air conditioners

C-SMART PREMIUM

AUX



www.auxcool.com



AUX C-SMART PREMIUM

features and functions



ECOLOGY

- ECO mode
- Stand-by mode
- Refrigerant R32

CONVENIENCE

- Self-diagnosis function
- LED screen
- Build-in Wi-Fi module
- 24-hour timer
- Dual condensate drainage
- Backlit wireless controller

HEALTH

- Antibacterial filter
- UV sterilization
- Micro-breeze function
- PM 2,5 filter
- Anti-cold-air function
- Anti-fungus function
- Self-cleaning function
- Sterilization 57°C
- Setting the temperature range
- Optional air filters
- Washable filter

TECHNOLOGY

- Gold-coated fins outdoor unit
- Gold-coated fins indoor unit
- Corossion resistant casing
- Super EMC
- Drain pan heater in the outdoor unit
- DC Inverter technology
- Intelligent defrosting
- Automatic restart
- Hydrophilic aluminium fins
- Pre-Heating function

COMFORT

- TURBO mode
- Cooling mode
- I-FEEL function
- Dry mode
- Heating mode
- 8°C heating mode
- Ventilation mode
- Easy and quick instalation
- AUTO mode
- Heating at -30°C
- Quiet mode
- Night mode
- 4D air circulation
- Air vanes vertical movement
- Air vanes horizontal movement

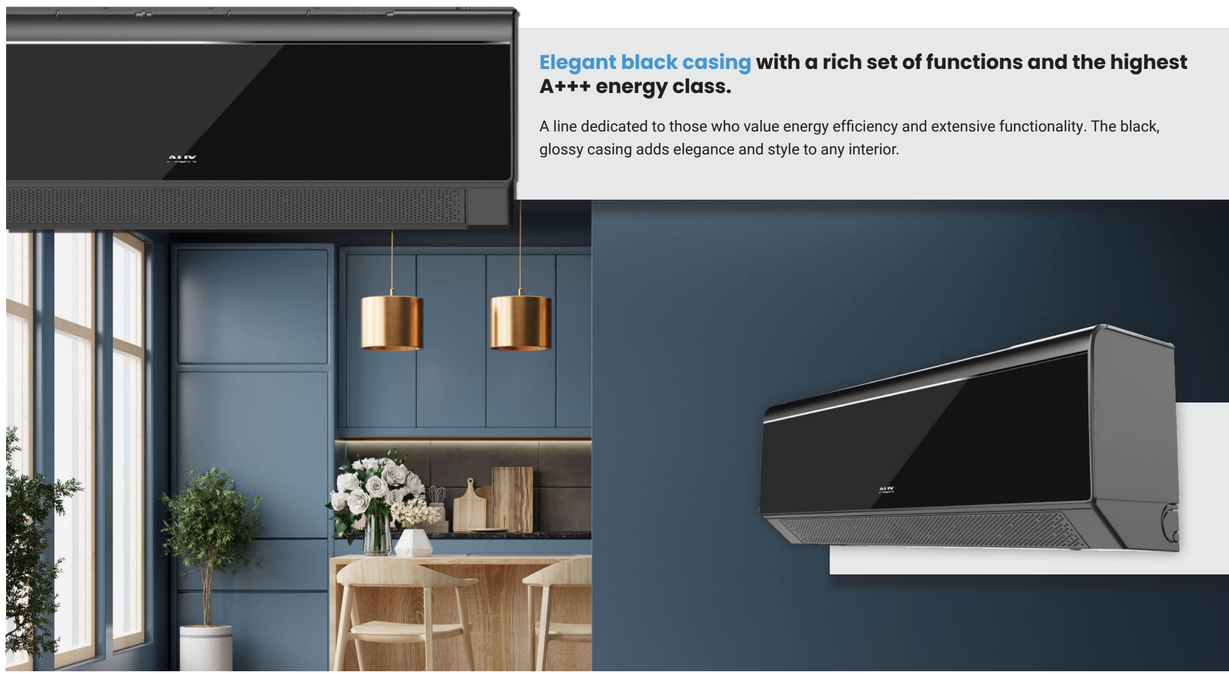
C-Smart Premium White



Innovative design combined with the highest A+++ energy class and a wide range of functions.

A line for those who value the combination of energy efficiency and a rich set of features. Unique design and air circulation technology ensure comfort in both cooling and heating modes.

C-Smart Premium Onyx



Elegant black casing with a rich set of functions and the highest A+++ energy class.

A line dedicated to those who value energy efficiency and extensive functionality. The black, glossy casing adds elegance and style to any interior.

