

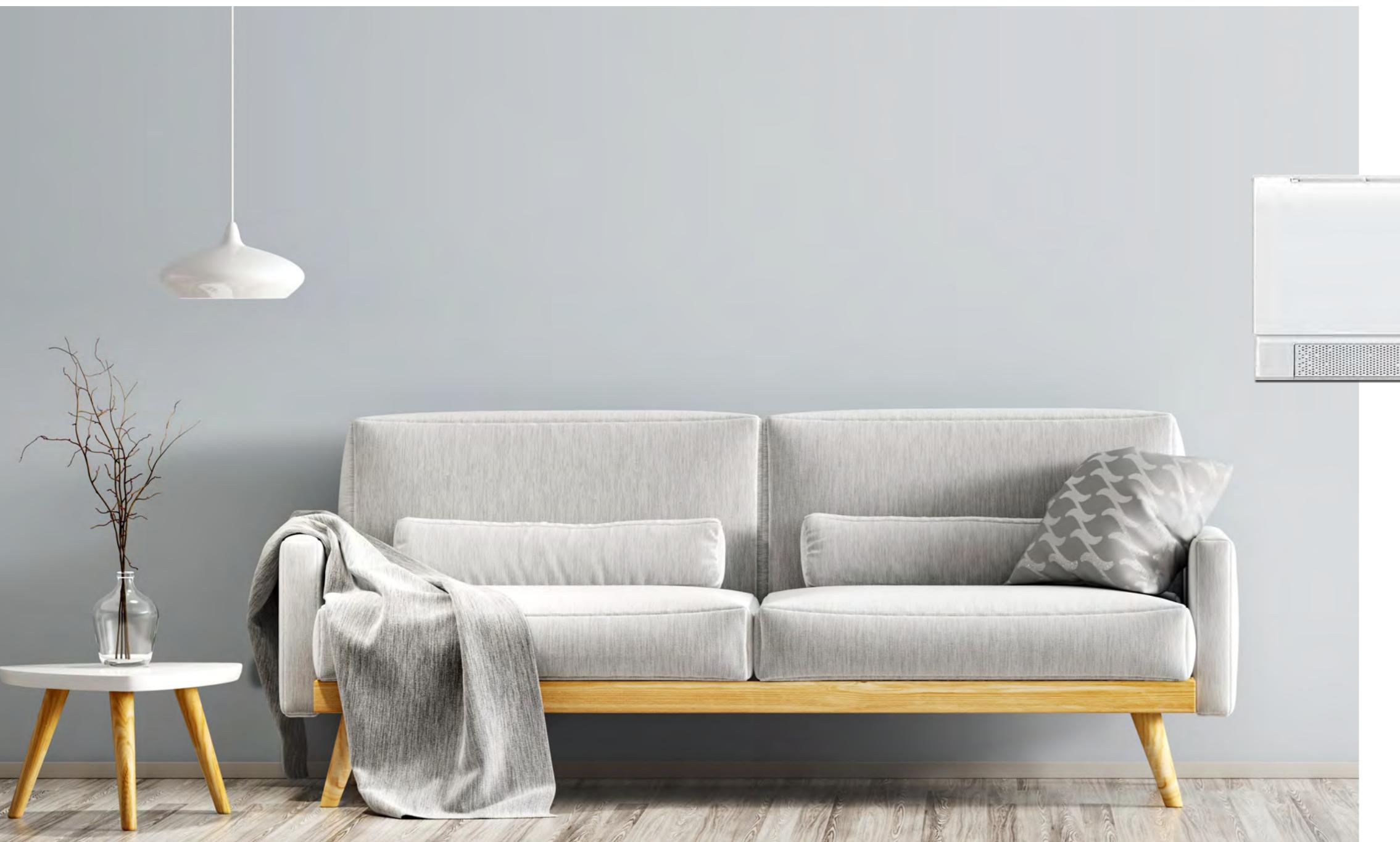
**AUX**

**Well Air**  
*Det perfekte indeklima*

# C-SMART WHITE



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# AUX C-SMART WHITE

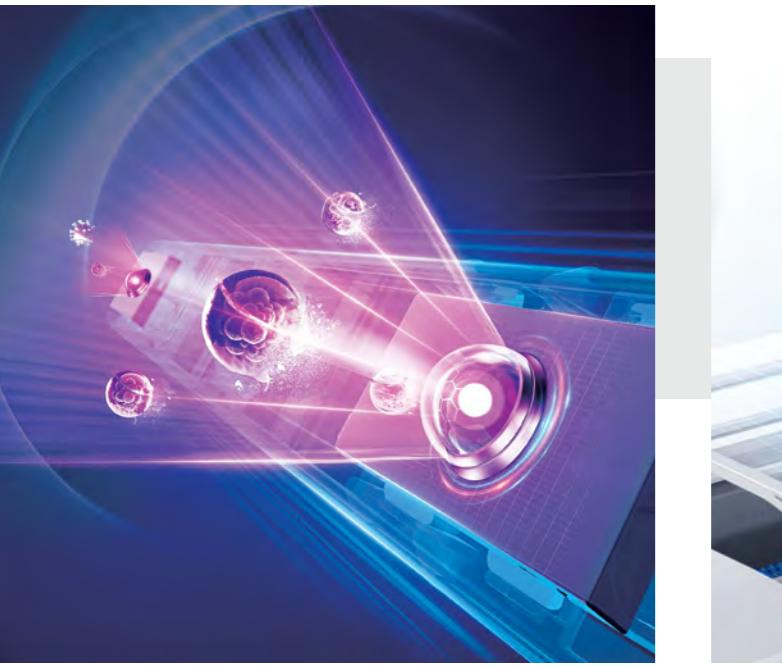
## features and functions



ECOLOGY		CONVENIENCE		HEALTH		TECHNOLOGY		COMFORT	
	Refrigerant R32		Build-in Wi-Fi module		Anti-cold-air function		Drain pan heater in the outdoor unit		VENTILATION
	Stand-by mode		LED screen		Micro-breeze function		PM 2.5 filter		8°C heating mode
	ECO mode		Self-diagnosis function		Anti-bacterial filter		Setting the temperature range		HEATING
	24-hour timer		Dual condensate drainage		Corrosion resistant casing		SUPER EMC		Drain pan
	Washable filter		Intelligent defrosting		Optional air filters		Backlit wireless controller		Easy and quick installation
	DC Inverter technology		Hydrophilic aluminium fins		Pre-Heating function		TURBO mode		COOLING
	Automatic restart		Turbo mode		I-Feel function		TURBO mode		COOLING
	Heating at -25°C		Quiet mode		8°C heating mode		TURBO mode		COOLING
	Night mode		Air flow horizontal movement		8°C heating mode		TURBO mode		COOLING
	4D air circulation		Air flow vertical movement		TURBO mode		TURBO mode		COOLING

