

AUX

AIR CONDITIONER

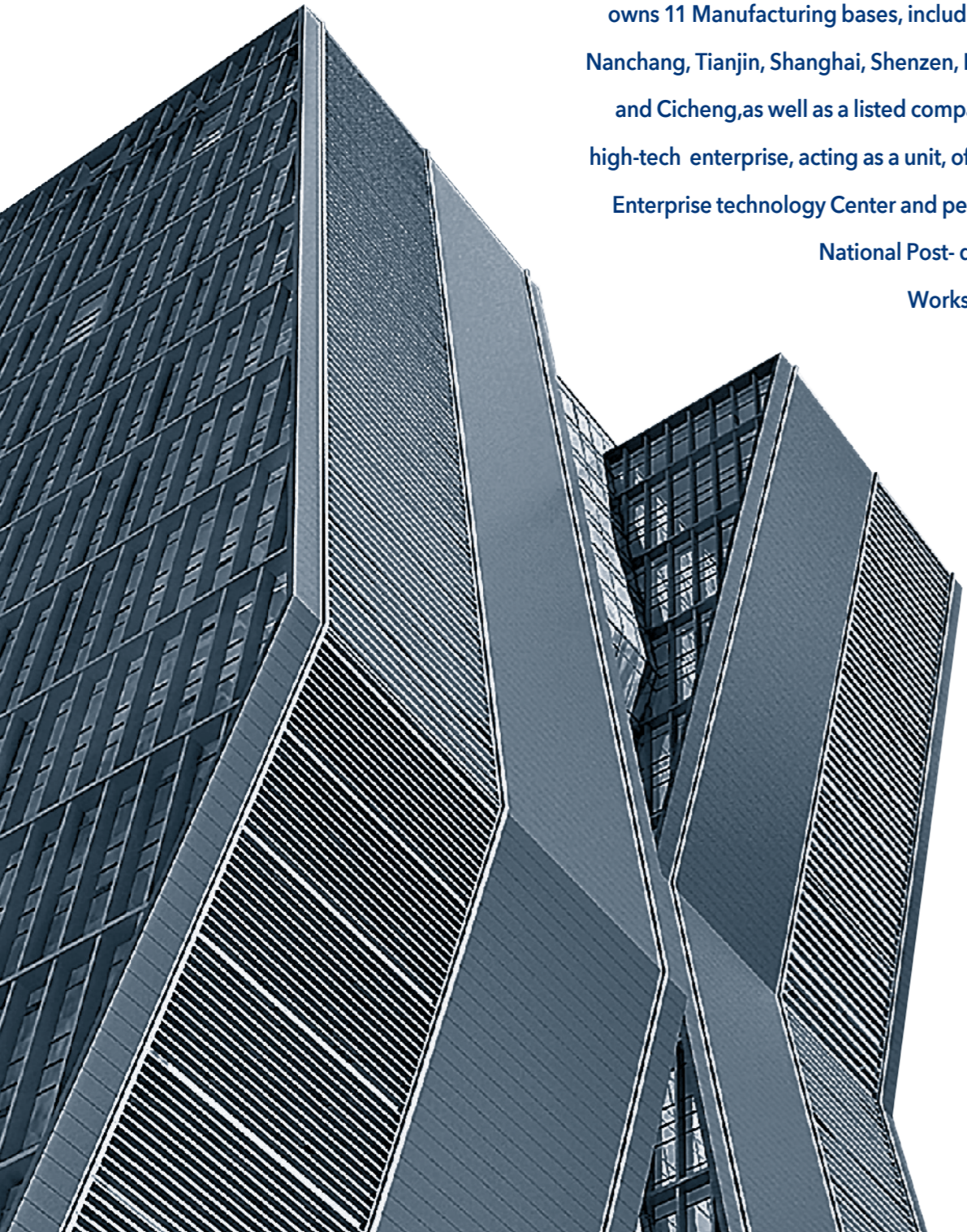
Residential
Air Conditioners
2022





Established in 1986, AUX Group is one of the top 500 Chinese enterprises, a diversified conglomerate which covers 6 industries, including intelligent Power equipment, Home appliance, Mobile Intelligent Terminal, Real Estate, Medical Service and Investment

In 2012, with a total asset of 20 billion RMB, Aux has more than 30000 Employees, the turnover of 40.5 billion RMB and the brand value of 8 billion RMB. Aux owns 11 Manufacturing bases, including Ningbo, Nanchang, Tianjin, Shanghai, Shenzhen, Dongguan, and Cicheng, as well as a listed company with 5 high-tech enterprise, acting as a unit, of National Enterprise technology Center and permanent National Post- doctoral Workstation.



11

Manufacturing Bases

5

R&D Centres
Around the World

30000

Employees Internationally

180

Countries that AUX
Products are sold in

No.3

Global Sales Ranking

No.1

Strongest growth rate in Sales across
Europe in the last 5 years



AUX Manufacturing and Quality Control

The goal of AUX is to use cutting-edge expertise and AUX has established 11 manufacturing bases globally and 5 R&D Centres. Production capacity is 20 million units annually and 3.2 million commercial systems.

- Tianjin ■ Jiangbei Ningbo ■ Indonesia Serang ■ Thailand ■ Brazil Minas Gerais ■ Jiangbei Ninbo ■ Nanchang
- Ma anshan Anhui ■ Ningbo Smart Factory ■ R&B Building Ningbo AUX International Industrial Park



Investment for a Greener Future

Environmentally Friendly Refrigerant

AUX, faithful to environmental legislation for a healthier ecosystem, has invested 30 million USD during the period 2019-2020 for the construction of a special air-conditioning production line with the new and environmentally friendly refrigerant R32. This coolant has the ability to be easily recycled and achieve higher levels of performance, thus contributing to maximum energy savings.

R290	0	ODP
	3	GWP
R32	0	ODP
	675	GWP
R22	0,055	ODP
	1810	GWP
R410A	0	ODP
	2090	GWP

ODP: Ozone Depletion Potential
GWP: Global Warming Potential





AUX Manufacturing Quality Quality Control Testing

AUX Airconditioning Company continually performs rigorous durability testing of their products in the harshest conditions. From rain and salt water, high and low temperature extremes and exposing them to high voltages. They put their product through these tests so that they can provide the best performance for as long as possible.

Every detail of each product is visually inspected by experienced engineers to ensure that even the smallest of parts are manufactured exactly as they were designed. Sound levels are measured and tested in acoustic anechoic chambers to reach the highest levels of quiet operation.



**Simulated
Transportation
Experiment**



**Drop test
(up to 1.2m)**



**Inclined
impact test**



Noise test

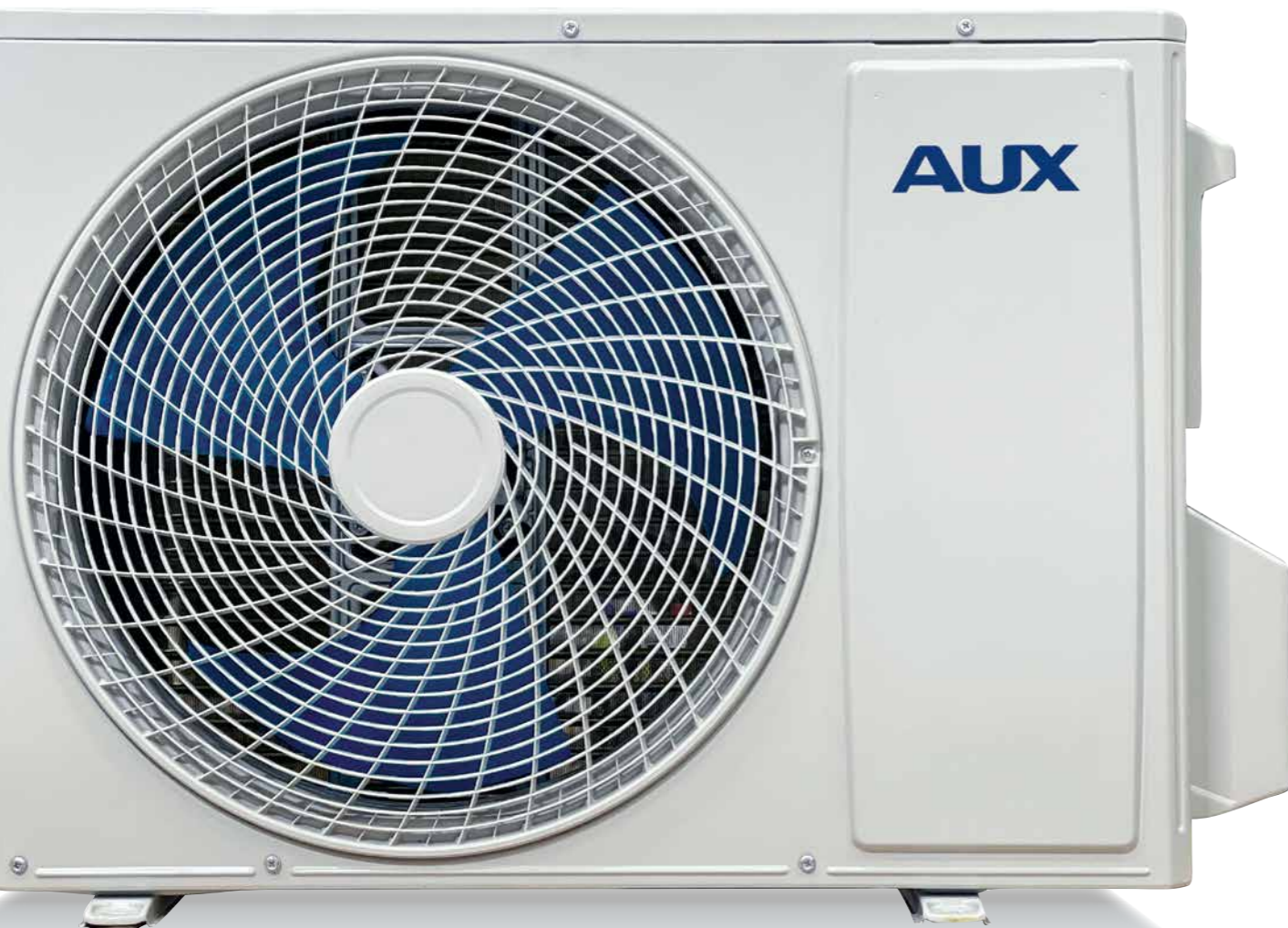


High Quality DC Inverter Compressor

with AUX New Inverter Control System

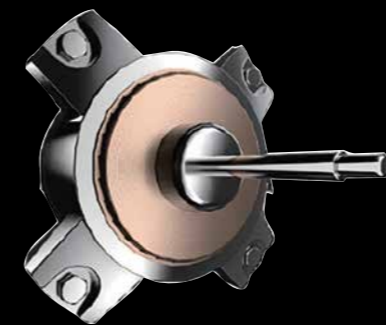
AUX Airconditioning New Inverter Control System with Precise-control Inverter Deduction Algorithm reduces energy loss by enabling more precise signal reception, accurate data processing, and prompt delivery of instructions the compressor.

