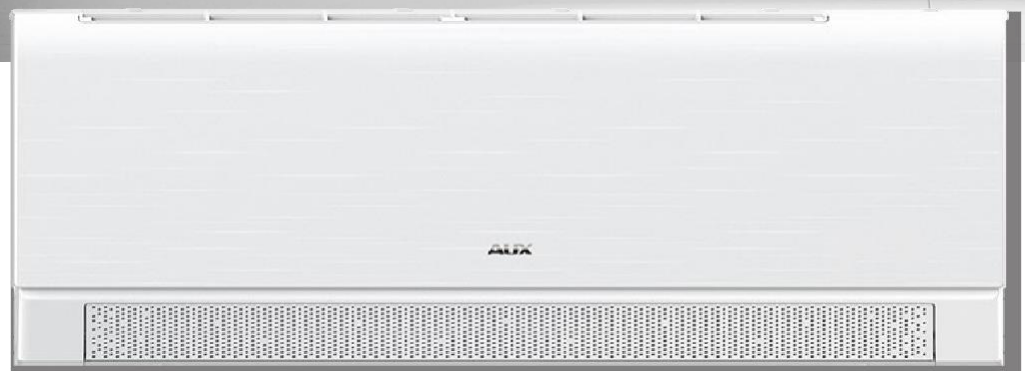
AUX

air conditioner

C-SMART WHITE



AUX C-SMART WHITE

features and functions

ECOLOGY

- ECO mode
- Stand-by mode 0.3W
- Refrigerant R32

CONVENIENCE

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

HEALTH

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

TECHNOLOGY

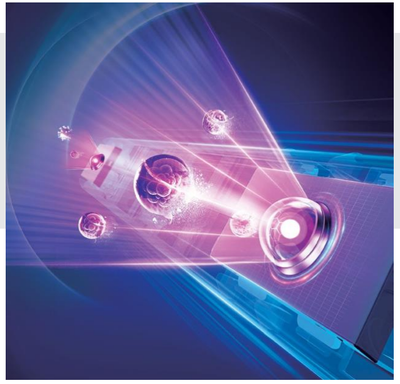
- DC Inverter technology
- Automatic restart
- Intelligent defrosting
- Hydrophilic aluminium fins
- Gold-coated fins outdoor unit
- Gold-coated fins indoor unit
- Corossion resistant casing
- Super EMC
- Drain pan heater in the outdoor unit
- Pre-Heating function

COMFORT

- Heating at -25ºC
- Quiet mode
- Night mode
- 4D air circulation
- Air vanes vertical movement
- Air vanes horizontal movement
- TURBO mode
- Cooling mode
- I-FEEL function
- Dry mode
- Heating mode
- 8ºC heating
- Ventilation mode
- Easy and quick instalation
- AUTO mode

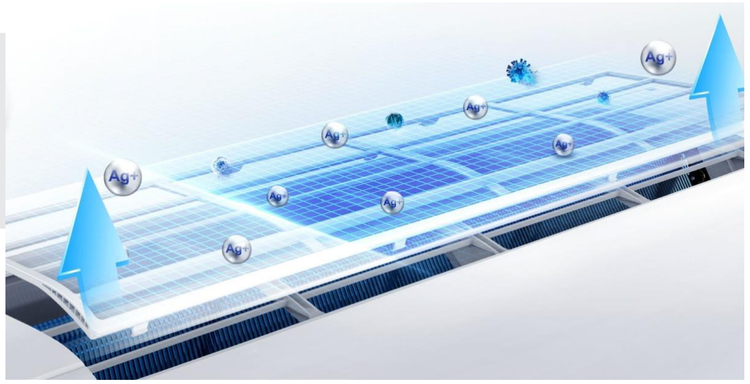
C-SMART WHITE air conditioner

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

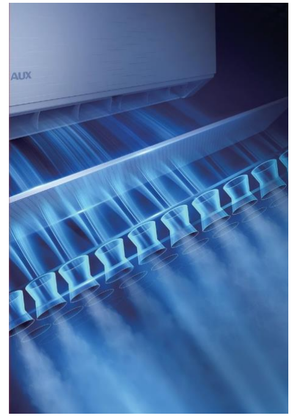
The UV lamp effectively eliminates unpleasant odors and harmful substances from the air, ensuring the highest air quality in the room. UV sterilization inhibits the growth of viruses, fungi, and microorganisms by 99% through effi cient disinfection. C-Smart air conditioners are equipped with UV lamps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

Airflow

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



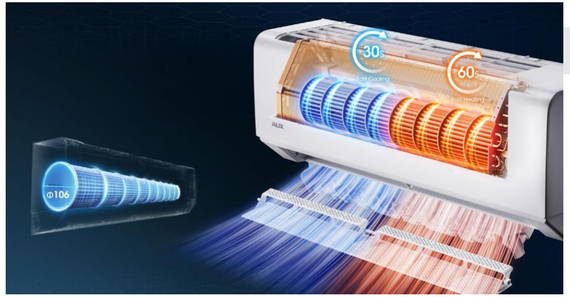
Performance

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.