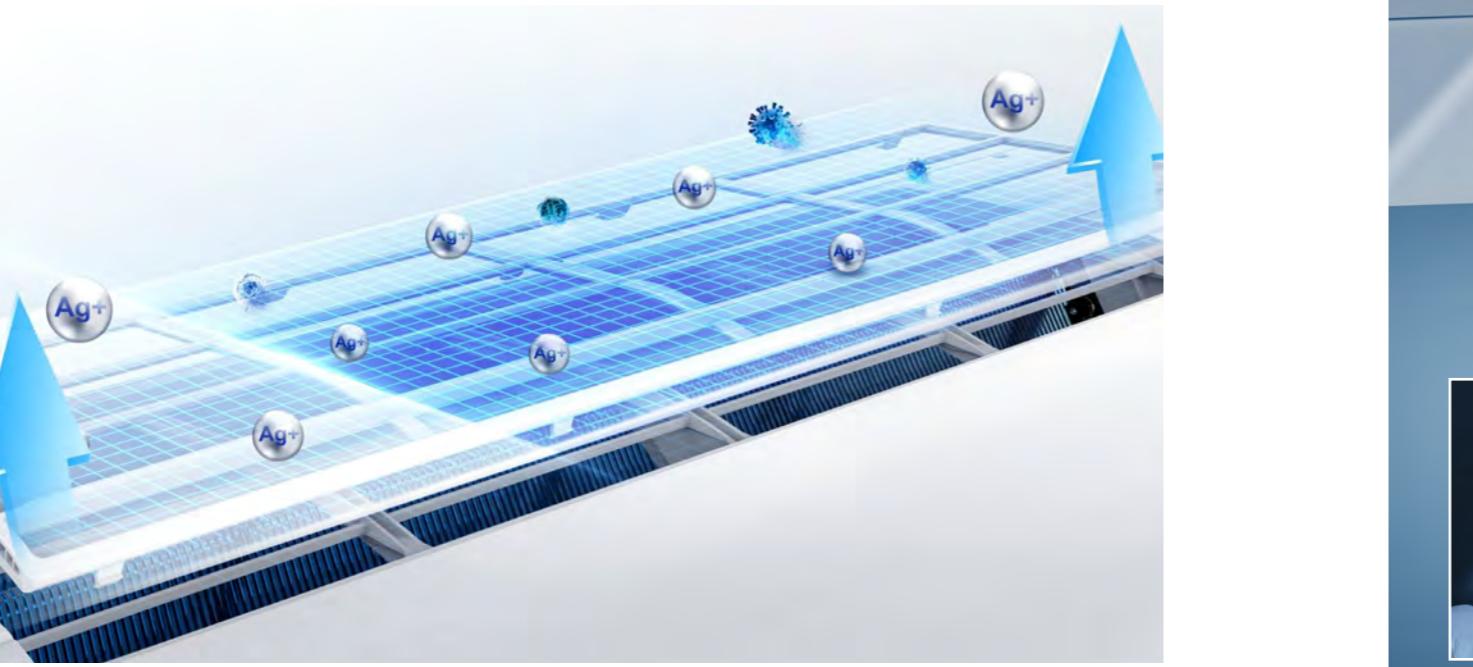
# C-SMART WHITE air conditioner

## 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 efficient 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.



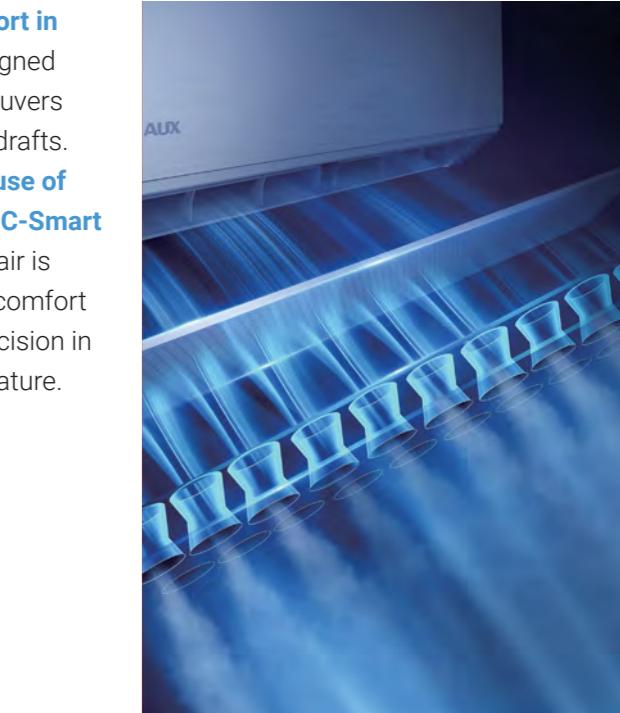
# Airflow System

### Intelligent Airflow System

The C-Series air conditioners are designed to minimize the draft effect. Thanks to the **innovative micro-opening system** and contoured 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.



