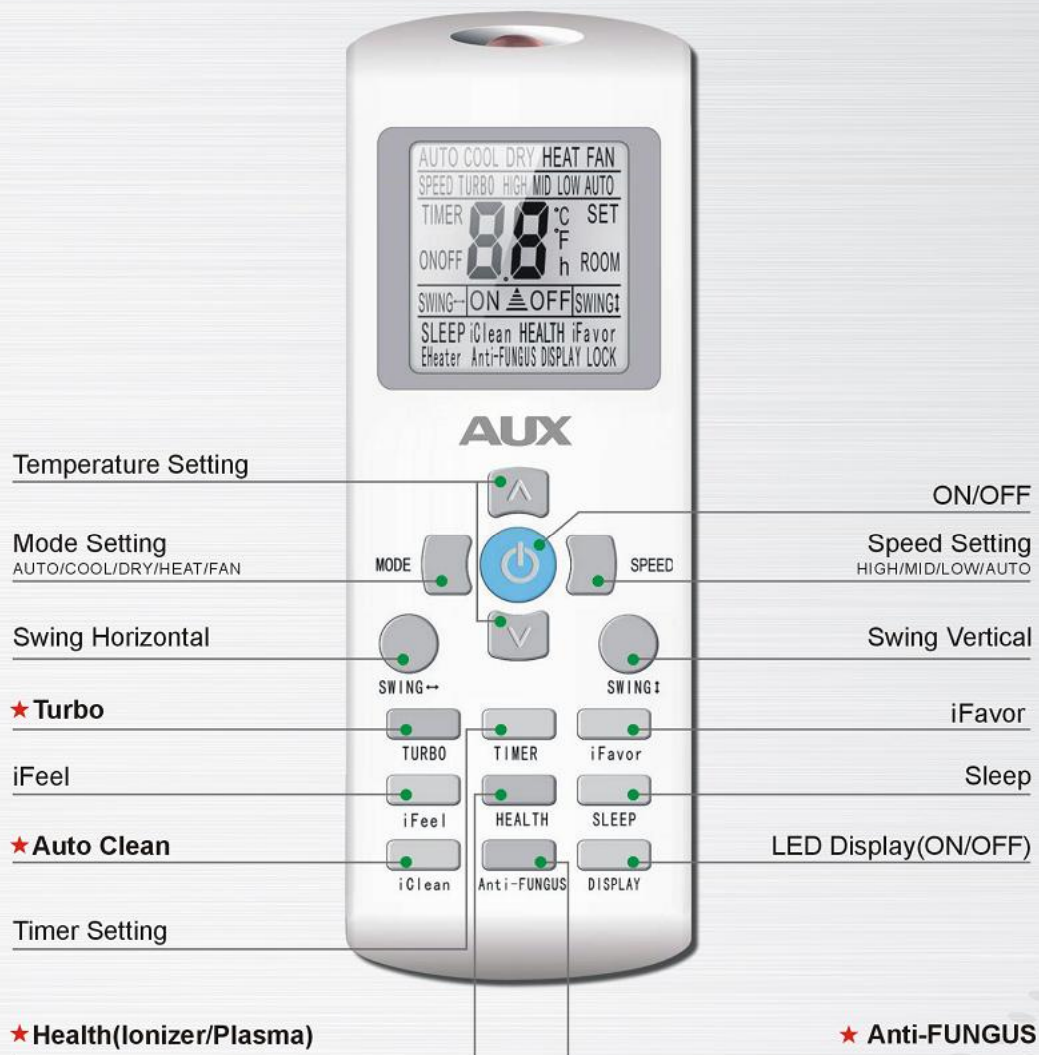
The indoor unit filter can be taken off and washed easily. It keeps clean air all the time.



## Wired Controller

Compared with infrared remote controller, Wired Controller can be fixed on the wall and avoid mislaying. It's mainly used for commercial zone and makes air conditioner control more convenient

# Remote Control



# Universal Product



## Super Quiet Design ---

Through the air tunnel optimization technology and equipped with big diameter fan and high efficiency PG motor, which help the indoor unit deliver a better air distribution and air flow with noise low to 20dB, providing you comfortable sleeping environment

## Multiple Fan Speed ---

Equiped with high efficiency PG motor, from low to turbo, the user can choose desired air flow according to personal habits.



**Libery Series**  
R410a 220~240V 50Hz

Specification		7K	9K	12K	18K	24K
<b>Type</b>		7K	9K	12K	18K	24K
<b>Capacity</b>						
Cooling Capacity	Btu/h	7000	9000	12000	18000	24000
	W	2100	2600	3500	5200	7000
Heating Capacity	Btu/h	7800	9200	12000	18000	24000
	W	2200	2700	3600	5300	7100
<b>Electrical</b>						
Power Input Cooling	W	650	810	1050	1600	2150
Power Input Heating	W	650	800	1050	1600	2150
Operating Current Cooling	A	3.00	3.50	4.50	6.80	9.00
Operating Current Heating	A	3.00	3.50	4.50	6.80	9.00
<b>Performance</b>						
EER	W/W	3.23	3.21	3.33	3.25	3.26
COP	W/W	3.38	3.38	3.43	3.31	3.30
Air Flow Volume (Indoor)	m <sup>3</sup> /h	450	580	650	960	1200
Noise Level (Indoor)	dB(A)	24	28	30	40	42
	(Outdoor) dB(A)	49	50	51	53	54
<b>Net Dimension &amp; Net Weight</b>						
Indoor (W*H*D)	mm	700x285x188	800x300x198	850x300x198	970x315x235	1100x330x235
Outdoor (W*H*D)	mm	600x490x250	700x500x225	760x540x260	800x590x300	800x690x300
Net Weight (Indoor/Outdoor)	kg	8.5/26	10/30	12/34	14/42	16/53
<b>Packing Dimension &amp; Gross Weight</b>						
Indoor (W*H*D)	mm	750x355x260	850x370x270	900x370x270	1025x385x305	1160x400x305
Outdoor (W*H*D)	mm	730x560x370	835x545x335	880x600x370	940x650x420	940x750x420
Gross Weight (Indoor/Outdoor)	kg	11/28	12/32	14/37	16/45	18/57
<b>Applicable Area &amp; Loading Quantity</b>						
Applicable Area	m <sup>2</sup>	8-15	10-20	13-27	20-40	30-55
Loading Quantity	20/40/40H	124/67/309	120/259/280	102/217/240	75/159/180	63/140/160

**Remarks:**

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

## Features

■ Optional ■ Standard

- iFeel
- Self-Cleaning
- Sleep Mode
- Anti-Fungus Function
- Anti-Cold-Air (Heat Pump Only)
- Self-diagnosis Function
- Powerful Dehumidification
- Super EMC performance
- Anti-Rust Cabinet
- Trapeziform Innergroove Copper Piping
- Timer
- Hydrophilic Aluminium Fin
- iFavor
- Golden Fin
- Bio Filter
- Silver Ion Filter
- Ionizer
- Auto-Restart

# Universal Product

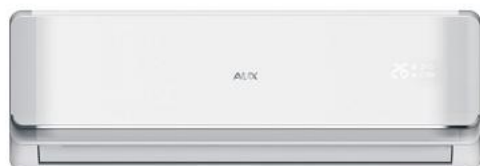


## Super Quiet Design

Through the air tunnel optimization technology and equipped with big diameter fan and high efficiency PG motor, which help the indoor unit deliver a better air distribution and air flow with noise low to 20dB, providing you comfortable sleeping environment

## Ionizer

Ions can stimulate the blood circulation system, improve lung function and effectively prevent respiratory illnesses (Such as asthma and pneumonia).



## Vois Series R410a 220~240V 50Hz

Specification			
Type		9K	12K
<b>Capacity</b>			
Cooling Capacity	Btu/h	9000	12000
	W	2400	3500
Heating Capacity	Btu/h	9200	12000
	W	2500	3550
<b>Electrical</b>			
Power Input Cooling	W	740	1080
Power Input Heating	W	730	1050
Operating Current Cooling	A	3.20	4.50
Operating Current Heating	A	3.30	4.50
<b>Performance</b>			
EER	W/W	3.24	3.24
COP	W/W	3.42	3.38
Air Flow Volume (Indoor)	m <sup>3</sup> /h	520	580
Noise Level (Indoor)	dB(A)	30	32
	(Outdoor) dB(A)	50	51
<b>Net Dimension &amp; Net Weight</b>			
Indoor (W*H*D)	mm	800x290x185	850x290x185
Outdoor (W*H*D)	mm	600x490x250	760x540x260
Net Weight (Indoor/Outdoor)	kg	10/30	11.5/34
<b>Packing Dimension &amp; Gross Weight</b>			
Indoor (W*H*D)	mm	900x370x270	920x380x280
Outdoor (W*H*D)	mm	730x560x370	880x600x370
Gross Weight (Indoor/Outdoor)	kg	12/28	14/37
<b>Applicable Area &amp; Loading Quantity</b>			
Applicable Area	m <sup>2</sup>	10-20	13-27
Loading Quantity	20/40/40H	124/255/300	105/220/255

**Remarks:**

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

## Features

■ Optional ■ Standard

- |                         |                           |                       |                      |                                       |
|-------------------------|---------------------------|-----------------------|----------------------|---------------------------------------|
| iFeel                   | Self-Cleaning             | Sleep Mode            | Anti-Fungus Function | Anti-Cold-Air (Heat Pump Only)        |
| Self-diagnosis Function | Powerful Dehumidification | Super EMC performance | Anti-Rust Cabinet    | Trapeziform Innergroove Copper Piping |
| Timer                   | Hydrophilic Aluminium Fin | iFavor                | Golden Fin           | Bio Filter                            |
| Silver Ion Filter       | Ionizer                   | Auto-Restart          |                      |                                       |

# New ERP Series



## Super Quiet Design

Through the air tunnel optimization technology and equipped with big diameter fan and high efficiency PG motor, which help the indoor unit deliver a better air distribution and air flow with noise low to 20dB, providing you comfortable sleeping environment

## Multiple Fan Speed

Equipped with high efficiency PG motor, from low to turbo, the user can choose desired air flow according to personal habits.



# New ERP Series(A+ +)



## Libery Series R410a 230V 50Hz



















Climatic zones of heating			Average			
Model			9K	12K	18K	24K
SEER/SCOP	W/W		6.7/4.6	6.7/4.6	6.5/4.6	6.5/4.6
Energy Class			A++/A++	A++/A++	A++/A++	A++/A++
Standby mode	W		0.5	0.5	0.5	0.5
Refrigerant	g		R410A/1000	R410A/1200	R410A/1750	R410A/2400
Cooling	Capacity	W	2700	3700	5400	7300
	Rated Input	W	845	1095	1649	2300
	Rated Current	A	3.7	4.8	7.1	10.0
Heating	Capacity	W	2900	3800	5500	7400
	Rated Input	W	820	1090	1570	2055
	Rated Current	A	3.9	5.2	7.4	9.4
Indoor unit	Air Flow Volume	m3/h	630	630	960	1290
	Noise sound pressure	dB(A)	40	41	45	50
	Sound power noise	dB(A)	51	51	58	62
	Net weight	Kg	11	11	13	18
	Net Dimension	mm	850*300*198	850*300*198	970*315*235	1100x330x235
	Packing Dimension	mm	900*370*270	900*370*270	1025*385*305	1160x400x305
Outdoor unit	Air Flow Volume	m3/h	2500	2700	2700	3200
	Noise sound pressure	dB(A)	53	57	57	63
	Sound power noise	dB(A)	61	65	65	67
	Net weight	Kg	33	46	46	60
	Net Dimension	mm	760x540x260	800x690x300	800x690x300	902x795x332
	Packing Dimension	mm	880x600x370	940x750x420	940x750x420	1030x860x430
Applicable Area	m2		10-20	13-27	20-40	30-55
Loading Quantity	20/40/40H		102/217/240	71/156/180	66/144/164	56/120/129