As a result, AUX inverter compressor offers more stable operation than common inverters. It's super-smooth inverter frequency of variation ensures you never notice fluctuations in room temperature change, precisely maintaining the set temperature.



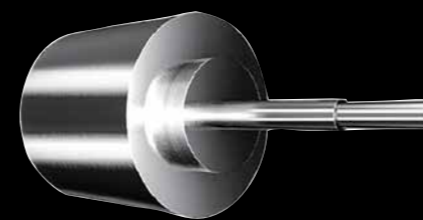
DC Compressor Motor

90% of the power consumption of an airconditioner is utilized by the motor. The ultra smooth operating frequency of AUX airconditioning motors ensures operating reliability, low energy consumption and precise operating parameters.



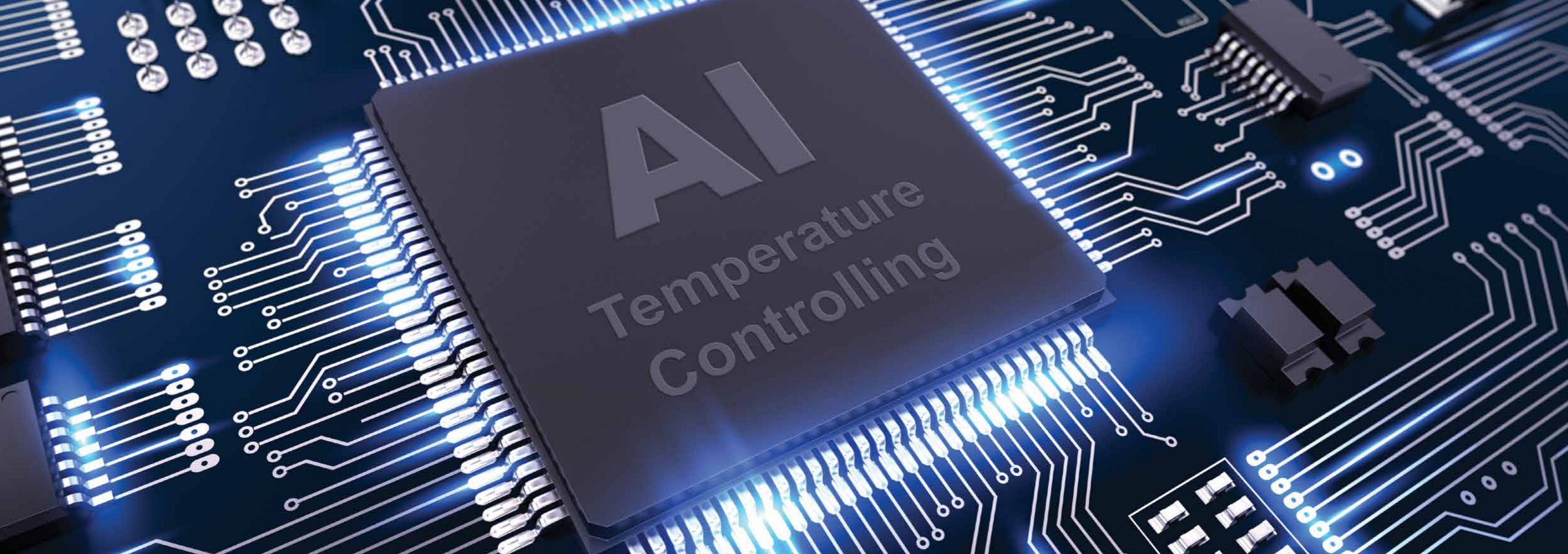
DC Outdoor Fans

DC Outdoor fans are widely regarded as the most efficient type of fans. They consume significantly less power than AC fans. In fact, DC fans consume up to 70% less energy to produce the same output as traditional AC fan types, with more range and less noise.



DC Motor of Indoor Unit Cross Flow Fan

These allow for more even airflow in variable conditions whilst maintaining a low noise level, suitable for home and public areas.



AUX New DC Inverter Control System Technology

Precision Control of Your Environment Under any Conditions!

AUX New Inverter System Control Technology ensures smooth operation and achieves the highest energy efficiency through precise temperature control, 0.3W standby and 1Hz operation of its compressor. As a result the AUX Inverter Compressor offers more stable operation with its super smooth inverter frequency of variation ensuring stable room temperatures under any conditions.

Up to
40%

Ultra Energy Saving

AUX AC precise control of operating parameters ensures a minimum saving of 40% compared to traditional airconditioning technology.

Within
± 1°C

Comfort With Stable Temperature

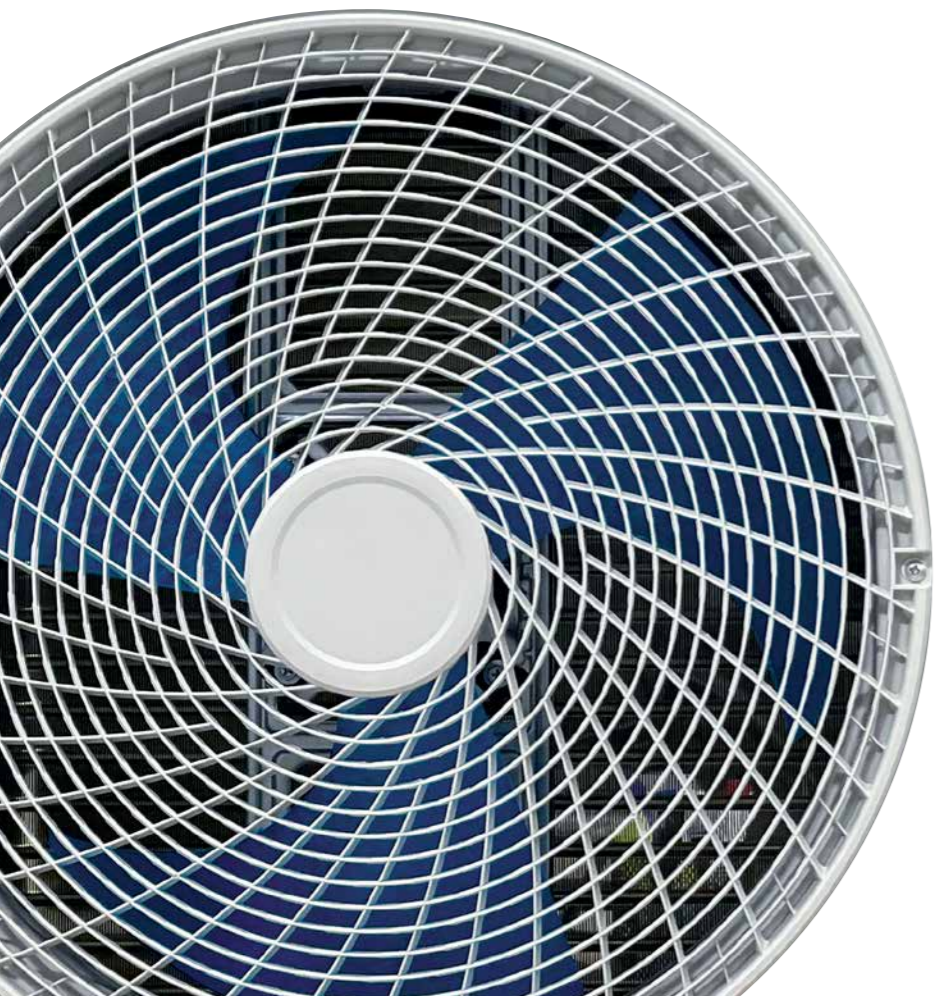
The precise-control algorithm can help the AC easily maintain the desired temperature with minimum within $\pm 0.5^{\circ}\text{C}$ with the minimum fluctuation of compressor frequency.

Starts from
60Hz

Ultra Quick Cooling & Heating

Thanks to the use of a compressor with inverter technology, the air conditioning system can reach full capacity in a short time and provide quick receipt of the set temperature in the room. Air conditioner gets full cooling power in just 30 seconds and full heating power is achieved within 1 minute. The compressor reaches speed equal to 3,900 rpm in 30 seconds, and its start-up time has been shortened by a third.

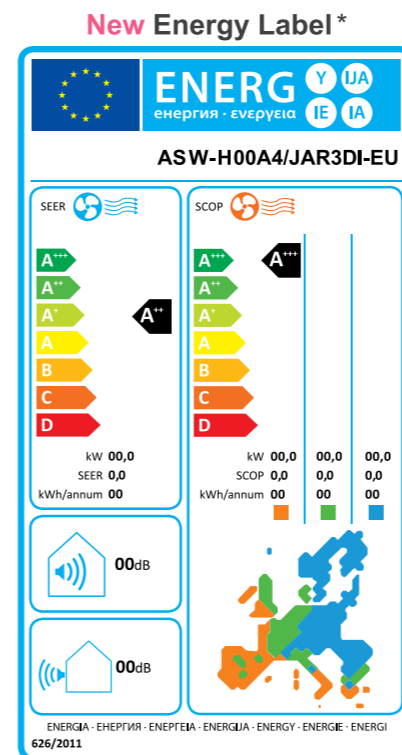
Energy Efficiency



High Quality
DC
Inverter

Energy Saving

The advanced AUX Full DC Inverter technology meets the energy-saving requirements, ensuring high performance with low energy consumption.