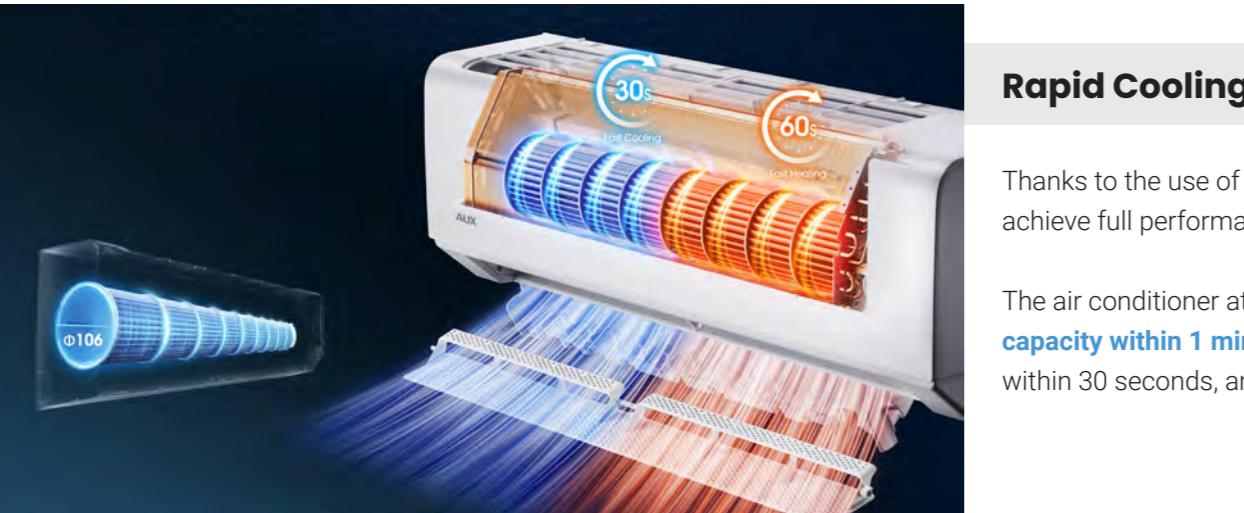
# Performance

## 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.**

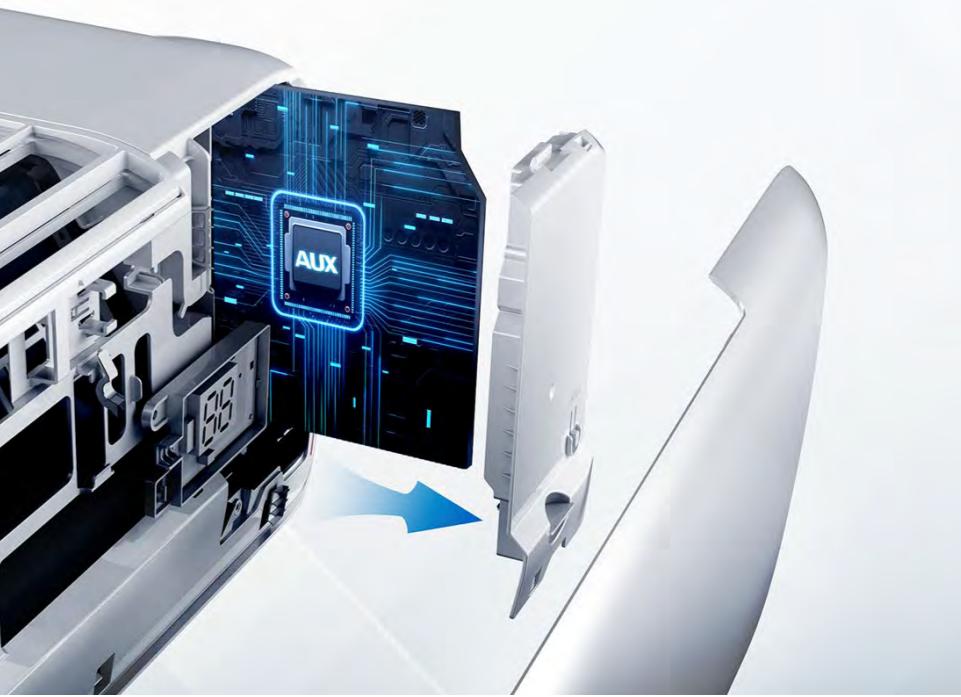


## Rapid Cooling and Heating Technology

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

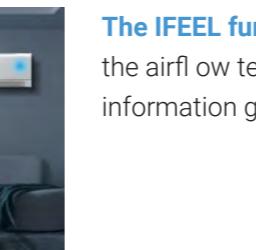
The air conditioner attains **full cooling capacity in just 30 seconds, and full heating capacity within 1 minute.** The compressor reaches a rotational speed of 3,900 RPM within 30 seconds, and its startup time has been reduced by one-third.

# 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 airflow temperature based on the information gathered from the controller.