**Remarks:**

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

## Features

■ Optional ■ Standard

-  iFeel
-  Self-Cleaning
-  Sleep Mode
-  Anti-Fungus Function
-  Anti-Cold-Air (Heat Pump Only)
-  Self-diagnosis Function
-  Powerful Dehumidification
-  Super EMC performance
-  Anti-Rust Cabinet
-  Trapeziform Innergroove Copper Piping
-  Timer
-  Hydrophilic Aluminium Fin
-  iFavor
-  Golden Fin
-  Bio Filter
-  Silver Ion Filter
-  Ionizer
-  Auto-Restart

# New ERP Series(A+)



## Libery Series R410a 230V 50Hz

Climatic zones of heating			Average			
Model			9K	12K	18K	24K
SEER/SCOP	W/W		6.1/4.0	6.1/4.0	6.1/4.0	6.1/4.0
Energy Class			A++/A+	A++/A+	A++/A+	A++/A+
Standby mode	W		0.5	0.5	0.5	0.5
Refrigerant	g		R410A/760	R410A/950	R410A/1680	R410A/2130
Cooling	Capacity	W	2700	3700	5400	7300
	Rated Input	W	838	1150	1677	2267
	Rated Current	A	3.6	5.1	7.3	9.8
Heating	Capacity	W	2800	3800	5500	7400
	Rated Input	W	775	1053	1523	2049
	Rated Current	A	3.4	4.6	6.6	8.9
Indoor unit	Air Flow Volume	m3/h	570	570	960	1180
	Noise sound pressure	dB(A)	40	41	45	50
	Sound power noise	dB(A)	51	51	58	62
	Net weight	Kg	10	10	11	18
	Net Dimension	mm	800x300x198	800x300x198	970x315x235	1100x330x235
	Packing Dimension	mm	850x370x270	850x370x270	1025x385x305	1160x400x305
Outdoor unit	Air Flow Volume	m3/h	1900	2500	2700	3200
	Noise sound pressure	dB(A)	49	53	57	63
	Sound power noise	dB(A)	59	61	65	67
	Net weight	Kg	28	33	46	60
	Net Dimension	mm	720x540x260	760x540x260	800x690x300	902x795x332
	Packing Dimension	mm	850x620x370	880x600x370	940x750x420	1030x860x430
Applicable Area	m2	10-20	13-27	20-40	30-55	
Loading Quantity	20/40/40H	110/231/268	98/211/245	66/144/164	56/120/129	

Remarks:

- 1.The above designs and specifications are subject to change due to product improvement without prior notice.
- 2.The noise level data reflect the level in anechoic chamber.

## Features

Optional Standard

- iFeel
- Self-Cleaning
- Sleep Mode
- Anti-Fungus Function
- Anti-Cold-Air (Heat Pump Only)
- Self-diagnosis Function
- Powerful Dehumidification
- Super EMC performance
- Anti-Rust Cabinet
- Trapeziform Innergroove Copper Piping
- Timer
- Hydrophilic Aluminium Fin
- iFavor
- Golden Fin
- Bio Filter
- Silver Ion Filter
- Ionizer
- Auto-Restart

# New ERP Series(A)



## Libery Series R410a 230V 50Hz









Climatic zones of heating			Average			
Model			9K	12K	18K	24K
SEER/SCOP	W/W		6.1/3.8	6.1/3.8	6.1/3.8	6.1/3.8
Energy Class			A++/A	A++/A	A++/A	A++/A
Standby mode	W		0.5	0.5	0.5	0.5
Refrigerant	g		R410A/760	R410A/950	R410A/1680	R410A/2130
Cooling	Capacity	W	2500	3500	5100	7000
	Rated Input	W	776	1086	1584	2173
	Rated Current	A	3.5	4.9	7.2	10.2
Heating	Capacity	W	2700	3700	5400	7300
	Rated Input	W	747	1024	1500	2022
	Rated Current	A	3.3	4.5	6.53	8.8
Indoor unit	Air Flow Volume	m3/h	570	570	960	1180
	Noise sound pressure	dB(A)	40	41	45	50
	Sound power noise	dB(A)	51	51	58	62
	Net weight	Kg	10	10	13	18
	Net Dimension	mm	800x300x198	800x300x198	970x315x235	1100x330x235
	Packing Dimension	mm	850x370x270	850x370x270	1025x385x305	1160x400x305
Outdoor unit	Air Flow Volume	m3/h	1900	2500	2700	3200
	Noise sound pressure	dB(A)	49	53	57	63
	Sound power noise	dB(A)	59	61	65	67
	Net weight	Kg	28	30	46	60
	Net Dimension	mm	720x540x260	760x540x260	800x690x300	902x795x332
	Packing Dimension	mm	850x620x370	880x600x370	940x750x420	1030x860x430
Applicable Area	m2	10-20	13-27	20-40	30-55	
Loading Quantity	20/40/40H	110/231/268	98/211/245	66/144/164	56/120/129	

Remarks:

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

### Features

■ Optional ■ Standard

-  iFeel
-  Self-Cleaning
-  Sleep Mode
-  Anti-Fungus Function
-  Anti-Cold-Air (Heat Pump Only)
-  Self-diagnosis Function
-  Powerful Dehumidification
-  Super EMC performance
-  Anti-Rust Cabinet
-  Trapeziform Innergroove Copper Piping
-  Timer
-  Hydrophilic Aluminium Fin
-  iFavor
-  Golden Fin
-  Bio Filter
-  Silver Ion Filter
-  Ionizer
-  Auto-Restart

# New ERP Series(A+)



**Navi Series**  
R410a 230V 50Hz

Climatic zones of heating			Average			
Model			9K	12K	18K	24K
SEER/SCOP	W/W		6.62/4.1	6.5/4.15	6.55/4.13	6.52/4.1
Energy Class			A++/A+	A++/A+	A++/A+	A++/A+
Standby mode	W		0.5	0.5	0.5	0.5
Refrigerant	g		R410A/1050	R410A/1100	R410A/1750	R410A/2100
Cooling	Capacity	W	2600	3600	5200	7000
	Rated Input	W	620	940	1500	2060
	Rated Current	A	3.2	5.3	7	10.7
Heating	Capacity	W	2700	3700	5300	7300
	Rated Input	W	800	1050	1700	2050
	Rated Current	A	3.5	5.5	7.8	10.7
Indoor unit	Air Flow Volume	m3/h	630	630	920	1200
	Noise sound pressure	dB(A)	42	43	46	52
	Sound power noise	dB(A)	53	54	59	64
	Net weight	Kg	10.5	10.5	12	19
	Net Dimension	mm	880x280x208	880x280x208	940x300x232	1185x322x235
	Packing Dimension	mm	935x350x270	935x350x270	993x360x285	1300x440x380
Outdoor unit	Air Flow Volume	m3/h	2500	2500	2700	3200
	Noise sound pressure	dB(A)	53	53	57	63
	Sound power noise	dB(A)	61	61	65	67
	Net weight	Kg	33	33	46	60
	Net Dimension	mm	760x540x260	760x540x260	800x690x300	902x795x332
	Packing Dimension	mm	880x600x370	880x600x370	940x750x420	1030x860x430
Applicable Area	m2	10-20	13-27	20-40	30-55	
Loading Quantity	20/40/40H	102/200/248	102/200/248	72/141/170	45/94/110	
Optional Panel Series		S/K/N	S/K/N	S/K/N	S/K/N	

**Remarks:**

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- 2.The noise level data reflect the level in anechoic chamber.

## Features

■ Optional ■ Standard

-  Auto-Restart
-  Sleep Mode
-  Self-Cleaning
-  Anti-Rust Cabinet
-  Anti-Fungus Function
-  Self-diagnosis Function
-  Powerful Dehumidification
-  Super EMC performance
-  Anti-Cold-Air (Heat Pump Only)
-  Quick Cooling/Heating
-  Timer
-  Hydrophilic Aluminium Fin
-  iFavor
-  Golden Fin
-  Plasma Dust Collector
-  Compound Filter
-  Ionizer
-  Silver Ion Filter
-  Anti-Formaldehyde Filter

# New ERP Series(A)



## Navi Series R410a 230V 50Hz

Climatic zones of heating			Average			
Model			9K	12K	18K	24K
SEER/SCOP	W/W		5.7/3.8	5.7/3.8	5.9/3.92	5.95/3.91
Energy Class			A+/A	A+/A	A+/A	A+/A
Standby mode	W		0.5	0.5	0.5	0.5
Refrigerant	g		R410A/770	R410A/900	R410A/1750	R410A/2100
Cooling	Capacity	W	2500	3500	5200	7000
	Rated Input	W	778	1080	1500	2100
	Rated Current	A	3.4	5.0	7.9	11
Heating	Capacity	W	2600	3600	5300	7300
	Rated Input	W	715	984	1710	2550
	Rated Current	A	3.2	4.6	9.2	11.5
Indoor unit	Air Flow Volume	m3/h	530	530	920	1200
	Noise sound pressure	dB(A)	42	42	47	52
	Sound power noise	dB(A)	53	53	60	64
	Net weight	Kg	7	7	12	19
	Net Dimension	mm	802x265x190	802x265x190	940x300x220	1185x322x244
	Packing Dimension	mm	860x325x255	860x325x255	993x360x285	1300x440x380
Outdoor unit	Air Flow Volume	m3/h	1900	2500	2700	3200
	Noise sound pressure	dB(A)	52	53	57	63
	Sound power noise	dB(A)	60	61	65	67
	Net weight	Kg	28	30	45	60
	Net Dimension	mm	720x540x260	760x540x260	800x690x300	902x795x332
	Packing Dimension	mm	850x620x370	880x600x370	940x750x420	1030x860x430
Applicable Area	m2	10-20	13-27	20-40	30-55	
Loading Quantity	20/40/40H	114/240/280	106/216/260	72/141/170	45/94/110	
Optional Panel Series		S/K	S/K	S/K/N	S/K/N	

Remarks:

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

## Features

■ Optional ■ Standard

Auto-Restart	Sleep Mode	Self-Cleaning	Anti-Rust Cabinet	Anti-Fungus Function
Self-diagnosis Function	Powerful Dehumidification	Super EMC performance	Anti-Cold-Air (Heat Pump Only)	Quick Cooling/Heating
Timer	Hydrophilic Aluminium Fin	iFavor	Golden Fin	Plasma Dust Collector
Compound Filter	Ionizer	Silver Ion Filter	Anti-Formaldehyde Filter	

# NEW ERP Eurovent Product



## DC Inverter 180° Sine Wave

Compared with 120° Square Wave, DC Inverter driving technology, the new 180° Sine Wave driving technology has considerable advantages: 1. Much wider range of frequency and voltage; 2. higher energy efficiency; 3. Smoother running and lower noise; 4. More reliable & smooth operation.

## Ionizer

Ions can stimulate the blood circulation system, improve lung function and effectively prevent respiratory illnesses (such as asthma and pneumonia).

# NEW ERP Eurovent Product



## KAESAR Series R410a 230V 50Hz

Climatic zones of heating			Average			
Model			9K	12K	18K	24K
SEER/SCOP	W/W		6.62/4.1	6.5/4.15	6.55/4.13	6.52/4.1
Energy Class			A++/A+	A++/A+	A++/A+	A++/A+
Standby mode	W		0.5	0.5	0.5	0.5
Refrigerant	g		R410A/1050	R410A/1100	R410A/1750	R410A/2100
Cooling	Capacity	W	2600	3600	5200	7000
	Rated Input	W	620	940	1500	2060
	Rated Current	A	3.2	5.3	7	10.7
Heating	Capacity	W	2700	3700	5300	7300
	Rated Input	W	800	1050	1700	2050
	Rated Current	A	3.5	5.5	7.8	10.7
Indoor unit	Air Flow Volume	m3/h	630	630	920	1200
	Noise sound pressure	dB(A)	42	43	46	52
	Sound power noise	dB(A)	53	54	59	64
	Net weight	Kg	10.5	10.5	12	19
	Net Dimension	mm	880×280×208	880×280×208	940×300×232	1185×322×235
	Packing Dimension	mm	935×350×270	935×350×270	993×360×285	1300×440×380
Outdoor unit	Air Flow Volume	m3/h	2500	2500	2700	3200
	Noise sound pressure	dB(A)	53	53	57	63
	Sound power noise	dB(A)	61	61	65	67
	Net weight	Kg	33	33	46	60
	Net Dimension	mm	760×540×260	760×540×260	800×690×300	900×790×310
	Packing Dimension	mm	880×600×370	880×600×370	940×750×420	1030×860×430
Applicable Area	m2	10-20	13-27	20-40	30-55	
Loading Quantity	20/40/40H	102/200/248	102/200/248	72/141/170	42/90/105	
Optional Panel Series		S/K/N	S/K/N	S/K/N	S/K/N	

**Remarks:**

- 1.The above designs and specifications are subject to change due to product improvement without prior notice.
- 2.The noise level data reflect the level in anechoic chamber.