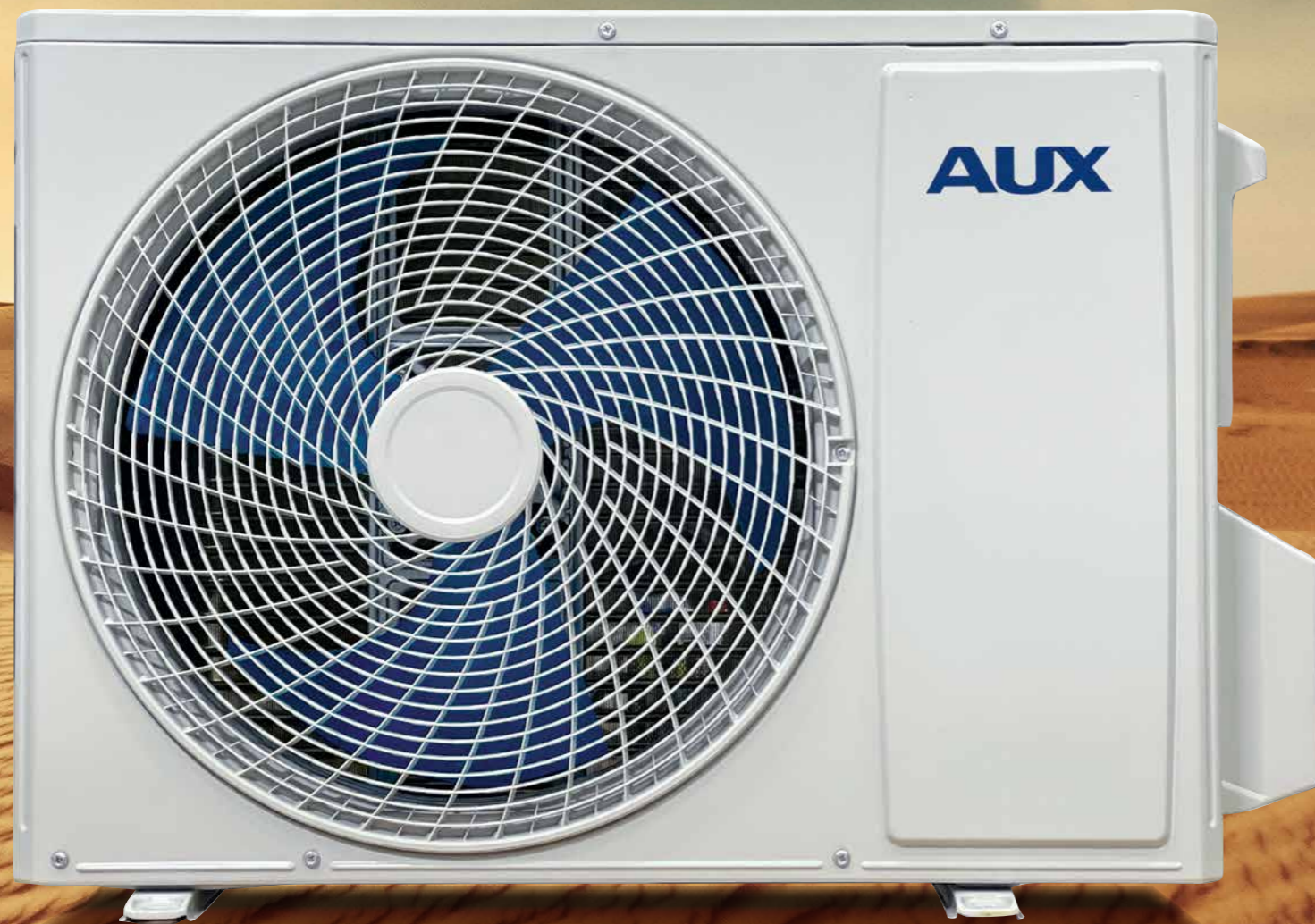


A++ Energy Glass
A+++ Energy Glass

Energy Class

The goal of AUX is to use cutting-edge expertise and technology to ensure exceptional performance in the SEER / SCOP coefficients, which determine the high energy class of the machines.

High energy class means high quality construction, better performance and greater savings in energy consumption, and protection of the environment.



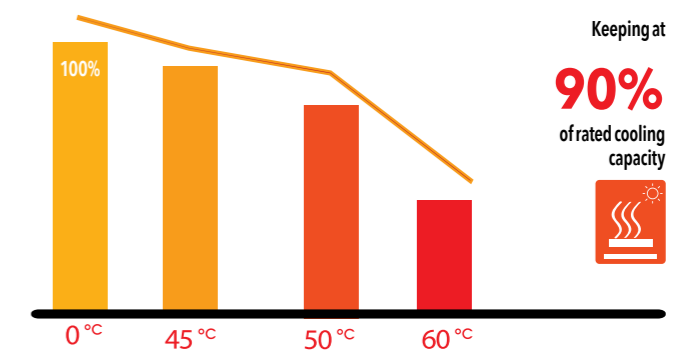
60°C

High Ambient Cooling

Even at the hot temperature of up to 60°C, the AUX Inverter compressor can still operate effectively, providing optimal cooling to the room without any interruptions.

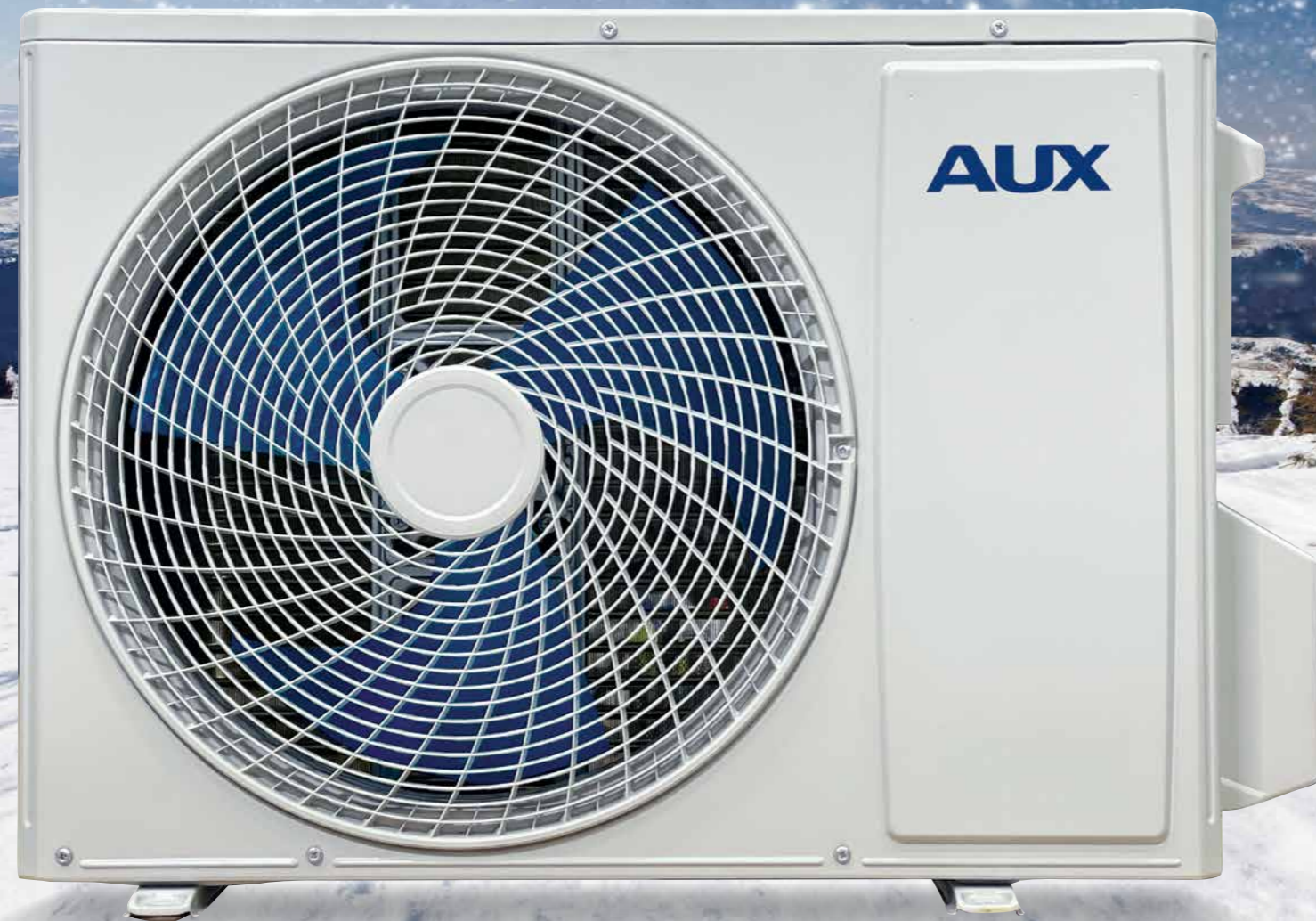
Wide frequency range: 15-105Hz

Resistant to wide voltage fluctuations: 170-270V.



Low Cooling Capacity Loss

Under extremely hot conditions, cooling performance of the unit will not decrease too much, maintaining 90% of rated cooling capacity.



-20°C

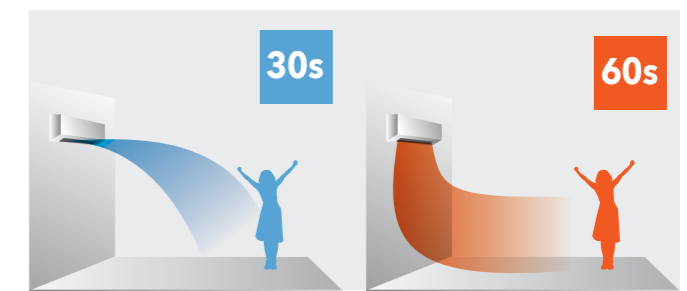
Low Ambient Heating

The ideal solutions for the harshest of colds. The AUX AC units provide high heating capacity at -10°C to keep you comfortable. It runs at 100% full output capacity to keep you warm even when the ambient temperature is -20°C.

High frequency reach up to 120Hz

Highest air-outlet temperature: 50°C

Fastest: air-outlet temperature reaching above 34.5°C within 60s





Low Noise Technology

Due to the high efficiency DC Inverter Compressor and DC Fan Motor, AUX airconditioners can operate as low as 20dB, which is quieter than a library.

The combination of the air tunnel optimization technology, big diameter fan and high efficiency DC Fan motor contributes to a better air distribution and air flow for indoor unit with noise as low as 20dB, providing you with a comfortable sleeping environment.



20dB
J-Smart



22dB
Library



26dB
Forest

All Year Round Protection - Guaranteed!

AUX Airconditioner products are put through extensive and rigorous testing before being shipped to ensure that they are of the highest quality and durability. They are designed to resist tough conditions such as rain, direct sunlight and strong winds, which cause corrosion. Additionally the refrigerant circuits and electrical components have protective features guaranteeing your comfort and safety all year round!

Golden Fin

Effectively prevent bacteria from breeding and improve heat transfer efficiency. The unique anti-corrosive golden coating of the condenser also acts as a barrier to acidity from rain, salty air and other corrosive elements.