C-Smart Premium Crystal

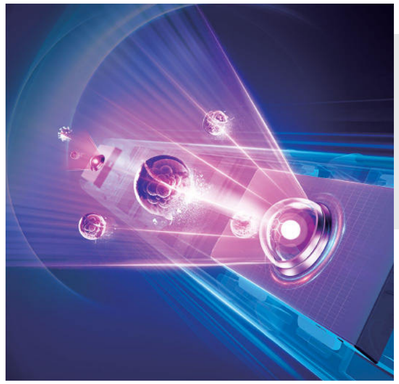


Advanced technologies combined with high quality, aesthetic design, and the highest A+++ energy class.

High quality and aesthetic design. A line designed for those who appreciate the combination of energy-efficient devices and a rich set of functions.

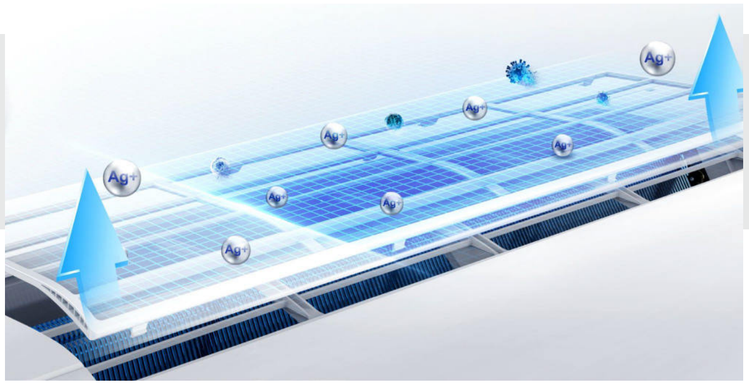
C-SMART PREMIUM air conditioners

Sterilization



Sterilization at 57°C

The heat exchanger maintains a high temperature of 57°C for an adequate duration to ensure **optimal sterilization,** effectively eliminating microorganisms, bacteria, and viruses.



UV Sterilization

The UV lamp effectively eliminates unpleasant odors and harmful substances from the air, ensuring the highest air quality in the room. **UV sterilization inhibits the growth of viruses, fungi, and microorganisms by 99% through effi cient disinfection.** C-Smart air conditioners are equipped with UV lamps that guarantee clean and healthy air. This feature is particularly recommended for allergy sufferers and individuals prone to infections.



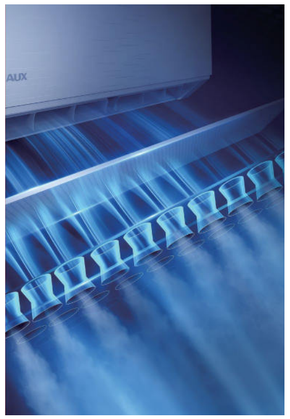
Airflow System

Intelligent Airflow System

The C-Series air conditioners are designed to minimize the draft effect. Thanks to **the innovative micro-opening system** and contoured air louvers, air is blown out **smoothly without creating a draft.**

Pioneering Micro-Opening Technology

To ensure **unparalleled comfort in air distribution**, AUX has designed the indoor unit casings and louvers to eliminate the sensation of drafts. This is achieved through **the use of 2,430 micro-openings in the C-Smart air conditioner.** The expelled air is dispersed, providing thermal comfort while ensuring speed and precision in maintaining the room temperature.



Performance

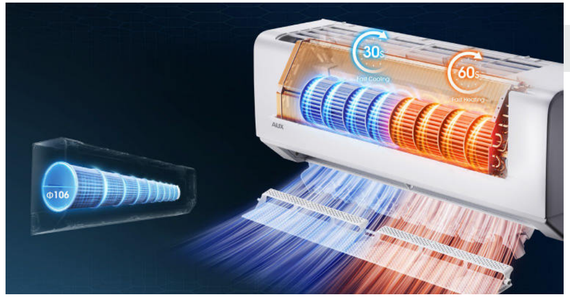
New Outdoor unit

The front panel of the outdoor unit has been designed with operational efficiency in mind. **The round fan grille has been enlarged by 10mm, enhancing air exchange by 10%.**

The main board, installed in a vertical position, is **less prone to shocks, dust accumulation, and damage.**

Leveraging artificial intelligence, the control algorithms enable the air conditioner to operate reliably and economically. Specially designed microprocessors at a Japanese research and development center **offer increased computational power and reduced dimensions.**





