air conditioner

Q-SMART PLUS II

AUX

www.auxcool.com

AUX Q-SMART PLUS II features and functions

ECOLOGY

- R32 refrigerant
- Stand-by mode 0,3 W
- ECO mode

CONVENIENCE

- Self-diagnosis function
- 24-hour timer
- LED display
- Dual-side condensate drainage
- In-built Wi-Fi module
- Wireless controller

HEALTH

- UV sterilisation
- 57°C sterilisation
- Antibacterial filter
- Washable air filter
- High-density filter
- Self-cleaning mode
- Anti-Fungus function
- Additional air filters

TECHNOLOGY

- Inverter technology
- Automatic restart
- Intelligent defrosting
- Hydrophilic aluminium blades
- Gold-plated fins for outdoor unit
- Gold-plated fins for indoor unit
- Anti-corrosion outdoor unit casing
- Super EMC
- Condensate tray heater
- Heating at -20°C

COMFORT

- Quiet operation mode
- Anti-Cold-Air function
- Night mode
- 4D airflow function
- Vertical louver movement
- Horizontal louver movement
- I FEEL function
- Cooling mode
- Fast cooling / heating
- Dehumidifying mode
- Heating mode
- Heating mode 8°C
- Fan mode
- AUTO mode
- TURBO mode

ECOLOGY

Eco-friendly refrigerant R32

AUX Q-Smart Plus II air conditioners operate using the latest eco-friendly refrigerant R32, which, compared to the commonly used refrigerant R410A, **features higher efficiency and a lower greenhouse gas potential.** It also does not cause ozone layer depletion.

Ecological

The refrigerant R32 has a very low Global Warming Potential (GWP) of 675. Compared to refrigerant R410A, which has a GWP of 2088. **R32 has a relatively small impact on the environment — its effect on global warming is three times lower. It also does not negatively affect the ozone layer,** as confirmed by its Ozone Depletion Potential (ODP) of 0. Additionally, unlike R410A, R32 is a **single-component refrigerant, which makes it recyclable.**

Highly efficient

Thanks to its thermodynamic properties, **the refrigerant R32 is more efficient than refrigerant R410A.** The air conditioning system requires about 30% less refrigerant. Additionally, **R32 increases the device's energy efficiency by up to 10%.**

Safe

The refrigerant R32 is characterized by low toxicity, which **ensures high safety during use.**

ENERGY EFFICIENCY

Economic operation mode

When the energy-saving function is activated, the air conditioner operates with reduced electricity consumption, allowing for **maximum reduction of power costs.**

High energy efficiency

Guarantee of energy-efficient operation

Thanks to the use of a high-efficiency DC inverter compressor, AUX room air conditioners achieve **high energy efficiency parameters.** The wall-mounted units provide **reliable and efficient operation with low energy consumption.**

AUX Q-Smart Plus II air conditioners have an energy efficiency class of **A++ in cooling mode and A+ in heating mode.**

Standby mode 0.3 W

In standby mode, **thanks to a specially designed PCB and the disconnection of power from unused unit components,** it is possible to **reduce the air conditioner's electricity consumption to as low as 0.3 W per hour.**

CONVENIENCE

In-built Wi-Fi control module

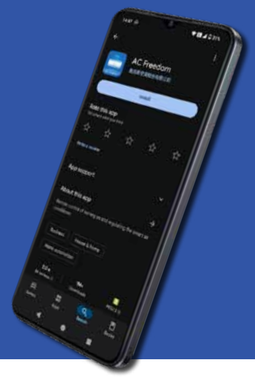
The in-built Wi-Fi module allows you to control the air conditioner from a smartphone, tablet, or computer connected to the Internet, f**rom anywhere in the world.**

AC- Freedom App

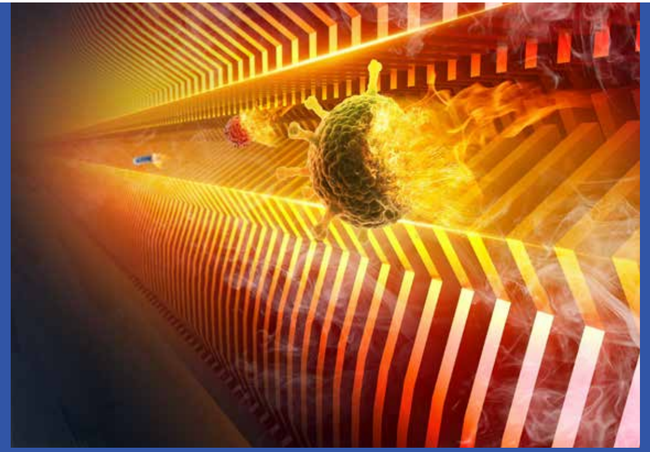
To control the air conditioner via Wi-Fi, it is necessary to install the AC Freedom app on a mobile device. **The app allows you to control multiple devices and save individual settings** for each, such as operating mode, temperature settings, and fan speed level. The app's user-friendly and simple interface ensures maximum convenience in operating the device.