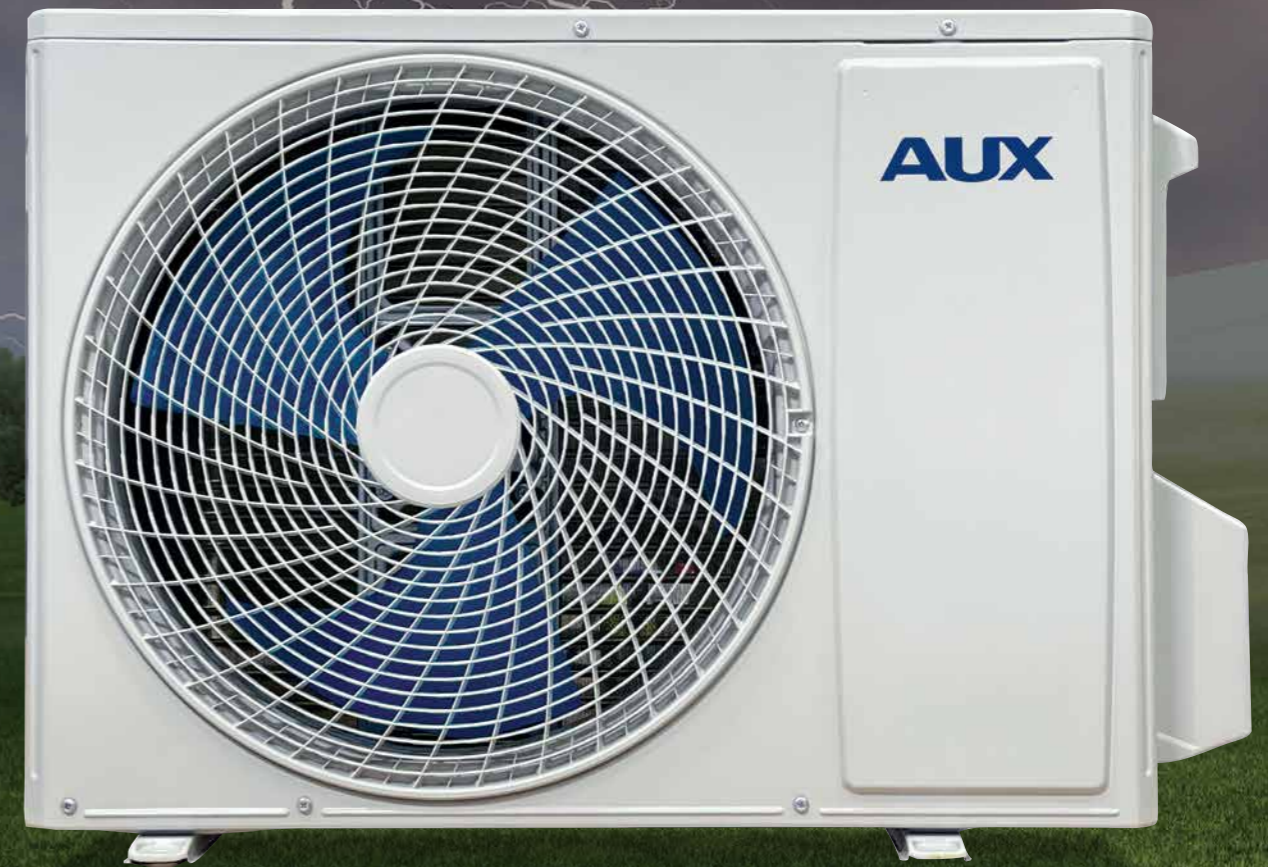
Fluoride leakage protection

It can monitor the leakage of Freon Gas. When leakage occurs, the control system will immediately shut down protecting core components from damage, such as the compressor.



5VA security

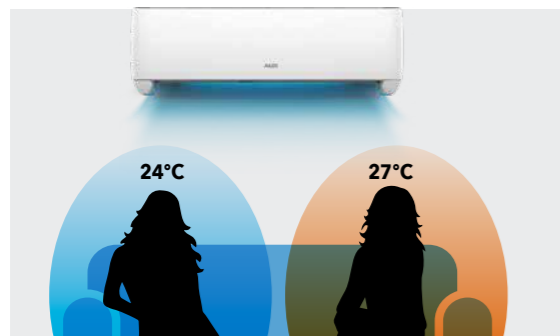
The highest level fire-proof materials have been adopted to protect the internal electronic control components, and also preventing potential fires due to any internal or external factors





Comfortable Air Supply!

AUX Airconditioners come complete with features designed to ensure maximum comfort in the home or office. Your cooling or heating needs are only a touch of a button away!



IFeel Function

The temperature sensor built in the remote controller will sense its surrounding temperature, enabling the unit to achieve accurate temperature control....It feels like the airconditioner is following you!



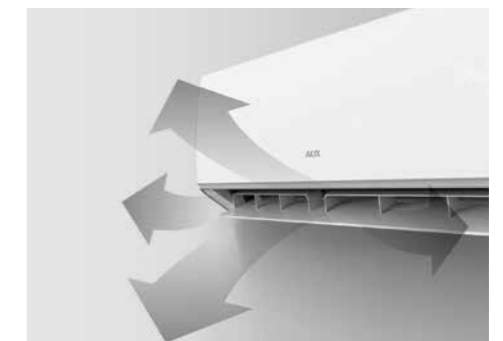
Sleep Mode

Control the air temperature and air volume, reduce noise and save electricity. Create a comfortable sleeping environment at night.



Long Distance Airflow

Due to the wide diameter cross flow fan combined with powerful compressor performance, AUX airconditioners keep you comfortable in every corner of the room.



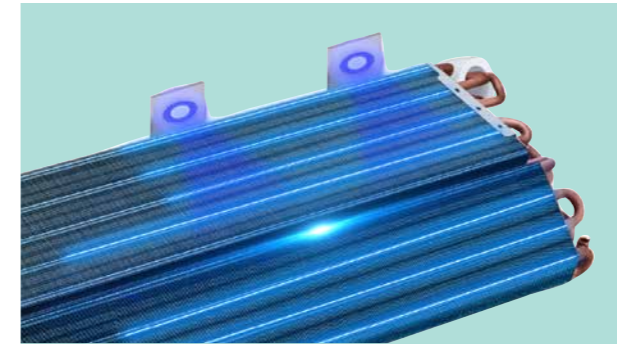
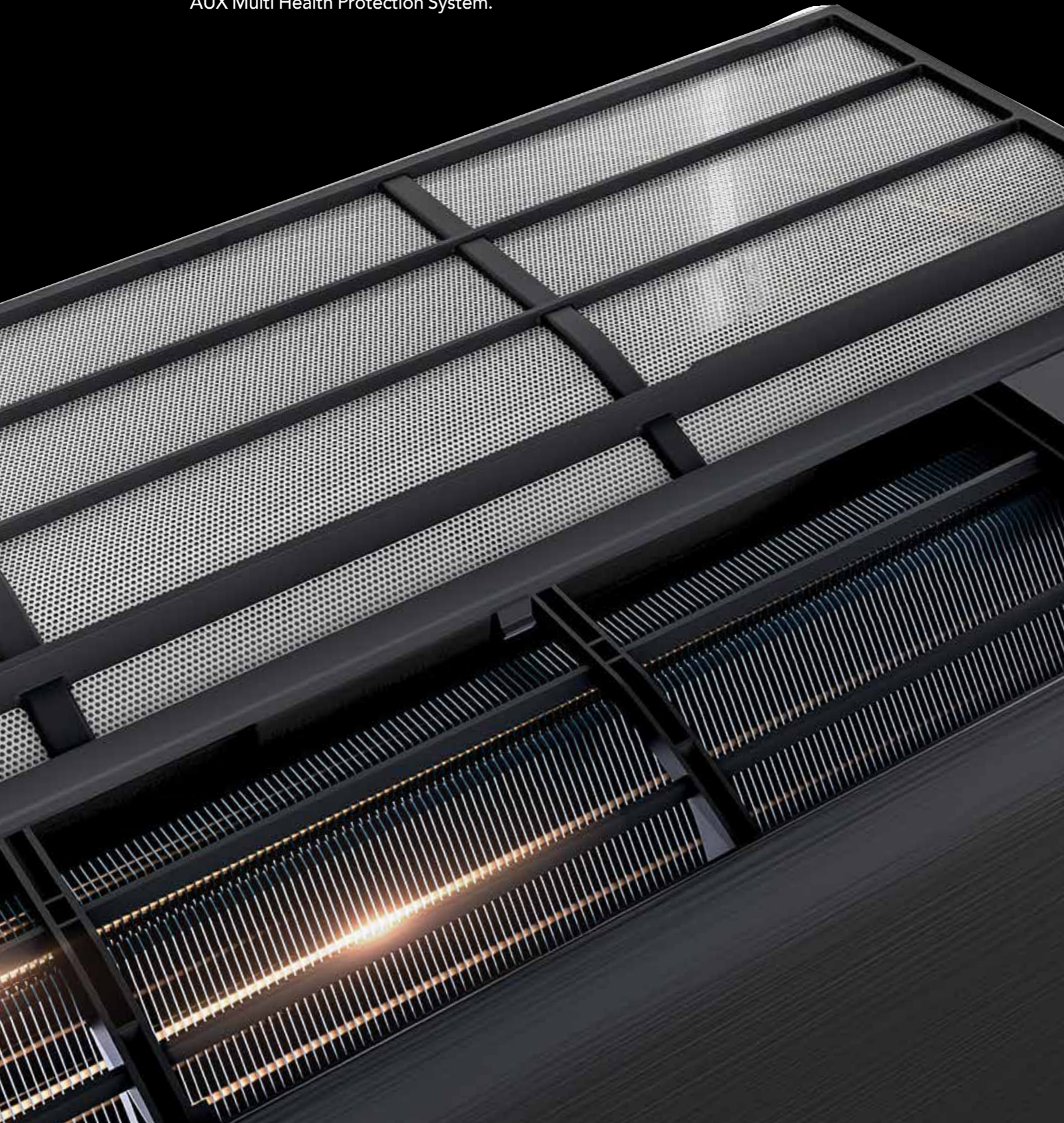
4D Air Flow

Combine vertical and horizontal auto swing to ensure an even distribution of air flow throughout the room.

Health Care

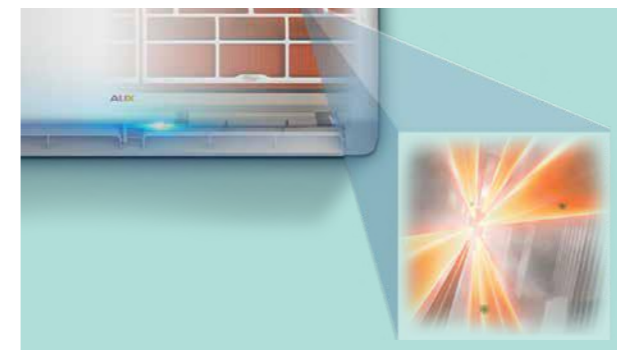
You Are What You Breathe

Always feel fresh with air that is clean and cool with AUX Multi Health Protection System.