## Features

■ Optional ■ Standard

Auto-Restart	Sleep Mode	Self-Cleaning	Anti-Rust Cabinet	Anti-Fungus Function
Self-diagnosis Function	Powerful Dehumidification	Super EMC performance	Anti-Cold-Air (Heat Pump Only)	Quick Cooling/Heating
Timer	Hydrophilic Aluminium Fin	iFavor	Golden Fin	Plasma Dust Collector
Compound Filter	Ionizer	Silver Ion Filter	Anti-Formaldehyde Filter	

# Super EER Series



## Quick Cooling/Heating

Startup at high frequency increases cooling/heating capacity by 30% and reduces time to reach set temp. by 50%.

## Compound Filter

The compound filter, which employs unique filtration technology, is efficient in removing tobacco smoke, dust, pollen, and mold spores, animal dander and in killing bacteria.



# Super EER Series

## ON/OFF

### KAESAR Series

R410a 220~240V 50Hz



Specification		9K	12K	18K	24K
<b>Type</b>					
<b>Capacity</b>					
Cooling Capacity	Btu/h	9000	12000	18000	24000
	W	2650	3550	5200	7000
Heating Capacity	Btu/h	9000	12000	18000	24000
	W	2600	3500	5200	7000
<b>Electrical</b>					
Power Input Cooling	W	687	920	1376	1913
Power Input Heating	W	685	926	1400	1939
Operating Current Cooling	A	3.00	4.00	6.00	8.32
Operating Current Heating	A	3.00	4.00	6.10	8.43
<b>Performance</b>					
EER	W/W	3.86	3.86	3.78	3.66
COP	W/W	3.81	3.78	3.71	3.61
Air Flow Volume (Indoor)	m <sup>3</sup> /h	720	720	1150	1200
Noise Level (Indoor)	dB(A)	32	32	40	42
	(Outdoor) dB(A)	51	52	54	56
<b>Net Dimension &amp; Net Weight</b>					
Indoor (W*H*D)	mm	880x280x208	880x280x208	1080x300x232	1185x322x235
Outdoor (W*H*D)	mm	760x540x260	790x548x277	800x690x300	902x795x332
Net Weight (Indoor/Outdoor)	kg	11.5/34	11.5/37	15/49	19/65
<b>Packing Dimension &amp; Gross Weight</b>					
Indoor (W*H*D)	mm	935x350x270	935x350x270	1136x360x285	1300x440x380
Outdoor (W*H*D)	mm	880x600x370	910x600x385	940x750x420	1030x860x430
Gross Weight (Indoor/Outdoor)	kg	13/37	13/40	17/52	21/74
<b>Applicable Area &amp; Loading Quantity</b>					
Applicable Area	m <sup>2</sup>	10-20	13-27	20-40	30-55
Loading Quantity	20/40/40H	102/200/248	85/183/215	70/135/156	45/94/110
<b>Optional Panel Series</b>		S/K/N	S/K/N	S/K/N	S/K/N

**Remarks:**

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

## Features

■ Optional ■ Standard

- |                         |                           |                       |                                |                       |
|-------------------------|---------------------------|-----------------------|--------------------------------|-----------------------|
| Auto-Restart            | Sleep Mode                | Self-Cleaning         | Anti-Rust Cabinet              | Anti-Fungus Function  |
| Self-diagnosis Function | Powerful Dehumidification | Super EMC performance | Anti-Cold-Air (Heat Pump Only) | Quick Cooling/Heating |
| Timer                   | Hydrophilic Aluminium Fin | iFavor                | Golden Fin                     | Plasma Dust Collector |
| Compound Filter         | Ionizer                   | Silver Ion Filter     | Anti-Formaldehyde Filter       |                       |

# Super EER Series

## DC Inverter



### KAESAR Series

R410a 220~240V 50Hz

Specification					
Type		9K	12K	18K	24K
<b>Capacity</b>					
Cooling Capacity	Btu/h	9000(4100~11800)	12000(4950~ 14650)	18000(6150~ 20200)	24000(6300~26000)
	W	2750(1200~3450)	3650(1450~ 4293)	5300(1800~ 5920)	7100(1850~7620)
Heating Capacity	Btu/h	9600(4100~11250)	12500(4780~14500)	19000(4780~ 21500)	24000(4780~26200)
	W	2700(1400~3300)	3600(1400~4200)	5300(1400~ 6300)	7100(1400~7678)
<b>Electrical</b>					
Power Input Cooling	W	670(350~1350)	890(380~ 1500)	1373(500~2100)	1940(570~2400)
Power Input Heating	W	675(360~1540)	900(380~1750)	1376(450~ 2400)	1945(550~2700)
Operating Current Cooling	A	3.5(1.5~5.9)	4.6(1.7~6.5)	7.23(2.2~9.3)	10.21(3.5~12.5)
Operating Current Heating	A	3.38(1.6~6.7)	4.5(1.7~7.0)	6.88(2.0~10.5)	9.73(3.4~13.0)
<b>Performance</b>					
EER	WW	4.10	4.10	3.86	3.66
COP	WW	4.00	4.00	3.85	3.65
Air Flow Volume (Indoor)	m <sup>3</sup> /h	700	700	950	1200
Noise Level (Indoor)	dB(A)	39/34/32	39/34/32	45/40/38	49/44/42
	(Outdoor) dB(A)	51	51	54	56
<b>Net Dimension &amp; Net Weight</b>					
Indoor (W*H*D)	mm	880x286x203	880x286x203	940x300x220	1185x322x235
Outdoor (W*H*D)	mm	760x540x260	760x540x260	800x690x300	902x795x332
Net Weight (Indoor/Outdoor)	kg	11.5/36	11.5/38	14/50	19/66
<b>Packing Dimension &amp; Gross Weight</b>					
Indoor (W*H*D)	mm	935x350x270	935x350x270	993x360x285	1300x440x380
Outdoor (W*H*D)	mm	880x600x370	880x600x370	940x750x420	1030x860x430
Gross Weight (Indoor/Outdoor)	kg	13/39	13/41	16/53	21/75
<b>Applicable Area &amp; Loading Quantity</b>					
Applicable Area	m <sup>2</sup>	10-20	13-27	20-40	30-55
Loading Quantity	20/40/40H	102/200/248	102/200/248	72/141/170	45/94/110
<b>Optional Panel Series</b>					
		S/K/N	S/K/N	S/K/N	S/K/N

Remarks:

- 1.The above designs and specifications are subject to change due to product improvement without prior notice.
- 2.The noise level data reflect the level in anechoic chamber.

## Features

■ Optional ■ Standard

- Auto-Restart
- Sleep Mode
- Self-Cleaning
- Anti-Rust Cabinet
- Anti-Fungus Function
- Self-diagnosis Function
- Powerful Dehumidification
- Super EMC performance
- Anti-Cold-Air (Heat Pump Only)
- Quick Cooling/Heating
- Timer
- Hydrophilic Aluminium Fin
- iFavor
- Golden Fin
- Plasma Dust Collector
- Compound Filter
- Ionizer
- Silver Ion Filter
- Anti-Formaldehyde Filter



# DC Inverter

## IMQ CLIMA

**KAESAR Series**  
R410a 220~240V 50Hz

### Specification

Type		9K	12K	18K	24K
<b>Capacity</b>					
Cooling Capacity	Btu/h	9000(5120~12300)	12000(5120~ 16380)	18000(6150~ 20200)	24000(6300~26000)
	W	2700(1500~3600)	3700(1500~ 4800)	5300(1800~ 5920)	7100(1850~7620)
Heating Capacity	Btu/h	10060(4780~15350)	13470(5800~17750)	19000(4780~ 21500)	24000(4780~26200)
	W	2950(1400~4500)	3950(1700~5200)	5300(1400~ 6300)	7100(1400~7678)
<b>Electrical</b>					
Power Input Cooling	W	680(350~1330)	950(300~ 1650)	1373(500~2100)	1940(570~2400)
Power Input Heating	W	690(370~1420)	940(320~1750)	1341(450~ 2400)	1844(550~2700)
Operating Current Cooling	A	3.9(1.75~7.8)	4.82(1.8~8.1)	7.23(2.2~9.3)	10.21(3.5~12.5)
Operating Current Heating	A	4.10(2.2~8.1)	4.80(1.9~8.3)	6.88(2.0~10.5)	9.73(3.4~13.0)
<b>Performance</b>					
EER	W/W	3.97	3.89	3.86	3.66
COP	W/W	4.27	4.20	3.95	3.85
Air Flow Volume (Indoor)	m <sup>3</sup> /h	700	700	950	1200
Noise Level (Indoor)	dB(A)	32	32	38	42
	(Outdoor) dB(A)	51	51	54	56
<b>Net Dimension &amp; Net Weight</b>					
Indoor (W*H*D)	mm	880x286x203	880x286x203	940x300x220	1185x322x235
Outdoor (W*H*D)	mm	760x540x260	760x540x260	800x690x300	902x795x332
Net Weight (Indoor/Outdoor)	kg	11.5/38	11.5/38	14/50	19/66
<b>Packing Dimension &amp; Gross Weight</b>					
Indoor (W*H*D)	mm	935x350x270	935x350x270	993x360x285	1300x440x380
Outdoor (W*H*D)	mm	880x600x370	880x600x370	940x750x420	1030x860x430
Gross Weight (Indoor/Outdoor)	kg	13/40	13/41	16/53	21/75
<b>Applicable Area &amp; Loading Quantity</b>					
Applicable Area	m <sup>2</sup>	10-20	13-27	20-40	30-55
Loading Quantity	20/40/40H	102/200/248	102/200/248	72/141/170	45/94/110
Optional Panel Series		S/K/N	S/K/N	S/K/N	S/K/N

**Remarks:**

- 1.The above designs and specifications are subject to change due to product improvement without prior notice.
- 2.The noise level data reflect the level in anechoic chamber.

### Features

■ Optional ■ Standard

- |                         |                           |                       |                                |                       |
|-------------------------|---------------------------|-----------------------|--------------------------------|-----------------------|
| Auto-Restart            | Sleep Mode                | Self-Cleaning         | Anti-Rust Cabinet              | Anti-Fungus Function  |
| Self-diagnosis Function | Powerful Dehumidification | Super EMC performance | Anti-Cold-Air (Heat Pump Only) | Quick Cooling/Heating |
| Timer                   | Hydrophilic Aluminium Fin | iFavor                | Golden Fin                     | Plasma Dust Collector |
| Compound Filter         | Ionizer                   | Silver Ion Filter     | Anti-Formaldehyde Filter       |                       |

# Australia MEPS Series



## iFavor

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A "iFavor" button is set up to the remote control. With this button you can preset all the parameters (like temperature, operation mode, fan speed and other functions). Every time you press the "iFavor" button, the unit will run under the mode that recorded. You don't need to reset the parameters after they are adjusted by other users, by which you can enjoy more convenience.

## Dual Sides Water Outlet

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The water outlet can be installed on either left or right side of the water tray for your convenience.