GET IT ON Google Play

Available on the App Store

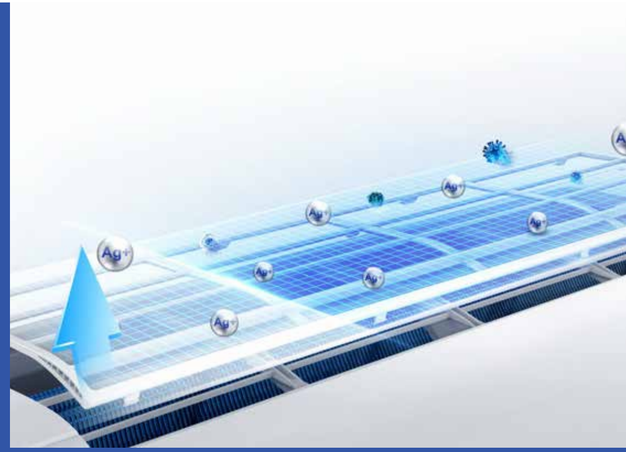


HEALTH



Sterilization at 57°C

The heat exchanger maintains a high temperature of 57°C for a sufficient time to **ensure optimal sterilization by eliminating micro-organisms, bacteria, and viruses.**



UV lamp sterilization

The UV lamp effectively eliminates unpleasant odours and harmful substances from the air, ensuring the highest air quality in the room. **UV sterilization inhibits the growth of viruses, fungi, and micro-organisms by 99% through efficient disinfection.** Q-Smart Plus II air conditioners are equipped with a UV lamp that guarantees clean and healthy air. This feature is especially recommended for allergy sufferers and people prone to infections.

HEALTH

5th generation self-cleaning

The upgraded self-cleaning system of the unit eliminates bacteria, viruses, dust mites, micro-organisms, and dust particles. Health and comfort for your family are guaranteed thanks to six levels of self-cleaning and sterilization, helping to deliver clean air.

The advanced sterilization system allows for the elimination of viruses, bacteria, dust, pollen, and micro-organisms **at a level of 99.9%:**

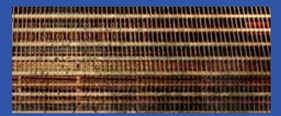
Influenza virus

Bacterium Escherichia coli

HFMD virus

Staphylococcus aureus

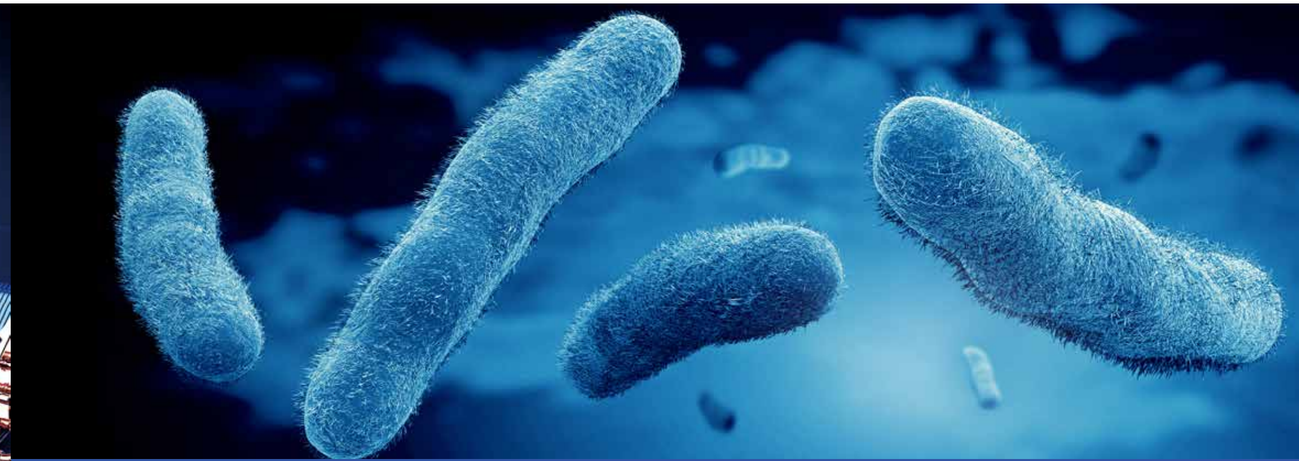
More efficient and effective unit cleaning system:



Competitive product

5th-generation self-cleaning

HEALTH



Standard **antibacterial filter**

The antibacterial filter sterilizes all types of bacteria.
Dust and micro-organisms carried on it are trapped on the antibacterial surface of the filter. Thanks to the bactericidal substances present, their growth is inhibited.

High-density filter

The air filter effectively traps airborne contaminants such as dust and dirt thanks to its unique structure. This design increases the filtering surface area, leading to more efficient removal of particles from the air.

TECHNOLOGY

Anti-corrosion housing of the outdoor unit

The outdoor unit housing is **coated with multiple protective layers that shield it from insects, rodents, moisture, dust, and fire. This ensures the device's long lifespan** and maintains its aesthetic appearance even after many years of exposure to harsh environmental conditions.