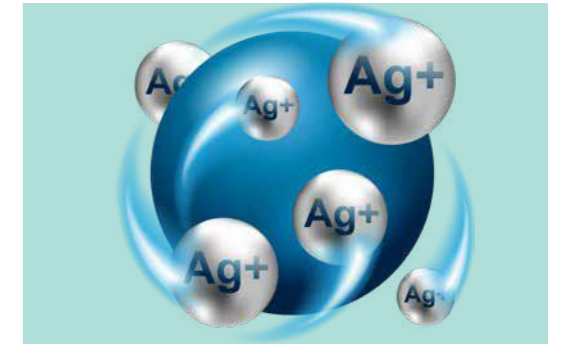
UVC Light for killing bacteria and viruses

The UV LED embedded in the air conditioners will provide disinfection on the surface of evaporator, as well as sterilization of any indoor airborne contaminants drawn into the air conditioner, including various harmful viruses and bacteria, ensuring that fresh air is continuously discharged. Conventional household air conditioners typically draw outside air into the AC unit and discharge that air back into the interior after cooling and filtering, where it is continuously recirculated. This recirculation of indoor air may cause a higher risk of infection through aerosol transmission when viruses are present.



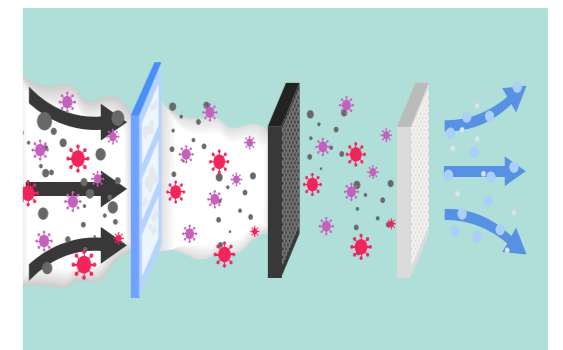
High temperature sterilisation of the condenser

The new Generation airconditioner from AUX are equipped with the High Temperature Sterilization Function*. This function maintains a high temperature of 57°C to the condenser and lasts for a period of time to ensure effective sterilisation.



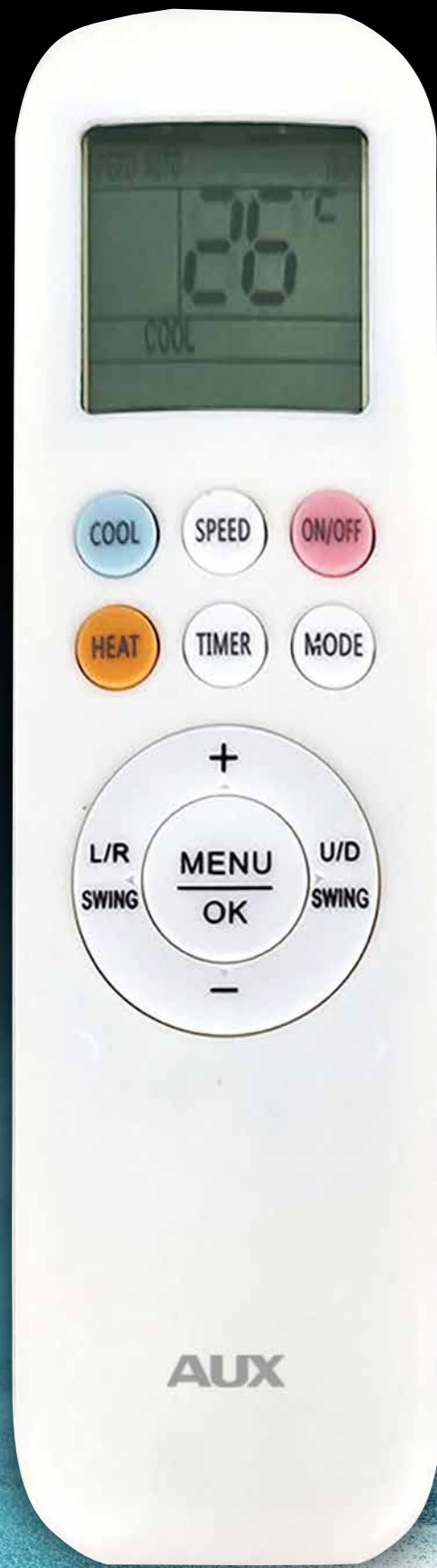
Super ionizer for fresher and cleaner air

One of the key functions that positively influences our mood, well-being and concentration while working or studying. The ionizer balances the level of positive and negative ions in the room, thus preventing the growth of viruses, fungi and bacteria. In addition, it neutralizes allergens and unpleasant odors.



Multi layered filtration

AUX Airconditioners come with high density, anti-bacterial filters and easily cleaned filter that provides additional protection to the air you breathe. A range of other filter options include: Anti PM2.5 Filter, Vitamin C Filter, Carbon Filter, Please contact us for more information.



Pure Convenience

With Intelligent Operation

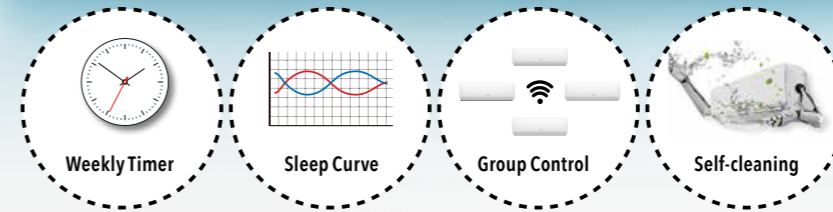
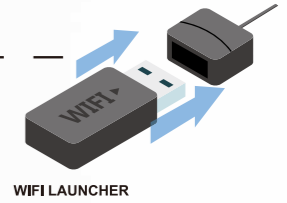
Cool and Fresh Air is Only the touch of a button away!

Timer Control

Set an easy countdown to an On/Off time, or use the combined timer to start and stop your airconditioner at different times of the day according to your needs.

Comfort you Want... Auto Swing Function

Control the airflow you want. Make your room comfortable with the Auto Swing Function distributing conditioned air to the maximum area by moving the horizontal louver automatically.



Easily installed WiFi module, with new upgraded mobile App control system.



WiFi Control 2.0

The AUX AC Freedom App lets you control one or multiple airconditioners from your mobile device at home or remotely with the optional WiFi adapter.

Using the app as a remote control, check if the airconditioning is off when no one is home, and receive alerts when its time to change the filter*

Features Reference

Comfort



Intelligent Wifi function

Create the ideal comfort conditions in your space from a distance using wifi control with your hand-held device. Enable the app on your device and connect to the wireless Internet at your space to control the function you want.



IFeel

Temperature sensor built in the remote control will sense its surrounding temperature, so the unit can achieve accurate and comfortable temperature control just like the air conditioner is following you.



Fast Cooling/Heating

Startup at high frequency increases cooling/heating capacity and reduces time to reach set temperature, thus you can enjoy cooling and heating in seconds.



Anti-Cold-Air

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



Deep Sleep

The function enables the air conditioner to automatically increase cooling or decrease heating 1°C per hour for the first 2 hours, then holds steady for the next 5 hours, after that it will switch off. This function maintains both energy saving and comfort in night.



Silent Operation

Indoor fan will run at super breeze speed and indoor noise level can be extremely low when the unit enters silent mode operation.



Auto swing

Distributes cool/warm air to maximum area by moving horizontal and vertical fags automatically.



Independent Dehumidification

With the independent dehumidification function, the unit can efficiently dehumidify the room and give you more comfort.



4D Air Flow

Combine vertical and horizontal auto swing to ensure an even distribution of airflow throughout the room.



Turbo Operation

When the air conditioner goes into Turbo mode, it will maximize the output capacity by the rapid cooling down or heating up of the room.



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.



Dimmer

Press this button to shut off the display light on the front panel.



3D Air Flow

Combine vertical and horizontal auto swing to ensure an even distribution of airflow throughout the room.

Reliability



No Frosting Chassis

The unique pipeline design makes the temperature on chassis higher than normal units, preventing the accumulation of defrosted water, which improves heat transfer efficiency and solves the drainage problem.



Golden Fin

Effectively prevent bacteria breeding and improve heat transfer efficiency. The unique anti-corrosive golden coating on the condenser can withstand the rain, salty air and other corrosive elements.



Optional Electric Heater

Built-in auxiliary electric heater as option, the heating performance will be more powerful. maintains both energy saving and comfort in night.



Self-diagnosis Function

Once abnormal operation or parts failure happen, the unit will monitor the failures, the microcomputer of air conditioner will switch off and protect the system automatically when it happens. Meanwhile, the error or protection code will be displayed on the indoor unit.



Low Ambient Cooling

With special designed PCB, outdoor fan speed can be changed automatically according to condensation temperature. The air conditioner can run cooling operation even when the outdoor ambient temperature down to -15°C.



Intelligent Defrosting

Normal defrost function can only be operated in certain time, but AUX commercial air conditioner's intelligent defrost can start automatically according to the surrounding condition.



Fire-proof Electric Box

Electrical control box adopts new design, which can meet the higher fire safety requirement to prevent the internal fire due to the electric spark accident.



Compressor Heating Belt

Auxiliary heating belt can increase compressor oil temperature in winter and prevent defrosting water accumulated, which improves heat transfer efficiency.

Health



Long-term Filter

The latest long-term filter ensures better air quality. Meanwhile, the cleaning frequency has been decreased, and maintenance is also much easier.



Self-Cleaning

Indoor unit will continue running with special combined mode to blow and dry indoor evaporator after the unit switch off so as to keep clean and healthy.



Silver Ion Filter

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



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.



Anti-Formaldehyde filter

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



Fresh Air Intake

Air outside can be led into the room via a connection pipe, which keeps the indoor air fresh and healthy.

Energy Saving



180° Sine Wave Control

With considerable advantages, DC Inverter 180° sine wave driving technology has much wider range of frequency and voltage, higher energy efficiency, more smooth running and lower noise.



Full Process by DC Drive

DC control, DC Compressor, DC indoor motor, DC outdoor motor, and DC Electronic expansion valve make low noise and high efficiency.



0.3W Standby

With considerable advantages, DC Inverter 180° sine wave driving technology has much wider range of frequency and voltage, higher energy efficiency, more smooth running and lower noise.



Hydrophilic aluminum fin

The louvered hydrophilic aluminum foil has improved by more than 10%. The refrigerant inlet and outlet are separated, to ensure the subcooling and enhance the cooling capacity.



Sleep Mode

The function enables the air conditioner to automatically increase cooling or decrease heating 1°C per hour for the first 2 hours, then holds steady for the next 5 hours, after that it will switch off. This function maintains both energy saving and comfort in night.

Convenience



WiFi Control

With the WiFi control, you can easily turn off the air conditioner outside your house via smart device. Furthermore, you can turn it on before you come back.



Remote Control

Help users to control the air conditioner easily, you can design your most comfortable settings with this controller.