# Australia MEPS Series

## DC Inverter



### SHE-RA Series R410a 220~240V 50Hz

Specification		9K	12K	18K	24K
<b>Capacity</b>					
Cooling Capacity	Btu/h	9000(5100~11000)	12000(5100~ 15300)	18000(3400~ 19000)	24000(7700~27000)
	W	2500(1500~3200)	3500(1500~ 4500)	5300(1000~ 5600)	7000(2200~7700)
Heating Capacity	Btu/h	9000(4800~14000)	12000(5800~15700)	18000(3100~ 22200)	24000(7700~29000)
	W	2700(1400~4100)	3500(1700~4600)	5000(900~ 6500)	6400(2200~8500)
<b>Electrical</b>					
Power Input Cooling	W	680(350~1330)	950(300~ 1650)	1470(450~2100)	2100(700~3400)
Power Input Heating	W	690(370~1420)	960(320~1750)	1500(450~ 2500)	1945(700~3700)
Operating Current Cooling	A	3.9(1.75~7.8)	4.82(1.8~8.1)	8.2(2.3~9.2)	11(3.3~15.5)
Operating Current Heating	A	4.1(2.2~8.1)	4.8(1.9~8.3)	8.2(2.0~11)	8.5(3.2~16.5)
<b>Performance</b>					
EER	W/W	3.80	3.75	3.30	3.27
COP	W/W	4.22	3.89	3.40	3.27
Air Flow Volume (Indoor )	m3/h	620	620	920	1300
Noise Level (Indoor )	dB(A)	32	32	38	44
	(Outdoor) dB(A)	51	51	54	56
<b>Net Dimension &amp; Net Weight</b>					
Indoor (W*H*D)	mm	880x286x203	880x286x203	940x300x220	1310x322x235
Outdoor (W*H*D)	mm	760x540x260	760x540x260	800x690x300	902x795x332
Net Weight (Indoor/Outdoor)	kg	12/32	12/32	15/45	20/68
<b>Packing Dimension &amp; Gross Weight</b>					
Indoor (W*H*D)	mm	935x350x270	935x350x270	993x360x285	1420x440x380
Outdoor (W*H*D)	mm	880x600x370	880x600x370	940x750x420	1030x860x430
Gross Weight (Indoor/Outdoor)	kg	13.5/35	13.5/35	17/48	22/77
<b>Applicable Area &amp; Loading Quantity</b>					
Applicable Area	m <sup>2</sup>	10-20	13-27	20-40	30-55
Loading Quantity	20/40/40H	102/200/248	102/200/248	72/141/170	72/141/170
<b>Optional Panel Series</b>		S/K/N	S/K/N	S/K/N	S

**Remarks:**

- 1.The above designs and specifications are subject to change due to product improvement without prior notice.
- 2.The noise level data reflect the level in anechoic chamber.

## Features

■ Optional ■ Standard

- |                         |                           |                       |                                |                       |
|-------------------------|---------------------------|-----------------------|--------------------------------|-----------------------|
| Auto-Restart            | Sleep Mode                | Self-Cleaning         | Anti-Rust Cabinet              | Anti-Fungus Function  |
| Self-diagnosis Function | Powerful Dehumidification | Super EMC performance | Anti-Cold-Air (Heat Pump Only) | Quick Cooling/Heating |
| Timer                   | Hydrophilic Aluminium Fin | iFavor                | Golden Fin                     | Plasma Dust Collector |
| Compound Filter         | Ionizer                   | Silver Ion Filter     | Anti-Formaldehyde Filter       |                       |

# Australia MEPS Series



## ON/OFF

**SHE-RA Series**  
R410a 220~240V 50Hz

Specification		9K	12K	18K	22K	24K
<b>Type</b>						
<b>Capacity</b>						
Cooling Capacity	Btu/h	9000	12000	18000	22000	24000
	W	2600	3400	4950	6700	7000
Heating Capacity	Btu/h	9000	12000	18000	22000	24000
	W	2500	3300	5200	6700	6800
<b>Electrical</b>						
Power Input Cooling	W	680	900	1450	1950	2100
Power Input Heating	W	650	880	1500	2000	2100
Operating Current Cooling	A	3	4	6.3	8.8	10
Operating Current Heating	A	2.8	3.9	6.5	8.8	10
<b>Performance</b>						
EER	W/W	3.71	3.78	3.58	3.38	3.33
COP	W/W	3.90	3.71	3.91	3.62	3.24
Air Flow Volume (Indoor)	m3/h	540	680	850	1200	1350
Noise Level	(Indoor) dB(A)	32	32	40	42	44
	(Outdoor) dB(A)	51	52	54	56	56
<b>Net Dimension &amp; Net Weight</b>						
Indoor (W*H*D)	mm	880x286x203	880x286x203	940x300x220	1185x322x235	1310x322x235
Outdoor (W*H*D)	mm	760x540x260	790x548x277	800x690x300	902x795x332	902x795x332
Net Weight (Indoor/Outdoor)	kg	10.5/31	10.5/34	14/47	19/61	22/63
<b>Packing Dimension &amp; Gross Weight</b>						
Indoor (W*H*D)	mm	935x350x270	935x350x270	993x360x285	1300x440x380	1420x440x380
Outdoor (W*H*D)	mm	880x600x370	910x600x385	940x750x420	1030x860x430	1030x860x430
Gross Weight (Indoor/Outdoor)	kg	12/33	12/36	16/50	21/70	24/72
<b>Applicable Area &amp; Loading Quantity</b>						
Applicable Area	m <sup>2</sup>	10-20	13-27	20-40	25-50	30-55
Loading Quantity	20/40/40H	102/200/248	85/183/215	72/141/170	45/94/110	42/90/105
Optional Panel Series		S/K/N	S/K/N	S/K/N	S/K/N	S

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

## Features

■ Optional ■ Standard

- Auto-Restart
- Sleep Mode
- Self-Cleaning
- Anti-Rust Cabinet
- Anti-Fungus Function
- Self-diagnosis Function
- Powerful Dehumidification
- Super EMC performance
- Anti-Cold-Air (Heat Pump Only)
- Quick Cooling/Heating
- Timer
- Hydrophilic Aluminium Fin
- iFavor
- Golden Fin
- Plasma Dust Collector
- Compound Filter
- Ionizer
- Silver Ion Filter
- Anti-Formaldehyde Filter

# Saudi Star Series



## Energy Saving

SASO 6 stars standard . Leading the new Era for energy saving.

## High Ambient Working

Equipped with advanced compressor, quick cooling and excellent performance in T3 working condition (55°C).

# Saudi Star Series



## Libery Series R410a 220~240V 60Hz

Specification							
Type		12K	12K	18K	18K	24K	24K
<b>Capacity</b>							
Cooling Capacity	Btu/h	12000	12000	18000	18000	22749	22749
	W	3517	3517	5250	5250	6667	6667
Heating Capacity	Btu/h	/	12000	/	18000	/	22800
	W	/	3517	/	5270	/	6682
<b>Electrical</b>							
Power Input Cooling	W	1000	1000	1500	1500	1900	1900
Power Input Heating	W	/	1000	/	1500	/	1900
Operating Current Cooling	A	4.30	4.30	6.50	6.50	8.15	8.15
Operating Current Heating	A	/	4.00	/	6.80	/	8.5
<b>Performance</b>							
EER	W/W	12.00	12.00	12.00	12.00	11.97	11.97
COP	W/W	/	12.00	/	12.00	/	12.00
Air Flow Volume (Indoor)	m3/h	650	650	960	960	1200	1200
Noise Level (Indoor)	dB(A)	40	40	44	44	46	46
	(Outdoor) dB(A)	54	54	56	56	58	58
<b>Net Dimension &amp; Net Weight</b>							
Indoor (W*H*D)	mm	850x300x198	850x300x198	970x315x235	970x315x235	1100x330x235	1100x330x235
Outdoor (W*H*D)	mm	760x540x260	760x540x260	800x690x300	800x690x300	800x690x300	800x690x300
Net Weight (Indoor/Outdoor)	kg	11/26	11/27	13/41	13/45	15/45	15/46
<b>Packing Dimension &amp; Gross Weight</b>							
Indoor (W*H*D)	mm	900x370x270	900x370x270	1025x385x305	1025x385x305	1160x400x305	1160x400x305
Outdoor (W*H*D)	mm	880x600x370	880x600x370	940x750x420	940x750x420	940x750x420	940x750x420
Gross Weight (Indoor/Outdoor)	kg	12/28	12/29	15/43	15/47	17/48	17/49
<b>Applicable Area &amp; Loading Quantity</b>							
Applicable Area	m <sup>2</sup>	13-27	13-27	20-40	20-40	30-55	30-55
Loading Quantity	20/40/40H	102/217/240	102/217/240	66/140/160	66/140/160	63/140/150	63/140/150

**Remarks:**

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

## Features

■ Optional ■ Standard

iFeel	Self-Cleaning	Sleep Mode	Anti-Fungus Function	Anti-Cold-Air (Heat Pump Only)
Self-diagnosis Function	Powerful Dehumidification	Super EMC performance	Anti-Rust Cabinet	Trapeziform Innergroove Copper Piping
Timer	Hydrophilic Aluminium Fin	iFavor	Golden Fin	Bio Filter
Silver Ion Filter	Ionizer	Auto-Restart		



# Saudi Star Series



## SHE-RA Series

R410a 220~240V 60Hz

Specification							
Type		12K	12K	18K	18K	24K	24K
<b>Capacity</b>							
Cooling Capacity	Btu/h	11225	11225	17777	17777	21666	21666
	W	3290	3290	5210	5210	6350	6350
Heating Capacity	Btu/h	/	11225	/	17742	/	21837
	W	/	3290	/	5200	/	6400
<b>Electrical</b>							
Power Input Cooling	W	950	950	1500	1500	1830	1830
Power Input Heating	W	/	950	/	1500	/	1890
Operating Current Cooling	A	4.00	4.00	6.50	6.50	8.15	8.15
Operating Current Heating	A	/	4.00	/	6.80	/	8.5
<b>Performance</b>							
EER	W/W	11.82	11.82	11.85	11.85	11.84	11.84
COP	W/W	/	11.82	/	11.83	/	11.55
Air Flow Volume (Indoor)	m <sup>3</sup> /h	640	640	850	850	1000	1000
Noise Level (Indoor)	dB(A)	42	42	48	48	49	49
	(Outdoor) dB(A)	54	54	58	58	60	60
<b>Net Dimension &amp; Net Weight</b>							
Indoor (W*H*D)	mm	880x286x203	880x286x203	940x300x220	940x300x220	1080x300x220	1080x300x220
Outdoor (W*H*D)	mm	760x540x260	760x540x260	800x690x300	800x690x300	800x690x300	800x690x300
Net Weight (Indoor/Outdoor)	kg	10/26	10/27	11/41	11/45	13/45	13/46
<b>Packing Dimension &amp; Gross Weight</b>							
Indoor (W*H*D)	mm	935x350x270	935x350x270	993x360x285	993x360x285	1136x360x285	1136x360x285
Outdoor (W*H*D)	mm	880x600x370	880x600x370	940x750x420	940x750x420	940x750x420	940x750x420
Gross Weight (Indoor/Outdoor)	kg	11/28	11/29	13/43	13/47	15/48	15/49
<b>Applicable Area &amp; Loading Quantity</b>							
Applicable Area	m <sup>2</sup>	13-27	13-27	20-40	20-40	30-55	30-55
Loading Quantity	20/40/40H	102/200/245	102/200/245	72/140/165	72/140/165	70/135/155	70/135/155
Optional Panel Series		S/K/N	S/K/N	S/K/N	S/K/N	S/K/N	S/K/N

**Remarks:**

- 1.The above designs and specifications are subject to change due to product improvement without prior notice.
- 2.The noise level data reflect the level in anechoic chamber.