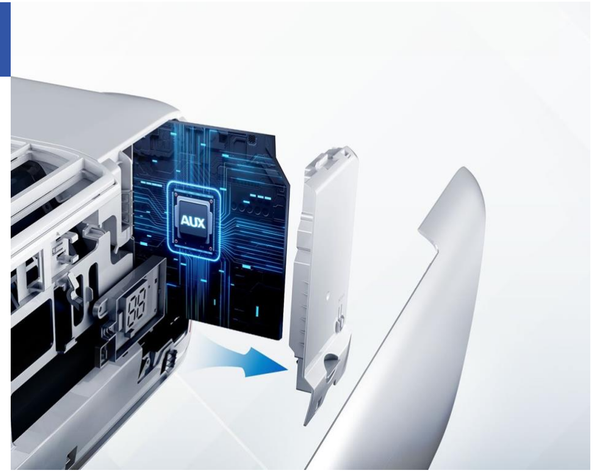
The air conditioner attains **full cooling capacity in just 30 seconds, and full heating capacity within 1 minute.** The compressor reaches a rotational speed of 3,900 RPM within 30 seconds, and its startup time has been reduced by one-third.

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

Metal Panel with Spirit Level

Setting the unit level is much easier thanks to the special markers and the built-in level, which simplifi es precise alignment.

Bottom Panel of the Casing

Easy removal of the bottom panel allows for quick installation and servicing, providing convenience and efficiency during maintenance.

Rear Bracket

Easier installation thanks to the rear bracket.

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.

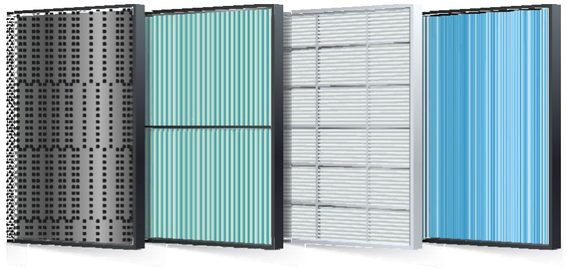
New Generation Drip Tray Heater

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.

Ecology

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.

Eco-Friendly

Refrigerant R32 has a very low Global Warming Potential (GWP) of 675. Compared to R410A, which has a GWP of 2088, R32 has a relatively smaller environmental impact—its contribution to global warming is three times lower. It also does not harm the ozone layer, as confirmed by its Ozone Depletion Potential (ODP) of 0. Additionally, unlike R410A, R32 is a homogeneous (single- component) refrigerant, making it recyclable.

Highly Efficient

Due to its thermodynamic properties, R32 is more efficient than R410A. Air conditioning systems require about 30% less refrigerant. Additionally, R32 enhances the energy efficiency of the unit by up to 10%.

Safe

Refrigerant R32 is characterized by low toxicity, ensuring a high level of user safety.

C-SMART WHITE
air conditioner

AUX C-SMART WHITE technical specifications

Series CAA

AUX-09/12/18/24CAA AUX-18/24CA

Model			AUX-09CAA	AUX-12CAA	AUX-18CAA AUX-18CA	AUX-24CAA AUX-24CA
Cooling capacity		[kW]	2,75 (0,60 - 4,00)	3,50 (0,80 - 4,20)	5,40 (1,30 - 5,90)	7,30 (1,80 - 7,40)
Heating capacity		[kW]	3,20 (0,80 - 4,20)	3,85 (1,00 - 4,20)	5,60 (1,30 - 6,00)	7,30 (1,80 - 7,40)
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]	3,70 (0,56 - 5,32)	5,50 (0,70 - 7,80)	7,30 (2,20 - 9,30)	10,00 (1,00 - 12,00)
	Heating	[A]	4,00 (1,02 - 5,32)	5,90 (1,50 - 8,00)	6,90 (2,00 - 8,00)	10,00 (1,00 - 11,00)
Power consumption	Cooling	[W]	780 (100 - 1200)	1180 (100 - 1600)	1650 (290 - 2100)	2200 (230 - 2700)
	Heating	[W]	840 (200 - 1200)	1100 (300 - 1600)	1550 (250 - 1800)	2200 (230 - 2530)
Maximum current draw		[A]	9,0	9,5	12,0	16,0
Maximum power consumption		[W]	1600	1900	2400	3400
SEER / SCOP		-	7,60 / 4,20	7,10 / 410	7,00/ 4,10	6,90 / 4,20
Energy Efficiency Class	Cooling	-	A++	A++	A++	A++
	Heating	-	A+	A+	A+	A+
Indoor unit			AUX-09CAA/I	AUX-12CAA/I	AUX-18CAA/I	AUX-24CAA/I AUX-24CA/I
Airflow rate		[m³/h]	650/570/515/460	650/570/515/460	900/800/750/650	1300/1200/1010/870
Noise power level		[dB(A)]	53	53	58	62
Noise pressure level		[dB(A)]	19 - 39	20 - 41	21 - 48	22 - 50
Indoor unit dimensions		[mm]	774 x 298 x 202	774 x 298 x 202	997 x 312 x 222	1145 x 331 x 230
Indoor unit weight		[kg]	7,5	8,0	11,0	13,0
Outdoor unit			AUX-09CAA/O	AUX-12CAA/O	AUX-18CAA/O AUX-18CA/O	AUX-24CAA/O AUX-24CA/O
Refrigerant	Type	-	R32	R32	R32	R32
	Factory charge (up to 5m)	[g]	550	600	1030	1300
	Additional charge	[g/m]	20	20	20	30
Noise power level		[dB(A)]	62	62	62	64
Noise pressure level		[dB(A)]	49	49	52	52
Outdoor unit dimensions		[mm]	708 x 530 x 258	709 x 530 x 279	785 x 555 x 300	900 x 700 x 350
Outdoor unit weight		[kg]	23,0	23,0	28,5	39,0
Operating temperature range	Cooling	[°C]	-10	-10	-10	-10
	Heating	[°C]	-25	-25	-25	-25
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	20	25
Maximum height difference		[m]	10	10	10	15