Central Control

With the control function of weekly timer, zone (or group) setting etc., the centralized controller can control 64 units with RS 485 wire connection and the central control adapter.



Wired Control

Help users to control the air conditioner easily, the 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.



Digital Tube Display

Easily for the running parameters checking and more convenient for troubleshooting, digital tube displays work status such as indoor temperature, setting temperature, the mode of operation, etc.



24-hour Timer

Users can turn on or turn off the air conditioner at any time in 24 hours with remote controller or wireless controller.



Auto Restart Function

If the air conditioner breaks off unexpectedly due to the power cut, it will restart with the previous setting mode automatically when the power resume.



Dual side Drainage

Easier installation with both left and right sides of the indoor unit possible for drainage hose connection.



Washable Filter

The indoor unit filter can be taken off to wash easily and it keeps cleaning air all the time.



Built-in Drain Pump

The built-in pump can lift the condensing water 1200 mm upmost from the drainage pan.

Split Overview



J-Smart

Matte Finish Panel

Some of the features offered include: WIFI Ready, Powerful Performance, Ultra Low Silent Operation, Energy Efficient, Quick Cooling & Heating, 4D Airflow, Super Ionizer, Autoclean Outdoor Unit, Easy Maintenance.



Q-Series

Efficient, Healthy, Comfortable, Intelligent

Some of the features offered include: UV Sterilisation, High Temperature Sterilisation of Indoor Unit, Super Ioniser, Easily accessed filters, Powerful Performance, WiFi are some of the many features included.



Freedom

Economic Units

Freedom Series are economic units that employ universal, modern stylistics and optimal operating parameters.



J-Smart Onyx

Black housing and original design. The surprising combination of a matte body with a black mirror surface of the front panel will meet the expectations and taste of even the most demanding users. J-Smart Onyx air conditioners delight with a sophisticated and very modern design. The slim, elegant black casing will perfectly complement any interior design.



Q-Series Diamond

The exclusive Q Series Diamond Series is aimed at those who appreciate luxury and perfect minimalism. Created for modern interiors.



Portable - M

Small Size, Great Capability

The portable air conditioner of the M series has a simple, minimal casing with compact dimensions. Its timeless design will work well in any interior. The combination of the glossy surface of the front panel with the matt finish of the supply louvre adds a modern character to the device.



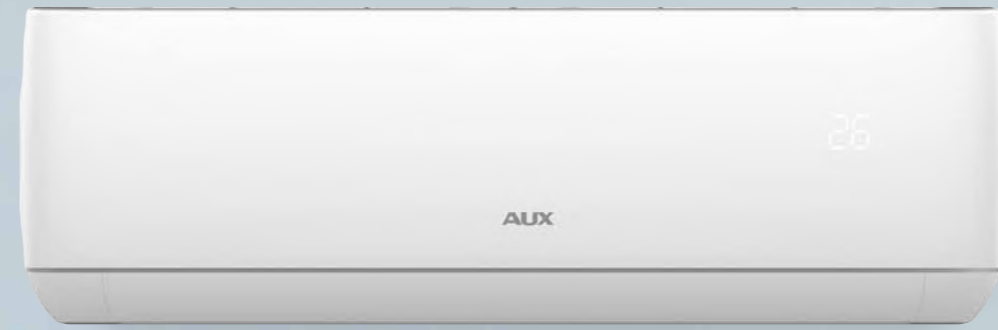
J-Smart



J-Smart Onyx

J-Smart

The J-Smart series is characterized by a minimalist, discreet styling. Snow-white, simple in form housing with subtle curves and made of easy-to-handle keep clean and resistant to mechanical damage ABS plastic. Its perfectly matched housing components and its smooth surface with matte finish give the unit a uniform, high aesthetics appearance. The Design of the J-Smart series was awarded the prestigious IF Design Award.



30s



60s



Quick cooling / heating technology

The air conditioner obtains full cooling power in just 30 seconds, and reaches full heating power within 1 minute. The compressor achieves a speed of 3,900 rpm in 30 seconds and its start-up time is reduced by a third.

20dB



Silent Operation - 20dBA

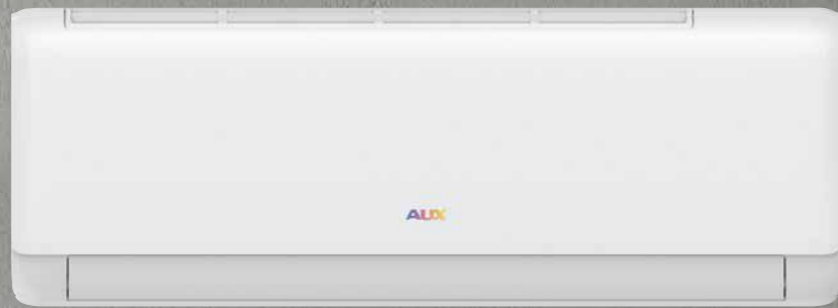
The air tunnel optimization technology big diameter fan and high efficiency motor help the indoor unit deliver a better air distribution and air flow, with noise levels down to 20dB, providing you with a comfortable sleeping environment.



Intelligent Defrost

Automatically starts defrosting according to temperature changes, instead of time intervals as was before. This leads to overall energy savings.





Q-Series

Cool and Sterilized Air!

The Q Series is the latest introduction to the AUX Airconditioner residential product range. Its simple elegant design fits seamlessly into any interior.

Additionally, it is fully equipped with a multi-protection system ensuring fresh cool air for all the family, making it the ideal choice for any home.



Q-Series



Q-Series Diamond



High Quality Compressor

Under the extreme heat conditions, cooling performance of the unit will not decrease too much, keeping at 90% of rated cooling capacity.



New Generation Multi Health System

The Q Series come fully equipped with features designed to provide Clean Air at the temperature you desire. These features include: Super Ionizer, UV Light for effective Virus and bacteria control, easily accessible for cleaning filters. You also have the option to install the following filters: High Density Anti-bacterial filter, Anti PM2.5 Filter, Vitamin C Filter or Active Carbon Filter.



Independent Dehumidification

Enjoy optimal conditions, without the unpleasant feeling of dry air or high humidity, with the Smart Dehumidification function*. The built-in humidity sensor allows the air conditioner to automatically maintain the air humidity between 40% and 55%. With the touch of a button, you can always know the humidity level, seen on the display panel.

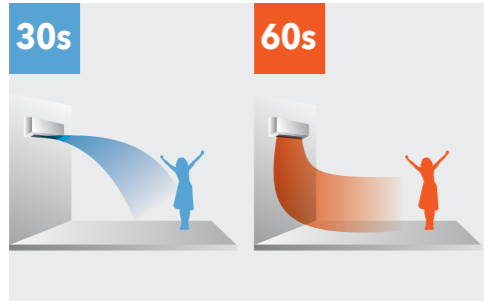
Freedom

The Freedom Series with its Inverter technology and energy class A++ guarantee high energy efficiency and reliability. Although it is the basic model in the range of AUX Residential Airconditioners, Freedom units surprise with the number of functions – they offer self-cleaning function, turbo mode, programmer time, intelligent temperature reading “I Feel” function, and optional WiFi control.



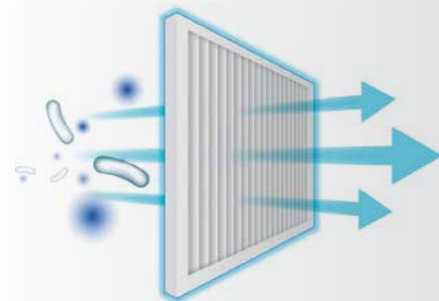
4D Air Flow

Combine vertical and horizontal auto swing to ensure an even distribution of air flow throughout the room.



Quick cooling / heating technology

The air conditioner obtains full cooling power in just 30 seconds, and reaches full heating power within 1 minute. The compressor achieves a speed of 3,900 rpm in 30 seconds and its start-up time is reduced by a third.



Antibacterial filter - effective protection against microbes

The antibacterial filter has a sterilizing effect on all types of bacteria. Dust and microbes floating on it are retained on the antibacterial filter surface. Thanks to the bactericidal substances, their development is inhibited.



Portable-M

Portable AUX air conditioners will prove an excellent choice wherever it is not possible to install a traditional split air conditioner. They do not require specialist installation - warm air is discharged from the room through an exhaust pipe that can be mounted in a window or in a wall. They are distinguished by their mobility - the device can be easily moved to another room at any time, thanks to the wheels attached to the base of the housing. They provide effective cooling while maintaining a low noise level.



Auto Swing

Double-layer automatic air louver horizontal design is developed to control the wind effectively, thus making it more convenient.



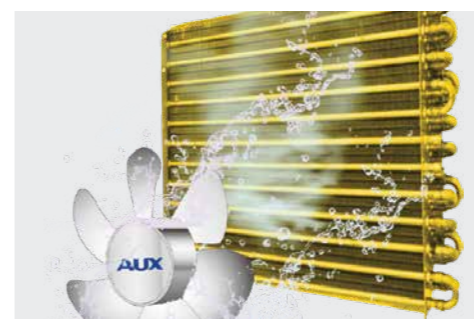
Large display screen

Large touch panel together with easy operation.



Iron security controller box

Prevent Insects. Prevent Fire.



Advantage water atomization

Without water tank, automatically fetching water to the condenser, make water elaborate. Reduce the condensing temperature, reduce power consumption, enhancing the condensation efficiency.