### Features

Features: ■ Optional ■ Standard

iFeel	Self-Cleaning	Sleep Mode	Anti-Fungus Function	Anti-Cold-Air (Heat Pump Only)
Self-diagnosis Function	Powerful Dehumidification	Super EMC performance	Anti-Rust Cabinet	Trapeziform Innergroove Copper Piping
Timer	Hydrophilic Aluminium Fin	iFavor	Golden Fin	Bio Filter
Silver Ion Filter	Ionizer	Auto-Restart		

# Saudi Star Series



## SHE-RA Series

R410a 220~240V 60Hz

Specification					
Type		30K	30K	36K	36K
<b>Capacity</b>					
Cooling Capacity	Btu/h	26474	26474	32369	32369
	W	7759	7759	9487	9487
Heating Capacity	Btu/h	/	26800	/	32585
	W	/	7855	/	9550
<b>Electrical</b>					
Power Input Cooling	W	2280	2280	2800	2800
Power Input Heating	W	/	2280	/	2830
Operating Current Cooling	A	10	10	12	12
Operating Current Heating	A	/	10	/	12.3
<b>Performance</b>					
EER	W/W	11.61	11.61	11.56	11.56
COP	W/W	/	11.75	/	11.51
Air Flow Volume (Indoor)	m <sup>3</sup> /h	1250	1250	1350	1350
Noise Level (Indoor)	dB(A)	51	51	51	52
	(Outdoor) dB(A)	62	62	62	62
<b>Net Dimension &amp; Net Weight</b>					
Indoor (W*H*D)	mm	1185x322x235	1185x322x235	1310x322x235	1310x322x235
Outdoor (W*H*D)	mm	902x795x332	902x795x332	902x795x332	902x795x332
Net Weight (Indoor/Outdoor)	kg	17/55	17/58	18/59	18/61
<b>Packing Dimension &amp; Gross Weight</b>					
Indoor (W*H*D)	mm	1300x440x380	1300x440x380	1420x440x380	1420x440x380
Outdoor (W*H*D)	mm	1030x860x430	1030x860x430	1030x860x430	1030x860x430
Gross Weight (Indoor/Outdoor)	kg	19/58	19/61	21/62	21/63
<b>Applicable Area &amp; Loading Quantity</b>					
Applicable Area	m <sup>2</sup>	40-67	40-67	50-75	50-75
Loading Quantity	20/40/40H	45/94/110	45/94/110	42/90/100	42/90/100
<b>Optional Panel Series</b>					
		S/K/N	S/K/N	S	S

Remarks:

- The above designs and specifications are subject to change due to product improvement without prior notice.
- The noise level data reflect the level in anechoic chamber.

### Features

Features: ■ Optional ■ Standard

iFeel	Self-Cleaning	Sleep Mode	Anti-Fungus Function	Anti-Cold-Air (Heat Pump Only)
Self-diagnosis Function	Powerful Dehumidification	Super EMC performance	Anti-Rust Cabinet	Trapeziform Innergroove Copper Piping
Timer	Hydrophilic Aluminium Fin	iFavor	Golden Fin	Bio Filter
Silver Ion Filter	Ionizer	Auto-Restart		

# Argentina Series



## Super Quiet Design

Through the air tunnel optimization technology and equipped with big diameter fan and high efficiency PG motor, which help the indoor unit deliver a better air distribution and air flow with noise low to 20dB, providing you comfortable sleeping environment

## Multiple Fan Speed

Equipped with high efficiency PG motor, from low to turbo, the user can choose desired air flow according to personal habits.

# Argentina Series



## Class A

Liberty Series  
R410a 220~240V 50Hz

Specification					
Type		09K	09K	12K	12K
<b>Capacity</b>					
Cooling Capacity	Btu/h	9000	9000	12000	12000
	W	2638	2638	3517	3517
Heating Capacity	Btu/h	/	9000	/	12000
	W	/	2638	/	3517
<b>Electrical</b>					
Power Input Cooling	W	824	824	1099	1099
Power Input Heating	W	/	824	/	1099
Operating Current Cooling	A	3.7	3.7	5.0	5.0
Operating Current Heating	A	/	3.7	/	5.0
<b>Performance</b>					
EER	W/W	3.2	3.2	3.2	3.2
COP	W/W	/	3.2	/	3.2
Air Flow Volume (Indoor)	m <sup>3</sup> /h	500	500	600	600
Noise Level (Indoor)	dB(A)	31/33/38	31/33/38	35/39/43	35/39/43
	(Outdoor) dB(A)	51	51	53	53
<b>Net Dimension &amp; Net Weight</b>					
Indoor (W*H*D)	mm	800x300x198	800x300x198	850x300x198	850x300x198
Outdoor (W*H*D)	mm	700x500x225	700x500x225	760x540x260	760x540x260
Net Weight (Indoor/Outdoor)	kg	9.5/32	9.5/32	10.5/33	10.5/33
<b>Packing Dimension &amp; Gross Weight</b>					
Indoor (W*H*D)	mm	850x370x270	850x370x270	900x370x270	900x370x270
Outdoor (W*H*D)	mm	835x545x335	835x545x335	880x600x370	880x600x370
Gross Weight (Indoor/Outdoor)	kg	11/39	11/39	12.5/35.5	12.5/35.5
<b>Applicable Area &amp; Loading Quantity</b>					
Applicable Area	m <sup>2</sup>	10-20	10-20	13-27	13-27
Loading Quantity	20/40/40H	120/259/275	120/259/275	102/217/240	102/217/240

Remarks:

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

### Features

■ Optional ■ Standard

iFeel	Self-Cleaning	Sleep Mode	Anti-Fungus Function	Anti-Cold-Air (Heat Pump Only)
Self-diagnosis Function	Powerful Dehumidification	Super EMC performance	Anti-Rust Cabinet	Trapeziform Innergroove Copper Piping
Timer	Hydrophilic Aluminium Fin	iFavor	Golden Fin	Bio Filter
Silver Ion Filter	Ionizer	Auto-Restart		

# Argentina Series

## Class A

### Libery Series

R410a 220~240V 50Hz



Specification		18K	18K	24K	24K
<b>Type</b>		18K	18K	24K	24K
<b>Capacity</b>					
Cooling Capacity	Btu/h	18000	18000	24000	24000
	W	5275	5275	7034	7034
Heating Capacity	Btu/h	/	18000	/	24000
	W	/	5275	/	7034
<b>Electrical</b>					
Power Input Cooling	W	1649	1649	2198	2198
Power Input Heating	W	/	1649	/	2198
Operating Current Cooling	A	7.5	7.5	10.0	10.0
Operating Current Heating	A	/	7.5	/	10.0
<b>Performance</b>					
EER	W/W	3.2	3.2	3.2	3.2
COP	W/W	/	3.2	/	3.2
Air Flow Volume (Indoor)	m <sup>3</sup> /h	900	900	1300	1300
Noise Level (Indoor)	dB(A)	40/44/49	40/44/49	44/48/53	44/48/53
	(Outdoor) dB(A)	57	57	60	60
<b>Net Dimension &amp; Net Weight</b>					
Indoor (W*H*D)	mm	970x315x235	970x315x235	1100x330x235	1100x330x235
Outdoor (W*H*D)	mm	800x590x300	800x590x300	800x690x300	800x690x300
Net Weight (Indoor/Outdoor)	kg	15/52	15/52	19/60	19/60
<b>Packing Dimension &amp; Gross Weight</b>					
Indoor (W*H*D)	mm	1025x385x305	1025x385x305	1160x400x305	1160x400x305
Outdoor (W*H*D)	mm	940x650x420	940x650x420	940x750x420	940x750x420
Gross Weight (Indoor/Outdoor)	kg	17/56	17/56	23/65	23/65
<b>Applicable Area &amp; Loading Quantity</b>					
Applicable Area	m <sup>2</sup>	20-40	20-40	30-55	30-55
Loading Quantity	20/40/40H	75/159/180	75/159/180	63/140/160	63/140/160

Remarks:

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

## Features

Optional Standard

iFeel	Self-Cleaning	Sleep Mode	Anti-Fungus Function	Anti-Cold-Air (Heat Pump Only)
Self-diagnosis Function	Powerful Dehumidification	Super EMC performance	Anti-Rust Cabinet	Trapeziform Innergroove Copper Piping
Timer	Hydrophilic Aluminium Fin	iFavor	Golden Fin	Bio Filter
Silver Ion Filter	Ionizer	Auto-Restart		

# Argentina Series



## Class B

### NAVI Series

R410a 220~240V 50Hz

Specification					
Type		09K	09K	12K	12K
<b>Capacity</b>					
Cooling Capacity	Btu/h	9000	9000	12000	12000
	W	2638	2638	3517	3517
Heating Capacity	Btu/h	/	9000	/	12000
	W	/	2638	/	3517
<b>Electrical</b>					
Power Input Cooling	W	879	879	1172	1172
Power Input Heating	W	/	879	/	1172
Operating Current Cooling	A	4.0	4.0	5.3	5.3
Operating Current Heating	A	/	4.0	/	5.3
<b>Performance</b>					
EER	W/W	3.0	3.0	3.0	3.0
COP	W/W	/	3.0	/	3.0
Air Flow Volume (Indoor)	m3/h	500	500	600	600
Noise Level (Indoor)	dB(A)	31/33/38	31/33/38	35/39/43	35/39/43
	(Outdoor) dB(A)	51	51	53	53
<b>Net Dimension &amp; Net Weight</b>					
Indoor (W*H*D)	mm	802x265x200	802x265x200	880x286x203	880x286x203
Outdoor (W*H*D)	mm	700x500x225	700x500x225	760x540x260	760x540x260
Net Weight (Indoor/Outdoor)	kg	9.5/32	9.5/32	10.5/33	10.5/33
<b>Packing Dimension &amp; Gross Weight</b>					
Indoor (W*H*D)	mm	860x325x255	860x325x255	950x350x270	950x350x270
Outdoor (W*H*D)	mm	835x545x335	835x545x335	880x600x370	880x600x370
Gross Weight (Indoor/Outdoor)	kg	11/39	11/39	12.5/35.5	12.5/35.5
<b>Applicable Area &amp; Loading Quantity</b>					
Applicable Area	m <sup>2</sup>	10-20	10-20	13-27	13-27
Loading Quantity	20/40/40H	107/226/265	107/226/265	102/200/248	102/200/248
Optional Panel Series		S/K	S/K	S/K/N	S/K/N

Remarks:

- 1.The above designs and specifications are subject to change due to product improvement without prior notice.
- 2.The noise level data reflect the level in anechoic chamber.

## Features

Features: ■ Optional ■ Standard

- iFavor
- iFeel
- Self-Cleaning
- Anti-Fungus Function
- Anti-Cold-Air (Heat Pump Only)
- Self-diagnosis Function
- Powerful Dehumidification
- Super EMC performance
- Anti-Rust Cabinet
- Trapeziform Innergroove Copper Piping
- Timer
- Hydrophilic Aluminium Fin
- Sleep Mode
- Golden Fin
- Bio Filter
- Silver Ion Filter
- Ionizer
- Auto-Restart

# Argentina Series

## Class B

### NAVI Series

R410a 220~240V 50Hz



#### Specification

Type		18K	18K	24K	24K
<b>Capacity</b>					
Cooling Capacity	Btu/h	18000	18000	24000	24000
	W	5275	5275	7034	7034
Heating Capacity	Btu/h	/	18000	/	24000
	W	/	5275	/	7034
<b>Electrical</b>					
Power Input Cooling	W	1758	1758	2345	2345
Power Input Heating	W	/	1758	/	2345
Operating Current Cooling	A	8.0	8.0	10.7	10.7
Operating Current Heating	A	/	8.0	/	10.7
<b>Performance</b>					
EER	W/W	3.0	3.0	3.0	3.0
COP	W/W	/	3.0	/	3.0
Air Flow Volume (Indoor)	m <sup>3</sup> /h	900	900	1300	1300
Noise Level (Indoor)	dB(A)	40/44/49	40/44/49	44/48/53	44/48/53
	(Outdoor) dB(A)	57	57	60	60
<b>Net Dimension &amp; Net Weight</b>					
Indoor (W*H*D)	mm	940x300x232	940x300x232	1080x300x232	1080x300x232
Outdoor (W*H*D)	mm	800x590x300	800x690x300	800x690x300	800x690x300
Net Weight (Indoor/Outdoor)	kg	15/52	15/52	19/60	19/60
<b>Packing Dimension &amp; Gross Weight</b>					
Indoor (W*H*D)	mm	993x360x285	993x360x285	1136x360x285	1136x360x285
Outdoor (W*H*D)	mm	940x650x420	940x750x420	940x750x420	940x750x420
Gross Weight (Indoor/Outdoor)	kg	17/56	17/56	23/65	23/65
<b>Applicable Area &amp; Loading Quantity</b>					
Applicable Area	m <sup>2</sup>	20-40	20-40	30-55	30-55
Loading Quantity	20/40/40H	80/163/185	72/141/170	70/135/156	70/135/156
Optional Panel Series		S/K/N	S/K/N	S/K/N	S/K/N

#### Remarks:

- 1.The above designs and specifications are subject to change due to product improvement without prior notice.
- 2.The noise level data reflect the level in anechoic chamber.