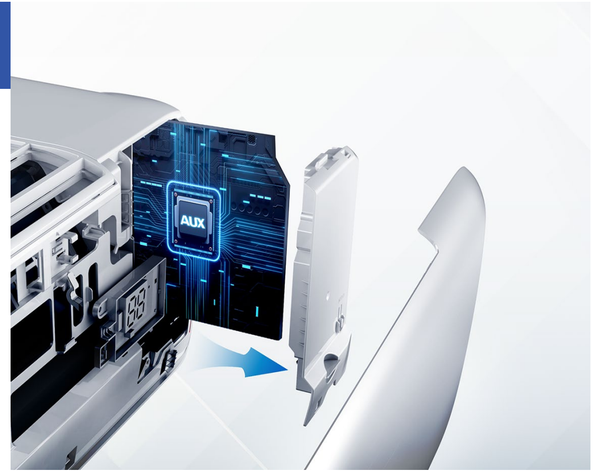
Rapid Cooling and Heating Technology

Thanks to the use of an inverter compressor, the air conditioning system can quickly achieve full performance and rapidly reach the desired room temperature.

The air conditioner attains **full cooling capacity in just 30 seconds, and full heating capacity within 1 minute.** The compressor reaches a rotational speed of 3,900 RPM within 30 seconds, and its startup time has been reduced by one-third.

Comfort





New Wireless Controller

The wireless controller for C-Smart series air conditioners has been designed with convenience and ergonomics in mind. **The display size has been increased by 67%**, and a special coating on the display prevents mechanical damage.



The IFEEL function precisely adjusts the airfl ow temperature based on the information gathered from the controller.

Easy Access to the Main Board

Installing and servicing C-Smart series air conditioners has become more convenient with the new solution that allows for easy replacement of the unit's main board.

5th Generation Self-Cleaning

The upgraded self-cleaning system of the unit effectively eliminates bacteria, viruses, dust mites, microorganisms, and dust particles. Your family's health and comfort are ensured with 6 stages of self-cleaning and sterilization that help deliver clean air.

The advanced sterilization system achieves **a 99.9% elimination rate** for viruses, bacteria, dust, pollen, and microorganisms:


Influenza virus


Escherichia coli


HFMD virus


Staphylococcus aureus

More Efficient and Effective Unit Cleaning System:


Competitive Product


5th Generation Self-Cleaning





Quick and Easy Instalation

The front panel of the air conditioner and the lower housing element feature special clips that facilitate the removal and installation of the unit. **This reduces installation and servicing time by up to 20%.**

The specially designed panel simplifies the installation of the air conditioner on the wall. Aligning the unit horizontally and vertically is much more convenient, allowing for a seamless installation process.



New Generation Drip Tray Heater

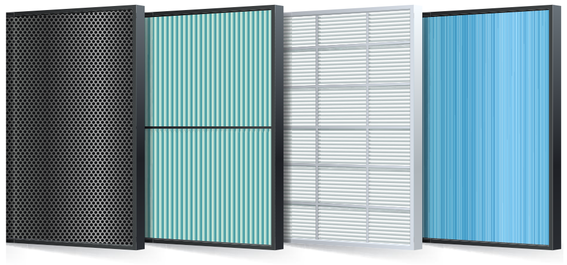
The new generation drip tray heater prevents the accumulation of excess snow and ice in the unit. As a result, the unit will continue to operate effectively even in very adverse weather conditions.



Built-In Wi-Fi Control Module

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

Health



Anti-Fungus Filter as Standard Equipment

The Anti-Fungus Filter provides sterilization for all types of bacteria. Essential in combating all types of bacteria and pathogenic microorganisms, it captures them on the antibacterial coating placed on the fi lter surface.

Thanks to the bactericidal substances present, the growth of bacteria is inhibited.



Temperature Range Setting

The temperature control system allows you **to set a range from 16 to 32 degrees Celsius.**

By pressing a combination of buttons on the wireless controller and setting the temperature range, the air conditioner can operate only within the user-selected range.

This feature is particularly useful in rental properties and accommodations where it is necessary to set a temperature range.

Wide Operating Range

Operation Even at -30 Degrees Celsius

The C-Smart Premium series stands out with its ability to operate even in extremely low temperatures. The unit is designed to function at outdoor temperatures as low as -30 degrees Celsius. **Thanks to efficient and durable components,** it can operate continuously throughout the year.



Ecology Refrigerant R32



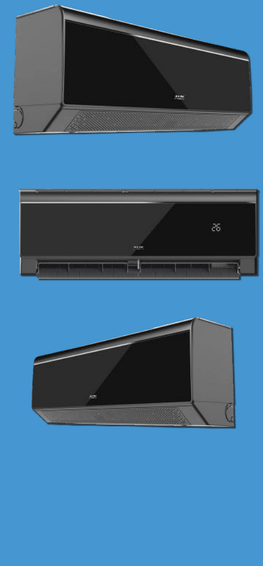
Eco-Friendly Refrigerant R32

AUX C-Smart air conditioners use the latest eco-friendly refrigerant, R32. Compared to the commonly used R410A refrigerant, R32 offers **higher efficiency and a lower global warming potential.** Additionally, it does not contribute to ozone layer depletion.