J-Smart

J-Smart Onyx

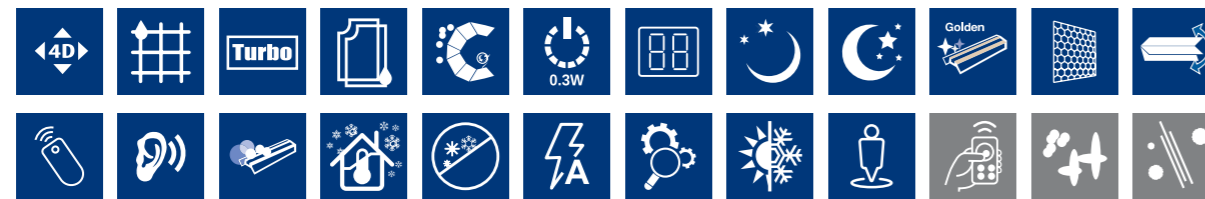


Specifications

MODEL	ASW-H09B5C4/ JAR3DI	ASW-H12C5C4/ JAR3DI	ASW-H18E3D4/ JAR3DI	ASW-H24F7A4/ JAR3DI
Rated Voltage	220v-240v	220v-240v	220v-240v	220v-240v
Cooling Capacity (BTU/H)	9212	12283	18083	24566
Cooling Capacity (kW)	2.7 (0.6~3.8)	3.5 (0.8~4.1)	5.3 (1.3~5.9)	7.2 (1.8~7.4)
Heating Capacity (BTU/H)	10236	12624	19107	24566
Heating Capacity (kW)	3.0 (0.8~4.2)	3.8 (1.0~4.2)	5.6 (1.3~6.0)	7.2 (1.8~8.0)
Cooling Current (A)	3.8 (0.7~7.8)	5.6 (0.7~7.8)	7.5 (2.2~9.3)	10 (1.0~12.0)
Heating Current (A)	4.1 (1.5~8.0)	4.9 (1.5~8.0)	7.0 (2.0~8.0)	9.5 (1.0~11.0)
Cooling Input (kW)	0.8 (0.1~1.6)	1.18 (0.1~1.6)	1.58 (0.3~2.1)	2.2 (0.2~2.7)
Heating Input (kW)	0.85 (0.3~1.6)	1.10 (0.3~1.6)	1.55 (0.2~1.8)	2.2 (0.2~2.5)
SEER Cooling	6.2	6.19	7	6.53
SEER energy class	A++	A++	A++	A++
SCOP Heating - warmer	5.11	5.31	5.81	5.41
SCOP energy class - warmer	A+++	A+++	A+++	A+++
Max Input Current (A)	9.5	9.5	12	16
Max Input Power (kW)	1.9	1.9	2.4	3.4
Refrigerant Quantity (kg)	0.56	0.56	1.03	1.3
Air Flow Volume (m3/h) - (Turbo-Hi-Mid-Low-Si)	600/540/480/430/390	600/540/480/430/390	850/810/730/650/580	1350/1030/930/840/750
IU Noise (Sound Pressure) (dB) - (Turbo-Hi-Mid Low-Si)	42/38/34/29/22	42/39/35/31/24	46/42/39/35/25	47/43/40/36/26
IU/OU Noise(Sound Pressure) (dB)	42/47	42/49	46/53	47/54
IU/OU Noise(Sound Power) (dB)	54/61	54/62	57/64	63/66
IU Net Weight (kg)	8	8	11	14
OU Net Weight (kg)	22.5	22.5	25	49
Net Dimension IU (WxDxH) (mm)	792x292x201	792x292x201	940x316x224	1132x330x232
Net Dimension OU (WxDxH) (mm)	705x279x530	705x279x530	715x280x537	900x350x700
Piping Diameter - Liquid Side (mm(inch))	6.35(1/4)	6.35(1/4)	6.35(1/4)	6.35(1/4)
Piping Diameter - Gas Side (mm(inch))	9.52(3/8)	9.52(3/8)	12.7(1/2)	15.88(5/8)
Max pipe length (m)	20	20	25	25
Max installation fall (m)	10	10	15	15
Additional added gas charge per meter (g)	15	15	25	25
Max pipe length (m) for pre - charge gas	5	5	5	5
Ambient Temp - Cooling (°C)	16~49°C	16~49°C	16~49°C	16~49°C
Ambient Temp - Heating (°C)	-15~30°C	-15~30°C	-15~30°C	-15~30°C

Features

■ standard ■ optional



Q-Series

Q-Series Diamond

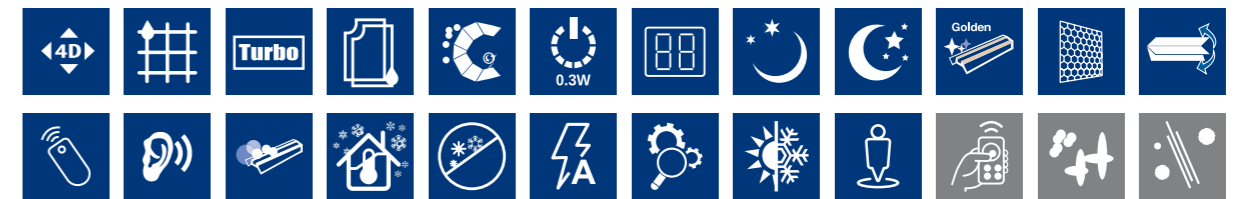


Specifications

MODEL	ASW-H09B5A4/ QCR3DI-C3	ASW-H12C5A4/ QCR3DI-C0	ASW-H18E3D44/ QCR3DI-C0	ASW-H24F7A44/ QCR3DI-B9
Rated Voltage	220v-240v	220v-240v	220v-240v	220v-240v
Cooling Capacity (BTU/H)	9212	12283	18424	24566
Cooling Capacity (kW)	2.7 (0.6~3.8)	3.5 (0.8~4.1)	5.4 (1.3~5.8)	7.2 (1.8~7.4)
Heating Capacity (BTU/H)	10236	12624	19789	24566
Heating Capacity (kW)	2.9 (0.8~4.2)	3.8 (1.0~4.1)	5.6 (1.3~6.0)	7.2 (1.8~8.2)
Cooling Current (A)	3.8 (0.7~7.8)	5.6 (0.7~7.8)	7.5 (2.3~10)	10 (1.00~12.00)
Heating Current (A)	4.1 (1.5~8.0)	4.9 (1.5~8.0)	7.0 (2.3~10)	9.5 (1.00~11.00)
Cooling Input (kW)	0.8 (0.1~1.6)	1.18 (0.1~1.6)	1.70 (0.50~2.20)	2.2 (0.23~2.76)
Heating Input (kW)	0.85 (0.3~1.6)	1.10 (0.3~1.6)	1.65 (0.20~1.80)	2.2 (0.23~2.53)
SEER Cooling	6.1	6.1	7.3	6.1
SEER energy class	A++	A++	A++	A++
SCOP Heating - warmer	5.31	5.3	5.4	5.25
SCOP energy class - warmer	A+++	A+++	A+++	A+++
Max Input Current (A)	9.5	9.5	12	16
Max Input Power (kW)	1.9	1.9	2.4	3.4
Refrigerant Quantity (kg)	0.56	0.56	1.03	1.3
Air Flow Volume (m3/h) - (Turbo-Hi-Mid-Low-Si)	600/540/480/430/390	600/540/480/430/390	950/800/700/600/550	1330/1280/1090/900/750
IU Noise (Sound Pressure) (dB) - (Turbo-Hi-Mid Low-Si)	42/38/34/29/22	42/39/35/31/24	46/42/39/35/25	47/43/40/36/26
IU/OU Noise(Sound Pressure) (dB)	42/47	42/49	46/53	47/54
IU/OU Noise(Sound Power) (dB)	54/63	54/63	58/62	63/66
IU Net Weight (kg)	7.5	7.5	11.5	15
OU Net Weight (kg)	22.5	22.5	28	45
Net Dimension IU (WxDxH) (mm)	761x295x200	761x295x200	960x316x212	1090x328x227
Net Dimension OU (WxDxH) (mm)	705x279x530	705x279x530	715x280x537	900x350x700
Piping Diameter - Liquid Side (mm(inch))	6.35(1/4)	6.35(1/4)	6.35(1/4)	6.35(1/4)
Piping Diameter - Gas Side (mm(inch))	9.52(3/8)	9.52(3/8)	12.7(1/2)	15.88(5/8)
Max pipe length (m)	20	20	25	25
Max installation fall (m)	10	10	15	15
Additional added gas charge per meter (g)	15	15	25	25
Max pipe length (m) for pre - charge gas	5	5	5	5
Ambient Temp - Cooling (°C)	16~49°C	16~49°C	16~49°C	16~49°C
Ambient Temp - Heating (°C)	-15~30°C	-15~30°C	-15~30°C	-15~30°C

Features

■ standard ■ optional



Freedom

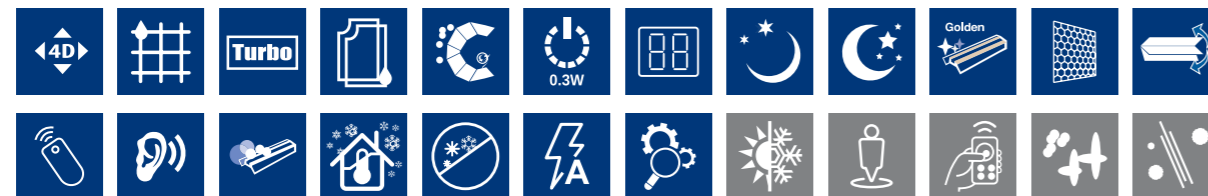


Specifications

MODEL	ASW-H09B5C4/ FAR3DI	ASW-H12C5C4/ FAR3DI	ASW-H18E0A4/ FAR3DI	ASW-H24E0A4/ FAR3DI
Rated Voltage	220v-240v	220v-240v	220v-240v	220v-240v
Cooling Capacity (BTU/H)	9212	11942	17401	24567
Cooling Capacity (kW)	2.7 (0.6~3.8)	3.5 (0.8~4.1)	5.1 (1.3~5.3)	7.2 (1.8~7.4)
Heating Capacity (BTU/H)	9895	12966	18425	24567
Heating Capacity (kW)	2.9 (0.8~4.2)	3.8 (1.0~4.2)	5.4 (1.3~5.5)	7.2 (1.8~8.0)
Cooling Current (A)	3.8 (0.7~7.8)	5.6 (0.7~7.8)	7.0 (1.2~7.5)	10 (1.0~12)
Heating Current (A)	4.1 (1.5~8.0)	4.9 (1.5~8.0)	6.0 (1.0~6.6)	9.5 (1.0~11)
Cooling Input (kW)	0.8 (0.1~1.6)	1.18 (0.1~1.6)	1.52 (0.28~1.70)	2.2 (0.23~2.76)
Heating Input (kW)	0.85 (0.3~1.6)	1.10 (0.3~1.6)	1.40 (0.22~1.50)	2.2 (0.23~2.53)
SEER Cooling	6.2	6.19	6.35	6.53
SEER energy class	A++	A++	A++	A++
SCOP Heating - warmer	5.08	5.1	5.4	5.25
SCOP energy class - warmer	A+++	A+++	A+++	A+++
Max Input Current (A)	9.5	9.5	12	16
Max Input Power (kW)	1.9	1.9	2.4	3.4
Refrigerant Quantity (kg)	0.56	0.56	0.8	1.3
Air Flow Volume (m3/h) - (Turbo-Hi-Mid-Low-Si)	560/500/450/400/360	560/500/450/400/360	850/760/680/610/550	1150/1030/930/840/750
IU Noise (Sound Pressure) (dB) - (Turbo-Hi-Mid Low-Si)	42/38/34/29/22	42/39/35/31/24	46/42/39/35/25	47/43/40/36/26
IU/OU Noise(Sound Pressure) (dB)	42/47	42/49	46/53	47/54
IU/OU Noise(Sound Power) (dB)	54/61	54/62	57/64	63/66
IU Net Weight (kg)	8	8	11	14
OU Net Weight (kg)	22.5	22.5	25	49
Net Dimension IU (WxDxH) (mm)	750x285x200	750x285x200	900x310x255	1082x330x233
Net Dimension OU (WxDxH) (mm)	705x279x530	705x279x530	715x280x537	900x350x700
Piping Diameter - Liquid Side (mm(inch))	6.35(1/4)	6.35(1/4)	6.35(1/4)	6.35(1/4)
Piping Diameter - Gas Side (mm(inch))	9.52(3/8)	9.52(3/8)	12.7(1/2)	15.88(5/8)
Max pipe length (m)	20	20	25	25
Max installation fall (m)	10	10	15	15
Additional added gas charge per meter (g)	15	15	25	25
Max pipe length (m) for pre - charge gas	5	5	5	5
Ambient Temp - Cooling (°C)	16~49°C	16~49°C	16~49°C	16~49°C
Ambient Temp - Heating (°C)	-15~30°C	-15~30°C	-15~30°C	-15~30°C