#### Features

Features: ■ Optional ■ Standard

iFavor	iFeel	Self-Cleaning	Anti-Fungus Function	Anti-Cold-Air (Heat Pump Only)
Self-diagnosis Function	Powerful Dehumidification	Super EMC performance	Anti-Rust Cabinet	Trapeziform Innergroove Copper Piping
Timer	Hydrophilic Aluminium Fin	Sleep Mode	Golden Fin	Bio Filter
Silver Ion Filter	Ionizer	Auto-Restart		

# Universal Series



## iFeel

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A temperature sensor is built in the remote control. When you stay close to the remote control, the unit will automatically choose the operation mode to achieve accurate and comfortable temperature control just like the air conditioner is following you.

## Ionizer

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Anions can stimulate the blood circulation system, improve lung function and effectively prevent respiratory passage illnesses (Such as asthma and pneumonia).



# Universal Series

## ON/OFF



### SHE-RA Series R410a 220~240V 50Hz

Specification		7K	9K	12K	18K	24K	30K	36K
<b>Type</b>		7K	9K	12K	18K	24K	30K	36K
<b>Capacity</b>								
Cooling Capacity	Btu/h	7000	9000	12000	18000	24000	30000	36000
	W	2100	2700	3550	5300	7000	8700	10258
Heating Capacity	Btu/h	7800	9600	12500	19500	26000	33000	38000
	W	2200	2800	3650	5620	7300	8900	11137
<b>Electrical</b>								
Power Input Cooling	W	654	841	1106	1656	2326	2950	4050
Power Input Heating	W	609	766	1011	1557	2274	2967	4200
Operating Current Cooling	A	2.84	3.66	4.81	7.20	10.11	13.09	18.00
Operating Current Heating	A	2.65	3.37	4.40	6.77	9.89	13.16	18.60
<b>Performance</b>								
EER	W/W	3.21	3.21	3.21	3.21	3.01	2.95	2.92
COP	W/W	3.61	3.61	3.61	3.61	3.21	3.00	2.65
Air Flow Volume (Indoor)	m <sup>3</sup> /h	380	450	560	950	1150	1250	1250
Noise Level	(Indoor) dB(A)	28	30	31	38	40	44	44
	(Outdoor) dB(A)	49	50	51	53	54	56	56
<b>Net Dimension &amp; Net Weight</b>								
Indoor (W*H*D)	mm	680x250x180	802x265x190	880x286x203	940x300x220	1080x300x220	1185x322x240	1310x322x240
Outdoor (W*H*D)	mm	600x490x250	700x500x225	760x540x260	800x590x300	800x690x300	902x795x332	900x860x330
Net Weight (Indoor/Outdoor)	kg	7.5/26	9.5/30	11.5/34	14/42	15/53	22/58	22/78
<b>Packing Dimension &amp; Gross Weight</b>								
Indoor (W*H*D)	mm	740x320x280	860x325x255	935x350x270	993x360x285	1136x360x285	1300x440x380	1420x440x380
Outdoor (W*H*D)	mm	730x560x370	835x545x335	880x600x370	940x650x420	940x750x420	1030x860x430	1040x890x450
Gross Weight (Indoor/Outdoor)	kg	9/28	11/32	13/37	16/45	17/57	24/67	24/90
<b>Applicable Area &amp; Loading Quantity</b>								
Applicable Area	m <sup>2</sup>	8-15	10-20	13-27	20-40	30-55	40-67	50-70
Loading Quantity	20/40/40H	130/260/315	107/226/265	102/200/248	80/163/185	70/135/156	45/94/110	42/90/105
<b>Optional Panel Series</b>		S/K/N	S/K	S/K/N	S/K/N	S/K/N	S/K/N	S

**Remarks:**

- The above designs and specifications are subject to change due to product improvement without prior notice.
- The noise level data reflect the level in anechoic chamber.

## Features

Features: ■ Optional ■ Standard

iFavor	iFeel	Self-Cleaning	Anti-Fungus Function	Anti-Cold-Air (Heat Pump Only)
Self-diagnosis Function	Powerful Dehumidification	Super EMC performance	Anti-Rust Cabinet	Trapeziform Innergroove Copper Piping
Timer	Hydrophilic Aluminium Fin	Sleep Mode	Golden Fin	Bio Filter
Silver Ion Filter	Ionizer	Auto-Restart		

# Universal Series



## ON/OFF

**SHE-RA Series**  
R410a 220~240V 50Hz

Specification		7K	9K	12K	18K	24K	30K
<b>Type</b>							
<b>Capacity</b>							
Cooling Capacity	Btu/h	7000	9000	12000	18000	24000	30000
	W	2100	2550	3350	4800	6900	8792
Heating Capacity	Btu/h	7800	9200	11800	18000	23700	32000
	W	2200	2700	3450	5620	6950	9379
<b>Electrical</b>							
Power Input Cooling	W	654	794	1043	1406	2142	3395
Power Input Heating	W	609	838	1068	1525	2151	3540
Operating Current Cooling	A	2.84	3.45	4.53	6.12	9.32	15.06
Operating Current Heating	A	2.65	3.65	4.65	6.64	9.36	15.70
<b>Performance</b>							
EER	W/W	3.21	3.21	3.21	3.21	3.22	2.59
COP	W/W	3.61	3.22	3.23	3.41	3.23	2.65
Air Flow Volume (Indoor)	m <sup>3</sup> /h	380	450	560	1000	1200	1200
Noise Level (Indoor)	dB(A)	28	30	31	40	42	42
	(Outdoor) dB(A)	49	51	51	54	56	56
<b>Net Dimension &amp; Net Weight</b>							
Indoor (W*H*D)	mm	680x255x185	680x255x185	750x255x185	940x300x232	1080x300x220	1080x300x220
Outdoor (W*H*D)	mm	663x254x421	663x254x421	700x225x500	800x590x300	800x690x300	800x690x300
Net Weight (Indoor/Outdoor)	kg	6/21	6.5/22	7/26	14/42	15/53	15/53
<b>Packing Dimension &amp; Gross Weight</b>							
Indoor (W*H*D)	mm	740x322x255	740x322x255	812x322x255	993x360x285	1136x360x285	1136x360x285
Outdoor (W*H*D)	mm	770x338x478	770x338x478	815x325x540	940x590x300	940x750x420	940x750x420
Gross Weight (Indoor/Outdoor)	kg	7.5/23	8/24	9/28	16/45	17/57	17/57
<b>Applicable Area &amp; Loading Quantity</b>							
Applicable Area	m <sup>2</sup>	8-15	10-20	13-27	20-40	30-55	40-67
Loading Quantity	20/40/40H	160/320/350	160/320/350	135/270/320	80/163/185	70/135/156	70/135/156
<b>Optional Panel Series</b>		S/K/N	S/K/N	N	S/K/N	S/K/N	S/K/N

**Remarks:**

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

## Features

Features: ■ Optional ■ Standard

- iFavor
- iFeel
- Self-Cleaning
- Anti-Fungus Function
- Anti-Cold-Air (Heat Pump Only)
- Self-diagnosis Function
- Powerful Dehumidification
- Super EMC performance
- Anti-Rust Cabinet
- Trapeziform Innergroove Copper Piping
- Timer
- Hydrophilic Aluminium Fin
- Sleep Mode
- Golden Fin
- Bio Filter
- Silver Ion Filter
- Ionizer
- Auto-Restart

# Universal Series

## Mono-split DC Inverter



### SHE-RA Series

R410a 220~240V 50Hz

Specification		9K	12K	18K	24K
<b>Type</b>					
<b>Capacity</b>					
Cooling Capacity	Btu/h	9000 (4100-11000)	12000 (4950-12650)	18000 (6150-18800)	24000 (6300-23200)
	W	2700 (1200-3200)	3550 (1450-3700)	5200 (1800-5500)	6500 (1850-6800)
Heating Capacity	Btu/h	9600 (4100-11250)	12500 (4780-14500)	19000 (4780-21500)	22800 (4780-23550)
	W	2800 (1200-3300)	3650 (1400-4200)	5500 (1400-6300)	6600 (1400-6900)
<b>Electrical</b>					
Power Input Cooling	W	820 (350-1350)	1092 (380-1500)	1600 (500-2100)	1982 (570-2400)
Power Input Heating	W	766 (360-1540)	1011 (380-1750)	1594 (450-2400)	1823 (550-2700)
Operating Current Cooling	A	3.97 (1.5-5.9)	4.98 (1.7-6.5)	7.96 (2.2-9.3)	9.6 (3.2-10.4)
Operating Current Heating	A	3.77 (1.6-6.7)	4.83 (1.7-7.0)	7.93 (2.0-10.5)	9 (3.1-11.7)
<b>Performance</b>					
EER	W/W	3.29	3.25	3.25	3.28
COP	W/W	3.61	3.61	3.45	3.62
Air Flow Volume (Indoor)	m <sup>3</sup> /h	450	550	850	1000
Noise Level (Indoor)	dB(A)	30	31	38	40
	(Outdoor) dB(A)	51	51	53	54
<b>Net Dimension &amp; Net Weight</b>					
Indoor (W*H*D)	mm	802x265x190	880x286x203	940x300x220	1080x300x220
Outdoor (W*H*D)	mm	760x540x260	760x540x260	800x590x300	800x690x300
Net Weight (Indoor/Outdoor)	kg	9.5/29	11.5/29	15/50	15/52
<b>Packing Dimension &amp; Gross Weight</b>					
Indoor (W*H*D)	mm	860x325x255	935x350x270	993x360x285	1136x360x285
Outdoor (W*H*D)	mm	880x600x370	880x600x370	940x650x420	940x750x420
Gross Weight (Indoor/Outdoor)	kg	11/32	13/32	17/54	17/55
<b>Applicable Area &amp; Loading Quantity</b>					
Applicable Area	m <sup>2</sup>	10-20	13-27	20-40	30-55
Loading Quantity	20/40/40H	106/216/260	102/200/248	80/163/185	70/135/156
<b>Optional Panel Series</b>		S/K	S/K/N	S/K/N	S/K/N