C-SMART PREMIUM WHITE



C-SMART PREMIUM ONYX



C-SMART PREMIUM CRYSTAL



AUX C-SMART PREMIUM technical specifications





Series CA/CCB/CCW AUX-09/12/18/24CA

Model			AUX-09CA AUX-09CCB AUX-09CCW	AUX-12CA AUX-12CCB AUX-12CCW	AUX-18C3A AUX-18CCB AUX-18CCW	AUX-24C3A AUX-24CCB AUX-24CCW
Cooling capacity		[kW]	2,70 (0,60 - 4,00)	3,50 (0,65 - 4,10)	5,40 (1,30 - 5,90)	7,30 (1,80 - 7,40)
Heating capacity		[kW]	3,30 (0,80 - 4,20)	4,20 (0,93 - 4,20)	5,80 (1,30 - 6,10)	7,40 (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]	3,30 (0,56 - 5,32)	4,20 (0,56 - 5,80)	6,40 (2,20 - 6,80)	7,90 (1,00 - 10,00)
	Heating	[A]	3,90 (1,02 - 5,32)	4,80 (1,00 - 6,30)	6,10 (2,00 - 8,00)	10,50 (1,00 - 11,00)
Power consumption	Cooling	[W]	720 (100 - 1200)	870 (130 - 1550)	1430 (290 - 1950)	1700 (230 - 2300)
	Heating	[W]	800 (200 - 1200)	1060 (230 - 1300)	1330 (250 - 1800)	2300 (230 - 2530)
Maximum current draw		[A]	9,0	9,0	12,0	16,0
Maximum power consumption		[W]	1600	1500	2400	3200
SEER / SCOP		-	8,50 / 4,60	8,50 / 4,60	8,80/ 4,60	8,70 / 4,60
Energy Efficiency Class	Cooling	-	A+++	A+++	A+++	A+++
	Heating	-	A++	A++	A++	A++
Indoor unit			**AUX-09CA/I AUX-09CCB/I AUX-09CCW/I**	**AUX-12CA/I AUX-12CCB/I AUX-12CCW/I**	**AUX-18C3A/I AUX-18CCB/I AUX-18CCW/I**	**AUX-24C3A/I AUX-24CCB/I AUX-24CCW/I**
Airflow rate		[m³/h]	700/611/558/504	650/580/550/500	1080/900/800/650	1300/1200/1010/870
Noise power level		[dB(A)]	54	56	56	62
Noise pressure level (turbo/5step-1step/silence)		[dB(A)]	19 - 41	20 - 42	21 - 49	22 - 51
Indoor unit dimensions		[mm]	774 x 299 x 202	834 x 299 x 202	1145 x 331 x 230	1145 x 331 x 230
Indoor unit weight		[kg]	8,0	8,0	13,0	14,0
Outdoor unit			**AUX-09CA/O AUX-09CCB/O AUX-09CCW/O**	**AUX-12CA/O AUX-12CCB/O AUX-12CCW/O**	**AUX-18C3A/O AUX-18CCB/O AUX-18CCW/O**	**AUX-24C3 A/O AUX-24CCB/O AUX-24CCW/O**
Refrigerant	Type	-	R32	R32	R32	R32
	Factory charge (up to 5m)	[g]	550	600	1030	1200
	Additional charge	[g/m]	20	20	20	30
Noise power level		[dB(A)]	61	62	63	65
Noise pressure level		[dB(A)]	51	51	53	54
Outdoor unit dimensions		[mm]	709 x 280 x 530	709 x 280 x 530	785 x 300 x 555	900 x 700 x 350
Outdoor unit weight		[kg]	22,5	24,5	28,5	41,0
Operating temperature range	Cooling	[°C]	-10	-10	-10	-10
	Heating	[°C]	-30	-30	-30	-30
Pipe connections (diameter)	Liquid	[inch]	1/4	1/4	1/4	1/4
	Gas	[inch]	3/8	3/8	1/2	5/8
Maximum piping length		[m]	20	20	25	25
Maximum height difference		[m]	10	10	10	15



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WIENKRA

Exclusive Distributor of AUX Brand in Poland

WIENKRA Sp. z o. o.

Cracow:
ul. Kotlarska 34
wienkra@wienkra.pl

Warsaw - Janki:
ul. Sokołowska 15
wienkra-waw@wienkra.pl

Wrocław:
al. Armii Krajowej 61
wienkra-wro@wienkra.pl

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