Features

■ standard ■ optional



Portable-M

Specifications

MODEL	12K
cooling capacity BTU	12000 BTU
cooling capacity KW	3.40 kw
power supply	220-240 , 50 , 1
working current	5.80 A
energy consumption	1300 W
max. power consumption(A)	8.00A
max. power consumption(W)	1450W
EER	2.6
energy class	A
airflow volume	390/360/330
noise level db	64/63.5/63
dimensions (width, height, depth)	476*710*385
weight net / cross	33 / 38 kg
refrigerand	R290

Features



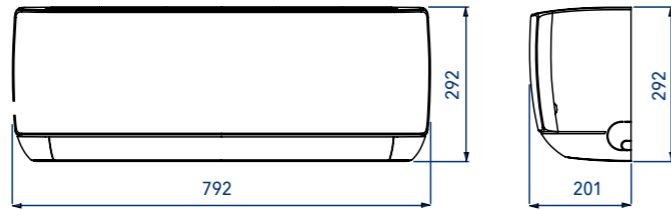
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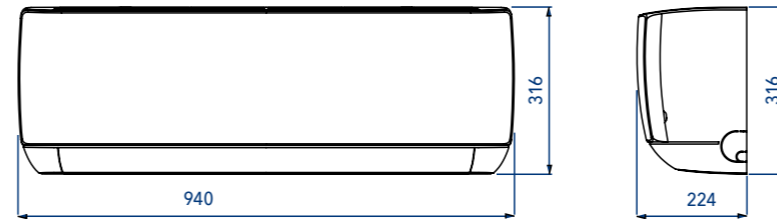
Dimensions

J-Smart J-Smart Onyx Series

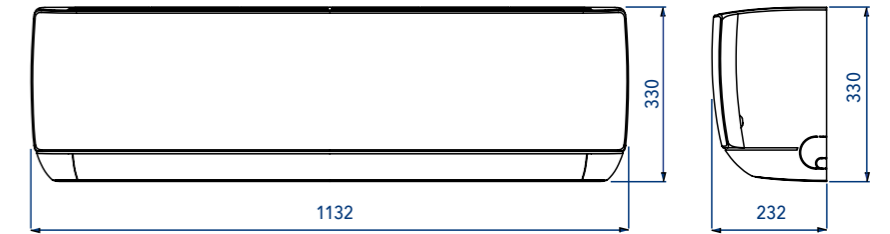
9K, 12K AUX-(09/12)JO



18K AUX-18JO

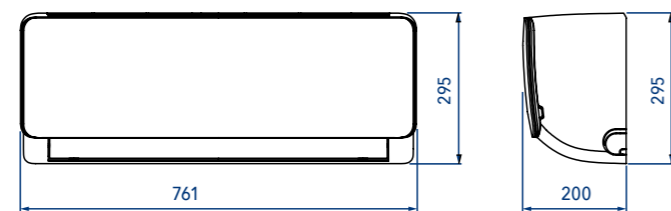


24K AUX-24JO

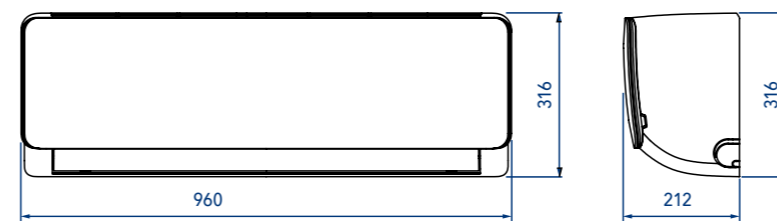


Q-Series Q-Series Diamond Series

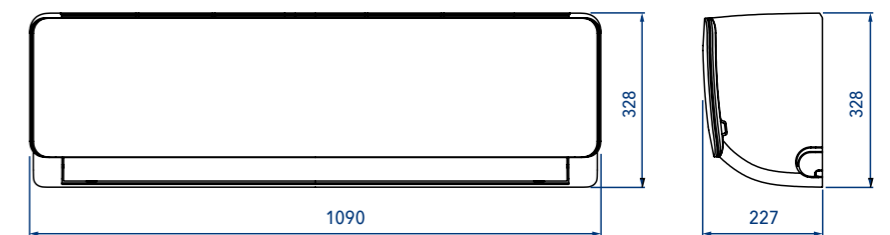
9K, 12K AUX-(09/12)QO



18K AUX-18QO

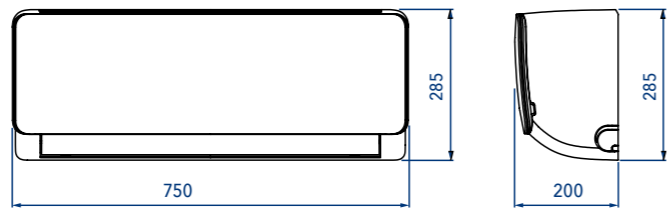


24K AUX-24QO

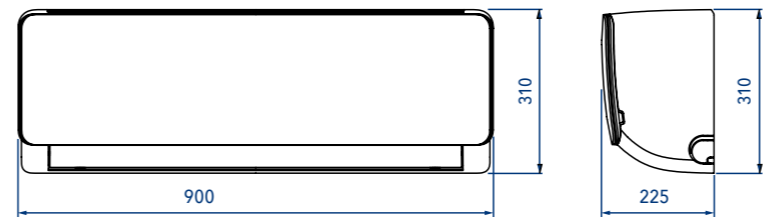


Freedom Series

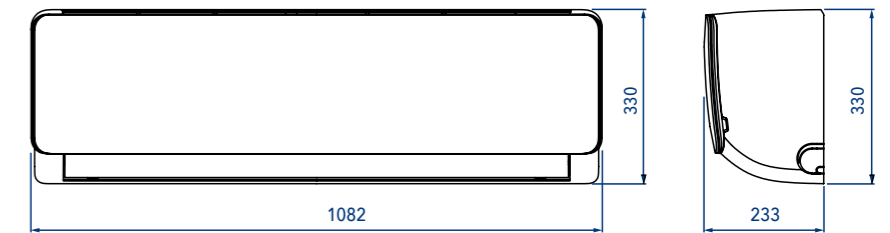
9K, 12K AUX-(09/12)FH



18K AUX-18FH

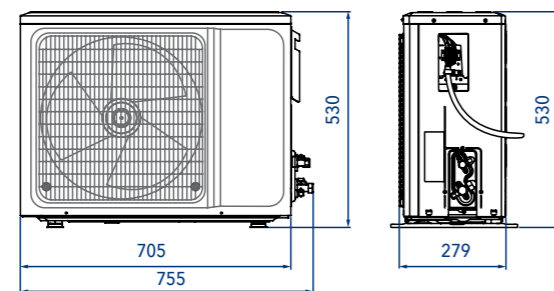


24K AUX-24FH

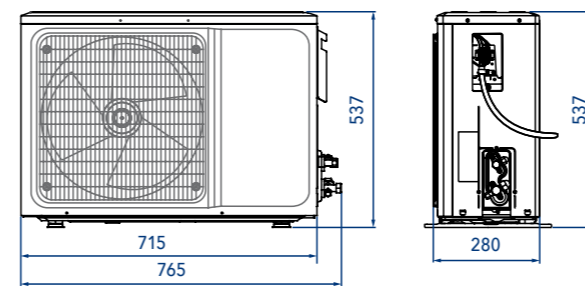


Outdoor Unit

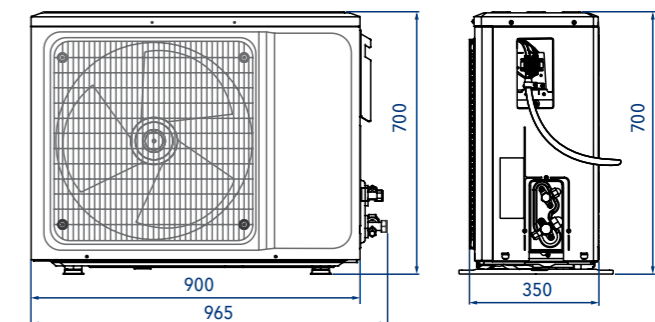
9K, 12K AUX-(09/12)JO, JP, QO, QP, FH



18K AUX-18JO, JP, QO, QP, FH



24K AUX-24JO, JP, QO, QP, FH



5 YEAR

Comprehensive Warranty

At AUX we know that every product that leaves the factory is of the highest quality. That's why we provide best in class warranty for our product.



Copper Condenser stands the toughest conditions to give you unmatched cooling conditions. We offer a 5 Year Warranty on our Copper condenser*. Gas recharge is also covered when the condenser is getting replaced under the warranty period.



AUX ensures the highest quality by providing 5 years warranty on PCB Controller (on both indoor and outdoor units).



The Fan Motor is an important unit for the whole AC to provide optimal cooling. AUX Air Conditioners are equipped with a high quality fan motor which comes with a 5 year part warranty.



Evaporators inside the AUX Air Conditioners are the secret ingredient that ensures the best exchange of the heat providing the most comfortable cool air. AUX offers a 5 year warranty on super efficient Evaporator coil.



AUX Air Conditioners Come with a 5 year warranty on the highly efficient Digital Inverter Compressor.

**** Comprehensive warranty Valid for Condenser, PCB, Evaporator Coil, Fan Motor. Please note: Terms & Conditions apply. Visit www.auxcyprus.com for more information.

*** Applicable only on selected models. ** Offer may change without notice. * Opticlma reserves the right to withdraw the offer at discretion.



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opticlima

Archbishop Kyprianou 7, Aradippou 7104, Cyprus

Tel: +357 24252937, Fax: +357 24252938

e-mail: [ima.net">info@opticlima.net](mailto:info@opticl<span style=)

www.auxcyprus.com