**Remarks:**

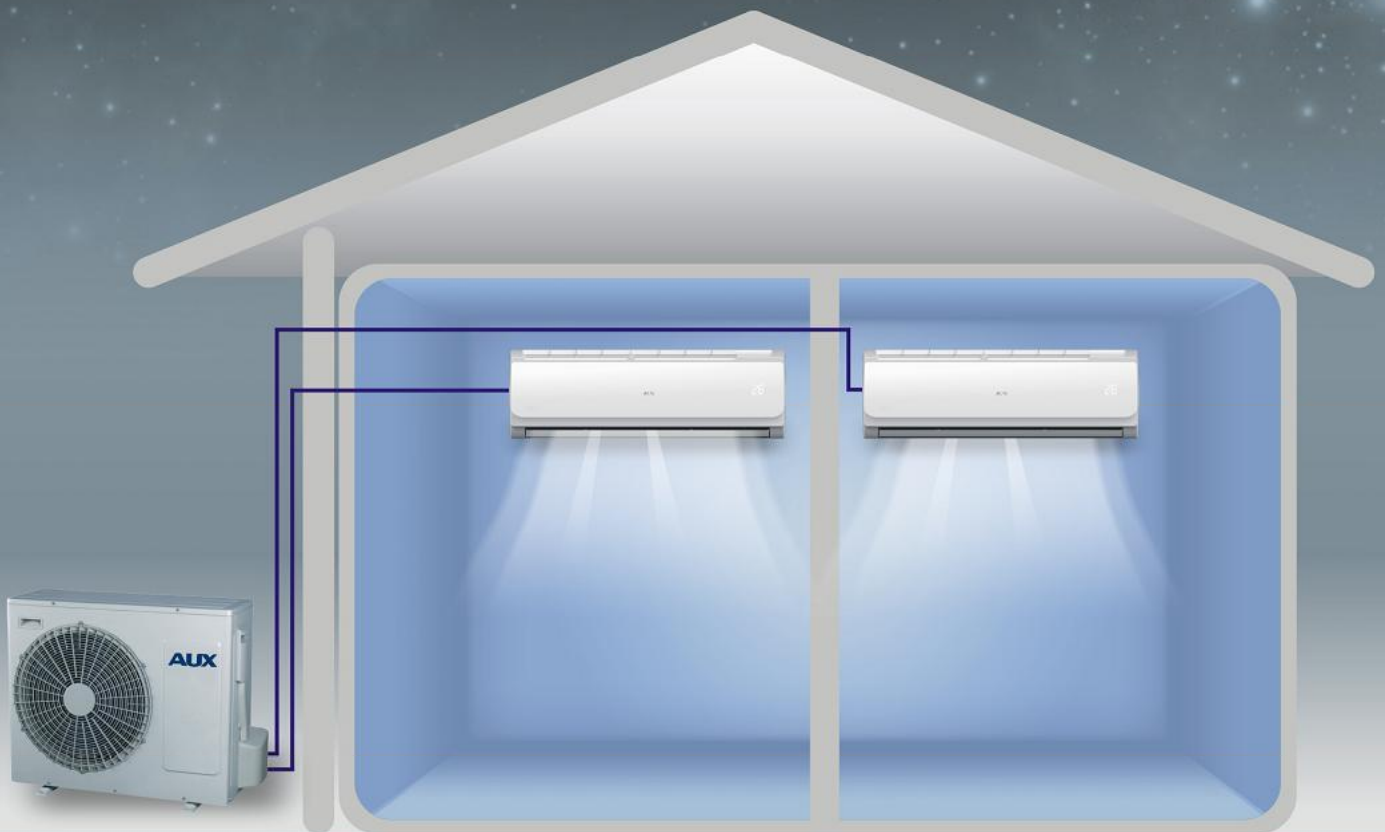
- 1.The above designs and specifications are subject to change due to product improvement without prior notice.
- 2.The noise level data reflect the level in anechoic chamber.

### Features

Features: ■ Optional ■ Standard

iFavor	iFeel	Self-Cleaning	Anti-Fungus Function	Anti-Cold-Air (Heat Pump Only)
Self-diagnosis Function	Powerful Dehumidification	Super EMC performance	Anti-Rust Cabinet	Trapeziform Innergroove Copper Piping
Timer	Hydrophilic Aluminium Fin	Sleep Mode	Golden Fin	Bio Filter
Silver Ion Filter	Ionizer	Auto-Restart		

# ERP Multi-split DC Inverter



# ERP Multi-split DC Inverter

## Indoor

R410a 220~240V 50Hz


Specification		ALWM-H07/4R1DC	ALWM-H09/4R1DC	ALWM-H12/4R1DC	ALWM-H18/4R1DC	
<b>Type(Indoor)</b>						
<b>Capacity</b>						
Cooling Capacity	Btu/h	7165 (3855-9220)	8870 (4780-11260)	12285 (5800-12625)	17745 (8530-19790)	
	kW	2100 (1130-2700)	2600 (1400-3300)	3600 (1700-3700)	5200 (2500-5800)	
Heating Capacity	Btu/h	7510 (3340-8530)	9215 (4095-10240)	12625 (5120-12625)	18085 (7680-19790)	
	kW	2200 (980-2500)	2700 (1200-3000)	3700 (1500-3700)	5300 (2250-5800)	
<b>Electric Data</b>						
Power Input Cooling	W	48 (12~75)	48 (12~75)	48 (12~75)	63(16-98)	
Power Input Heating	W	48 (12~75)	48 (12~75)	48 (12~75)	63(16-98)	
<b>Performance</b>						
Air Flow Volume	m <sup>3</sup> /h	630	630	630	920	
Noise Level	dB(A)	42	42	54	47	
<b>Net Dimension</b>						
Net	mm	802x286x203	802x286x203	802x286x203	940x300x220	
Packing	mm	872x350x270	872x350x270	872x350x270	993x360x285	
<b>Weight</b>						
Net	kg	10.5	10.5	10.5	12	
Gross	kg	12	12	12	15	
<b>Refrigerant Type</b>		R410a	R410a	R410a	R410a	
<b>Pipe Diameter</b>						
Liquid Side	mm(inch)	6.35(1/4)	6.35(1/4)	6.35(1/4)	6.35(1/4)	
Gas Side	mm(inch)	12.7(1/2)	12.7(1/2)	12.7(1/2)	15.88(5/8)	
Drainage	mm	16.5	16.5	16.5	16.5	
<b>Stuffing Quantity(20/40/40H)</b>		unit	348/683/790	348/683/790	348/683/790	256/518/578

**Remarks:**

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

### Features

Features: ■ Optional ■ Standard

- |   |   |   |  |   |
|---|---|---|--|---|
|  iFavor                  |  iFeel                     |  Self-Cleaning         |  Anti-Fungus Function |  Anti-Cold-Air (Heat Pump Only)        |
|  Self-diagnosis Function |  Powerful Dehumidification |  Super EMC performance |  Anti-Rust Cabinet    |  Trapeziform Innergroove Copper Piping |
|  Timer                   |  Hydrophilic Aluminium Fin |  Sleep Mode            |  Golden Fin           |  Bio Filter                            |
|  Silver Ion Filter       |  Ionizer                   |  Auto-Restart          |  |   |

# ERP Multi-split DC Inverter

## Outdoor

R410a 220~240V 50Hz

Specification				
Type(DC INVERTER)		AL-H18A4/R1DC	AL-H21A4/R1DC	AL-H24A4/R1DC
System Format		1 DRIVE 2	1 DRIVE 3	1 DRIVE 3
<b>Capacity</b>				
Cooling	Btu/h	17060 (8530-19790)	25080 (12540-29260)	28660 (14330-33440)
	W	5000 (2500-5800)	7350 (3675-8575)	8400 (4200-9800)
Heating	Btu/h	18766 (9385-21770)	28960 (14480-33590)	33100 (16550-38390)
	W	5500 (2750-6380)	8490 (4245-9850)	9700 (4850-11250)
<b>Electric Data</b>				
Cooling Power Input	W	1540(280-2100)	2082(380-2840)	2380(435-3250)
Heating Power Input	W	1530(280-2100)	2345(430-3200)	2680(490-3658)
Operating Current	A	8.0/10.1	10.5/11.9	12.02/13.53
<b>Performance</b>				
SEER/SCOP	W/W	5.6/4.0	6.1/4.0	5.6/4.0
Energy Rate		A+/A+	A++/A+	A+/A+
EER/COP	W/W	3.23/3.60	3.53/3.63	3.53/3.62
Air Flow Volume	m <sup>3</sup> /h	2900	3600	3600
Noise Level	dB(A)	63	65	65
<b>Dimension</b>				
Net	mm	800x300x590	900x320x790	900x320x790
Packing	mm	930x410x660	1030x430x850	1030x430x850
<b>Weight</b>				
Net	kg	41	64	64
Gross	kg	44	69	69
<b>Pipe Diameter</b>				
Liquid Side	mm(inch)	6.35(1/4)	9.52	9.52
Gas Side	mm(inch)	12.7(1/2)	15.88	15.88
Max. Length	m	30	30	30
Max. Height	m	15	15	15
Stuffing Quantity(20/40/40H)	unit	102/204/272	58/122/183	58/122/183

**Remarks:**

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

### Features


Features: ■ Optional ■ Standard



 iFavor	 iFeel	 Self-Cleaning	 Anti-Fungus Function	 Anti-Cold-Air (Heat Pump Only)
 Self-diagnosis Function	 Powerful Dehumidification	 Super EMC performance	 Anti-Rust Cabinet	 Trapeziform Innergroove Copper Piping
 Timer	 Hydrophilic Aluminium Fin	 Sleep Mode	 Golden Fin	 Bio Filter
 Silver Ion Filter	 Ionizer	 Auto-Restart		

# ERP Multi-split DC Inverter

## Combination Table

R410a 220~240V 50Hz

Multi DC Outdoor Unit		Available Indoor Unit	Suggested Combination		
1 drive 2	AL-H18A4/R1DC 		One Unit	Two Units	
				7k/9k	7

Multi DC Outdoor Unit		Available Indoor Unit	Suggested Combination					
1 drive 3	AL-H21A4/R1DC 		One Unit	Two Units		Three Units		
				7k/9k/12k	7	7+7	9+9	7+7+7
1 drive 3	AL-H24A4/R1DC 	7k/9k/12k	One Unit	Two Units		Three Units		
			7	7+7	9+9	12+18	7+7+7	7+9+9

**Remarks:**

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

### Features

Features: ■ Optional ■ Standard

-  iFavor
-  iFeel
-  Self-Cleaning
-  Anti-Fungus Function
-  Anti-Cold-Air (Heat Pump Only)
-  Self-diagnosis Function
-  Powerful Dehumidification
-  Super EMC performance
-  Anti-Rust Cabinet
-  Trapeziform Innergroove Copper Piping
-  Timer
-  Hydrophilic Aluminium Fin
-  Sleep Mode
-  Golden Fin
-  Bio Filter
-  Silver Ion Filter
-  Ionizer
-  Auto-Restart

# Floor standing Series



## Refrigerant Leakage Detect

With this technology, the indoor unit will alarm when the outdoor unit detects a condition of refrigerant leakage.

## Horizontal & Vertical Auto Swing

With the function of Horizontal & Vertical Auto Swing, the air flow range is maximized.



# Floor standing Series

## Model U

R410a 380~415V 50Hz















Specification		42K	48K	55K
<b>Capacity</b>				
Cooling Capacity	Btu/h	42000	48000	55000
	W	12300	14000	16000
Heating Capacity	Btu/h	46000+11000	52000+11000	57500+11000
	W	13500+3000	15200+3000	16800+3200
<b>Electrical</b>				
Power Input Cooling	W	4770	5250	6080
Power Input Heating	W	4890+3000	5350+3000	5910+3000
Operating Current Cooling	A	10	10	11.5
Operating Current Heating	A	10+4.5	10+4.5	11+4.5
<b>Performance</b>				
EER	W/W	2.58	2.68	2.65
COP	W/W	2.76	2.85	2.85
Air Flow Volume (Indoor)	m <sup>3</sup> /h	1800	1800	1800
Noise Level (Indoor)	dB(A)	41	41	41
	(Outdoor) dB(A)	58	58	58
<b>Net Dimension &amp; Net Weight</b>				
Indoor (W*H*D)	mm	1910x560x360	1910x560x360	1910x560x360
Outdoor (W*H*D)	mm	1255x945x340	1255x945x340	1255x945x340
Net Weight (Indoor/Outdoor)	kg	58/105	58/120	61/125
<b>Packing Dimension &amp; Gross Weight</b>				
Indoor (W*H*D)	mm	2020x680x510	2020x680x510	2020x680x510
Outdoor (W*H*D)	mm	1300x1085x430	1300x1085x430	1300x1085x430
Gross Weight (Indoor/Outdoor)	kg	72/117	72/135	75/140
<b>Applicable Area &amp; Loading Quantity</b>				
Applicable Area	m <sup>2</sup>	60-90	70-100	80-110
Loading Quantity	20/40/40H	18/36/46	18/36/46	18/36/46

Remarks:

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

## Features

Features: ■ Optional ■ Standard

 iFeel	 Self-Cleaning	 Sleep Mode	 Anti-Fungus Function	 Anti-Cold-Air (Heat Pump Only)
 Self-diagnosis Function	 Powerful Dehumidification	 Super EMC performance	 Anti-Rust Cabinet	 Trapeziform Innergroove Copper Piping
 Timer	 Hydrophilic Aluminium Fin	 iFavor	 Golden Fin	 Bio Filter
 Silver Ion Filter	 Ionizer	 Auto-Restart		

# Floor standing Series



## Refrigerant Leakage Detect

With this technology, the indoor unit will alarm when the outdoor unit detects a condition of refrigerant leakage.