Next-generation drip tray heater

The next-generation drip tray heater prevents excessive snow and ice build-up in the outdoor unit. This ensures the unit operates properly even in very adverse weather conditions.

TECHNOLOGY

Gold-plated heat exchanger fins

The heat exchanger surfaces in the indoor and outdoor units are **coated with a unique gold layer that effectively prevents bacterial growth and enhances the heating efficiency of the units.** It is also **more resistant to oxidation and corrosion than the standard blue coating, further extending the device's lifespan.**

Intelligent defrosting

The air conditioner activates the defrost mode only when necessary and only for the time needed to defrost the heat exchanger, allowing the unit to **operate in heating mode almost continuously. The smart defrost system improves the unit's energy efficiency by 5% and increases heating performance by up to 20%** in low outdoor temperatures.

COMFORT

8°C heating mode

The function of maintaining a constant temperature at +8°C in heating mode **effectively prevents excessive cooling of the room during longer absences of household members.**

This keeps the interior protected from moisture and very low temperatures, providing safe conditions for both pets and plants that require minimal heating.

COMFORT

Anti-Cold-Air function

There's no need to worry about a sudden blast of cold air when starting the heating mode. **The indoor unit's fan begins operating at the lowest speed, effectively eliminating the risk of blowing cold air.** This way, heating works smoothly and comfortably from the very first moments, providing pleasant warmth without uncomfortable drafts.

I FEEL Function

The intelligent temperature reading function, I FEEL, allows **precise adjustment of the airflow temperature to the actual conditions in the room.** Thanks to a sensor located in the remote control, the air conditioner analyses the current temperature, ensuring maximum thermal comfort.

This solution not only achieves **the ideal climate in every corner of the room** but also **significantly reduces energy consumption, leading to real savings.**

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AUX Q-SMART PLUS II technical data

QC / Q2C Series

AUX-09/18Q2C, AUX-12/24QC

Model			AUX-09Q2C	AUX-12QC	AUX-18Q2C	AUX-24QC
Cooling capacity		[kW]	2,70 (0,60 - 3,80)	3,50 (0,80 - 4,10)	5,30 (1,30 - 5,70)	7,30 (1,80 - 7,40)
Heating capacity		[kW]	3,00 (0,80 - 4,20)	3,80 (1,00 - 4,10)	5,40 (1,30 - 5,50)	7,30 (1,80 - 8,00)
Power supply		[V~,Hz,Ph]	220-240, 50, 1	220-240, 50, 1	220-240, 50, 1	220-240, 50, 1
Operating current	Cooling	[A]	3,90	5,60	7,80	10,00
	Heating	[A]	3,70	4,90	6,50	9,50
Energy consumption	Cooling	[W]	830	1180	1650	2200
	Heating	[W]	800	1100	1470	2200
Max current draw		[A]	9,5	9,5	12,0	16,0
Max power consumption		[W]	1800	1900	2500	3400
SEER / SCOP		-	6,20 / 4,00	6,10 / 4,00	6,8 / 4,00	6,53 / 4,09
Energy efficiency class	Cooling	-	A++	A++	A++	A++
	Heating	-	A+	A+	A+	A+
Indoor unit			**AUX-09Q2C/I**	**AUX-12QC/I**	**AUX-18Q2C/I**	**AUX-24QC/I**
Air flow		[m³/h]	600	600	950	1300
Sound pressure level		[dB(A)]	38/31/27/22/19	38/32/29/23/20	41/32/31/26/23	38/36/33/31/23
Sound power level		[dB(A)]	24 – 44	23 – 44	30 – 43	28 – 48
Indoor unit dimensions		[mm]	762 x 295 x 200	762 x 295 x 200	960 x 316 x 212	1089 x 328 x 227
Indoor unit weight		[kg]	7,3	7,5	11,5	11,25
Outdoor unit			**AUX-09Q2C/O**	**AUX-12QC/O**	**AUX-18Q2C/O**	**AUX-24QC/O**
Refrigerant type	Type	-	R32	R32	R32	R32
	Factory charge (do 5m)	[g]	550	560	850	1300
	Additional charge	[g/m]	20	20	20	30
Sound pressure level		[dB(A)]	51	50	53	59
Sound power level		[dB(A)]	61	64	62	66
Outdoor unit dimensions		[mm]	710 x 280 x 530	710 x 280 x 530	785 x 300 x 555	900 x 350 x 700
Outdoor unit weight		[kg]	21,5	22,5	27	39
Outdoor unit operation (ambient temp.)	Cooling	[°C]	-10	-10	-10	-10
	Heating	[°C]	-20	-20	-20	-20
Pipe connections (diameter)	Liquid	[inches]	1/4	1/4	1/4	1/4
	Gas	[inches]	3/8	3/8	1/2	5/8
	Condensate	[mm]	16	16	16	18
Maximum piping length		[m]	20	20	25	25
Maximum height difference		[m]	10	10	10	15

The air conditioning units contain fluorinated greenhouse gases (R32). We reserve the right to any errors in descriptions, appearance, functions, technical specifications, and dimension drawings due to the continuous improvement of our products.

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WIENKRA

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