## Horizontal & Vertical Auto Swing

With the function of Horizontal & Vertical Auto Swing, the air flow range is maximized.

Specification		24K	26K	42K	48K	55K
<b>Capacity</b>						
Cooling Capacity	Btu/h	24000	26000	42000	48000	55000
	W	7000	7600	12300	14000	16000
Heating Capacity	Btu/h	26500	2800	46000+11000	52000+11000	57500+11000
	W	7760	8200	13500+3000	15200+3000	16800+3200
<b>Electrical</b>						
Power Input Cooling	W	2450	2720	4770	5250	6080
Power Input Heating	W	2545	2735	4890+3000	5350+3000	5910+3000
Operating Current Cooling	A	10.7	11.8	10	10	11.5
Operating Current Heating	A	11.1	11.9	10+4.5	10+4.5	11+4.5
<b>Performance</b>						
EER	W/W	2.86	2.80	2.58	2.68	2.65
COP	W/W	3.05	3.00	2.76	2.85	2.85
Air Flow Volume (Indoor)	m3/h	1200	1200	1800	1800	1800
Noise Level (Indoor)	dB(A)	38	38	41	41	41
	(Outdoor) dB(A)	54	54	58	58	58
<b>Net Dimension &amp; Net Weight</b>						
Indoor (W*H*D)	mm	1780x500x300	1780x500x300	1910x560x360	1910x560x360	1910x560x360
Outdoor (W*H*D)	mm	800x690x300	800x690x300	1255x945x340	1255x945x340	1255x945x340
Net Weight (Indoor/Outdoor)	kg	38/55	38/55	58/105	58/120	61/125
<b>Packing Dimension &amp; Gross Weight</b>						
Indoor (W*H*D)	mm	1890x690x450	1890x690x450	2020x680x510	2020x680x510	2020x680x510
Outdoor (W*H*D)	mm	940x750x420	940x750x420	1300x1085x430	1300x1085x430	1300x1085x430
Gross Weight (Indoor/Outdoor)	kg	48/59	48/59	72/117	72/135	75/140
<b>Applicable Area &amp; Loading Quantity</b>						
Applicable Area	m <sup>2</sup>	30-55	35-60	60-90	70-100	80-110
Loading Quantity	20/40/40H	30/65/80	30/65/80	18/36/46	18/36/46	18/36/46

Remarks:

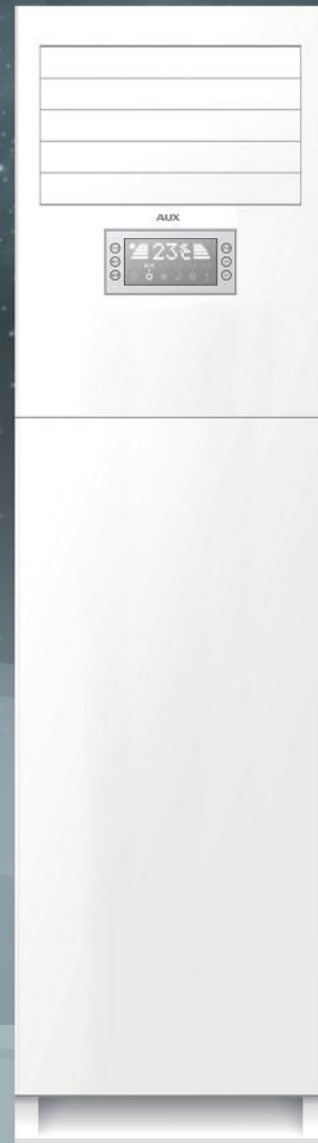
1. The above designs and specifications are subject to change due to product improvement without prior notice.
2. The noise level data reflect the level in anechoic chamber.

### Features

Features: ■ Optional ■ Standard

 iFeel	 Self-Cleaning	 Sleep Mode	 Anti-Fungus Function	 Anti-Cold-Air (Heat Pump Only)
 Self-diagnosis Function	 Powerful Dehumidification	 Super EMC performance	 Anti-Rust Cabinet	 Trapeziform Innergroove Copper Piping
 Timer	 Hydrophilic Aluminium Fin	 iFavor	 Golden Fin	 Bio Filter
 Silver Ion Filter	 Ionizer	 Auto-Restart		

# Floor standing Series



## Refrigerant Leakage Detect

With this technology, the indoor unit will alarm when the outdoor unit detects a condition of refrigerant leakage.

## Horizontal & Vertical Auto Swing

With the function of Horizontal & Vertical Auto Swing, the air flow range is maximized.

# Floor standing Series

## Model N

R410a 220~240V 50Hz

Specification		
Type	24K	
<b>Capacity</b>		
Cooling Capacity	Btu/h	24000
	W	7000
Heating Capacity	Btu/h	26500
	W	7760
<b>Electrical</b>		
Power Input Cooling	W	2450
Power Input Heating	W	2545
Operating Current Cooling	A	10.7
Operating Current Heating	A	11.1
<b>Performance</b>		
EER	W/W	2.86
COP	W/W	3.05
Air Flow Volume (Indoor)	m <sup>3</sup> /h	1100
Noise Level (Indoor)	dB(A)	38
	(Outdoor) dB(A)	54
<b>Net Dimension &amp; Net Weight</b>		
Indoor (W*H*D)	mm	1745x480x310
Outdoor (W*H*D)	mm	800x690x300
Net Weight (Indoor/Outdoor)	kg	39/55
<b>Packing Dimension &amp; Gross Weight</b>		
Indoor (W*H*D)	mm	1870x600x420
Outdoor (W*H*D)	mm	940x750x420
Gross Weight (Indoor/Outdoor)	kg	49/59
<b>Applicable Area &amp; Loading Quantity</b>		
Applicable Area	m <sup>2</sup>	30-55
Loading Quantity	20/40/40H	40/80/90

Remarks:

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

## Features

Features: ■ Optional ■ Standard

 iFeel	 Self-Cleaning	 Sleep Mode	 Anti-Fungus Function	 Anti-Cold-Air (Heat Pump Only)
 Self-diagnosis Function	 Powerful Dehumidification	 Super EMC performance	 Anti-Rust Cabinet	 Trapeziform Innergroove Copper Piping
 Timer	 Hydrophilic Aluminium Fin	 iFavor	 Golden Fin	 Bio Filter
 Silver Ion Filter	 Ionizer	 Auto-Restart		

# Portable



## Ionizer

Ions can stimulate the blood circulation system, improve lung function and effectively prevent respiratory passage illnesses (Such as asthma and pneumonia).

## Omni-directional Caster

The portable air-conditioner can easily move with the 360° castors.

Specification							
Type		7K	7K	9K	9K	12K	12K
<b>Capacity</b>							
Cooling Capacity	Btu/h	7000	7000	9500	9500	12000	12000
	W	2050	2050	2800	2800	3550	3550
Heating Capacity	Btu/h	/	6900	/	8200	/	9700
	W	/	2000	/	2400	/	2850
<b>Electrical</b>							
Power Input Cooling	W	760	760	1030	1030	1350	1350
Power Input Heating	W	/	754	/	900	/	1120
Operating Current Cooling	A	3.4	3.4	4.5	4.5	6.0	6.0
Operating Current Heating	A	/	3.7	/	4.0	/	5.0
<b>Performance</b>							
EER	W/W	2.71	2.71	2.71	2.71	2.63	2.63
COP	W/W	/	3.01	/	3.01	/	3.01
Air Flow Volume (Indoor)	m3/h	410	410	410	410	410	410
Noise Level	dB(A)	64	64	65	65	65	65
<b>Net Dimension &amp; Net Weight</b>							
Net Dimension	mm	400x795x480	400x795x480	400x795x480	400x795x480	400x795x480	400x795x480
Net Weight	kg	29	29	31	31	34	34
<b>Packing Dimension &amp; Gross Weight</b>							
Packing Dimension	mm	450x890x520	450x890x520	450x890x520	450x890x520	450x890x520	450x890x520
Gross Weight	kg	33	33	35	35	38	38
<b>Applicable Area &amp; Loading Quantity</b>							
Applicable Area	m <sup>2</sup>	8-15	8-15	10-20	10-20	13-27	13-27
Loading Quantity	20/40/40H	110/234/349	110/234/349	110/234/349	110/234/349	110/234/349	110/234/349

Remarks:

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- 2.The noise level data reflect the level in anechoic chamber.

## Features

Features: ■ Optional ■ Standard

 No Bucket Design	 Auto-Restart	 Sleep Mode	 Anti-Cold-Air (Heat Pump Only)	 Trapeziform Innergroove Copper Piping
 Self-diagnosis Function	 Powerful Dehumidification	 Super EMC performance	 Anti-Rust Cabinet	 Quick Cooling/Heating
 Timer	 Hydrophilic Aluminium Fin	 Self-Cleaning	 Bio Filter	 Vitamin C Filter
 Golden Fin	 iFeel	 Silver Ion Filter	 Ionizer	 Omni-directional Caster

# Portable



## Ionizer

Ions can stimulate the blood circulation system, improve lung function and effectively prevent respiratory passage illnesses (Such as asthma and pneumonia).

## Omni-directional Caster

The portable air-conditioner can easily move with the 360° castors.



Specification							
Type		7K	7K	9K	9K	12K	12K
<b>Capacity</b>							
Cooling Capacity	Btu/h	7000	7000	9000	9000	12000	12000
	W	2050	2050	2500	2500	3200	3200
Heating Capacity	Btu/h	/	6850	/	8450	/	9600
	W	/	2000	/	2450	/	2800
<b>Electrical</b>							
Power Input Cooling	W	760	760	936	936	1200	1200
Power Input Heating	W	/	851	/	1055	/	1210
Operating Current Cooling	A	3.4	3.4	4.1	4.1	5.2	5.2
Operating Current Heating	A	/	3.7	/	4.6	/	5.3
<b>Performance</b>							
EER	W/W	2.70	2.70	2.67	2.67	2.66	2.66
COP	W/W	/	2.35	/	2.32	/	2.31
Air Flow Volume (Indoor)	m3/h	430	430	430	430	450	450
Noise Level	dB(A)	64	64	65	65	65	65
<b>Net Dimension &amp; Net Weight</b>							
Net Dimension	mm	320x830X500	320x830X500	320x830X500	320x830X500	320x830X500	320x830X500
Net Weight	kg	30	30	31	31	32	32
<b>Packing Dimension &amp; Gross Weight</b>							
Packing Dimension	mm	365x880x550	365x880x550	365x880x550	365x880x550	365x880x550	365x880x550
Gross Weight	kg	35	35	36	36	37	37
<b>Applicable Area &amp; Loading Quantity</b>							
Applicable Area	m <sup>2</sup>	8-15	8-15	10-20	10-20	13-27	13-27
Loading Quantity	20/40/40H	180/280/405	180/280/405	180/280/405	180/280/405	180/280/405	180/280/405

Remarks:

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- 2.The noise level data reflect the level in anechoic chamber.

## Features

Features: ■ Optional ■ Standard

 No Bucket Design	 Auto-Restart	 Sleep Mode	 Anti-Cold-Air (Heat Pump Only)	 Trapeziform Innergroove Copper Piping
 Self-diagnosis Function	 Powerful Dehumidification	 Super EMC performance	 Anti-Rust Cabinet	 Quick Cooling/Heating
 Timer	 Hydrophilic Aluminium Fin	 Self-Cleaning	 Bio Filter	 Vitamin C Filter
 Golden Fin	 iFeel	 Silver Ion Filter	 Ionizer	 Omni-directional Caster

# AUX AIR CONDITIONER



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# AUX

AIR CONDITIONER



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