## Easy Access to the Main Board

**Installing and servicing C-Smart series air conditioners has been made 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:



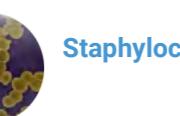
Influenza virus



HFMD virus

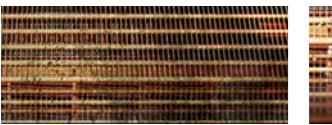


Escherichia coli



Staphylococcus aureus

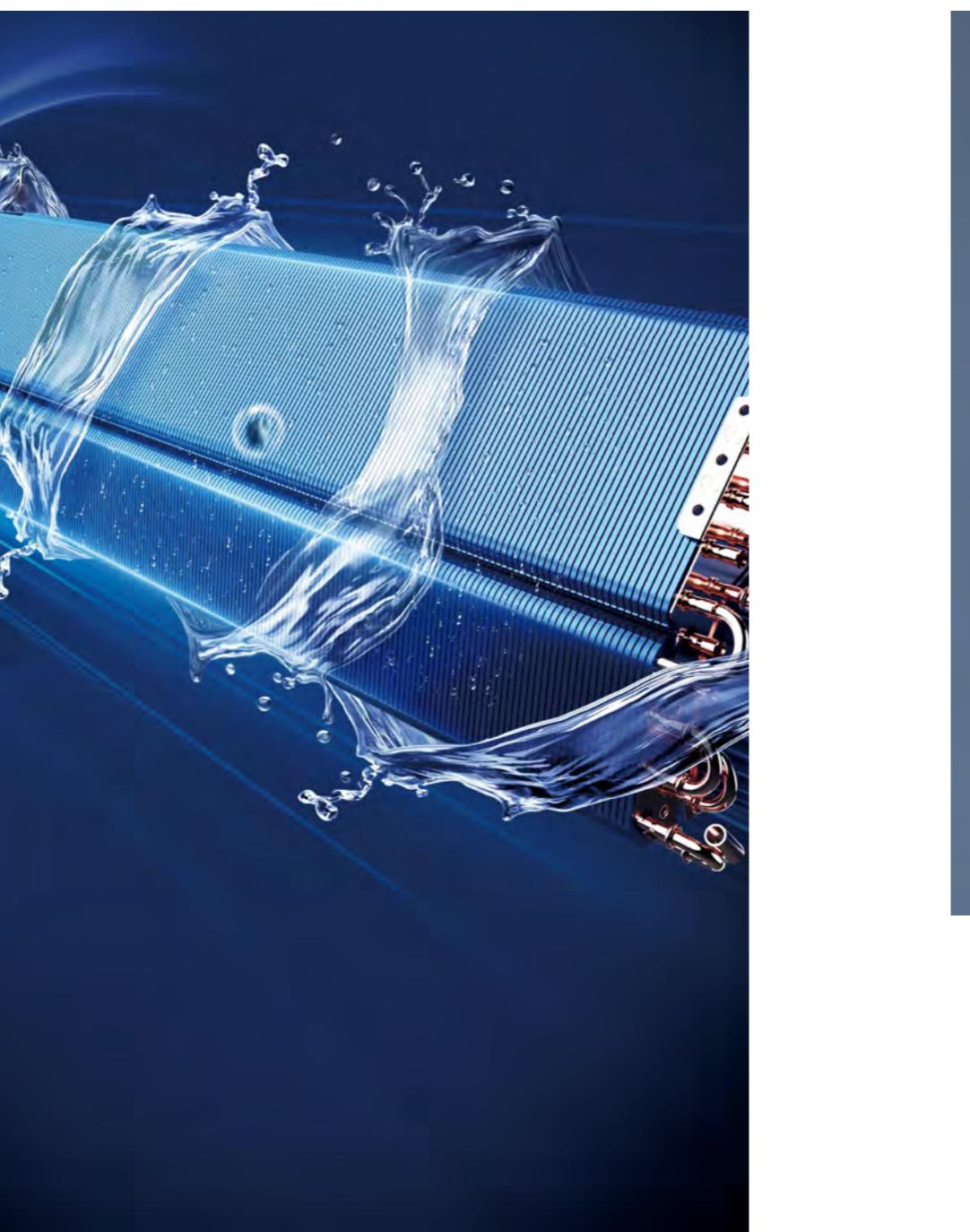
More Efficient and Effective Unit Cleaning System:



Competitive Product

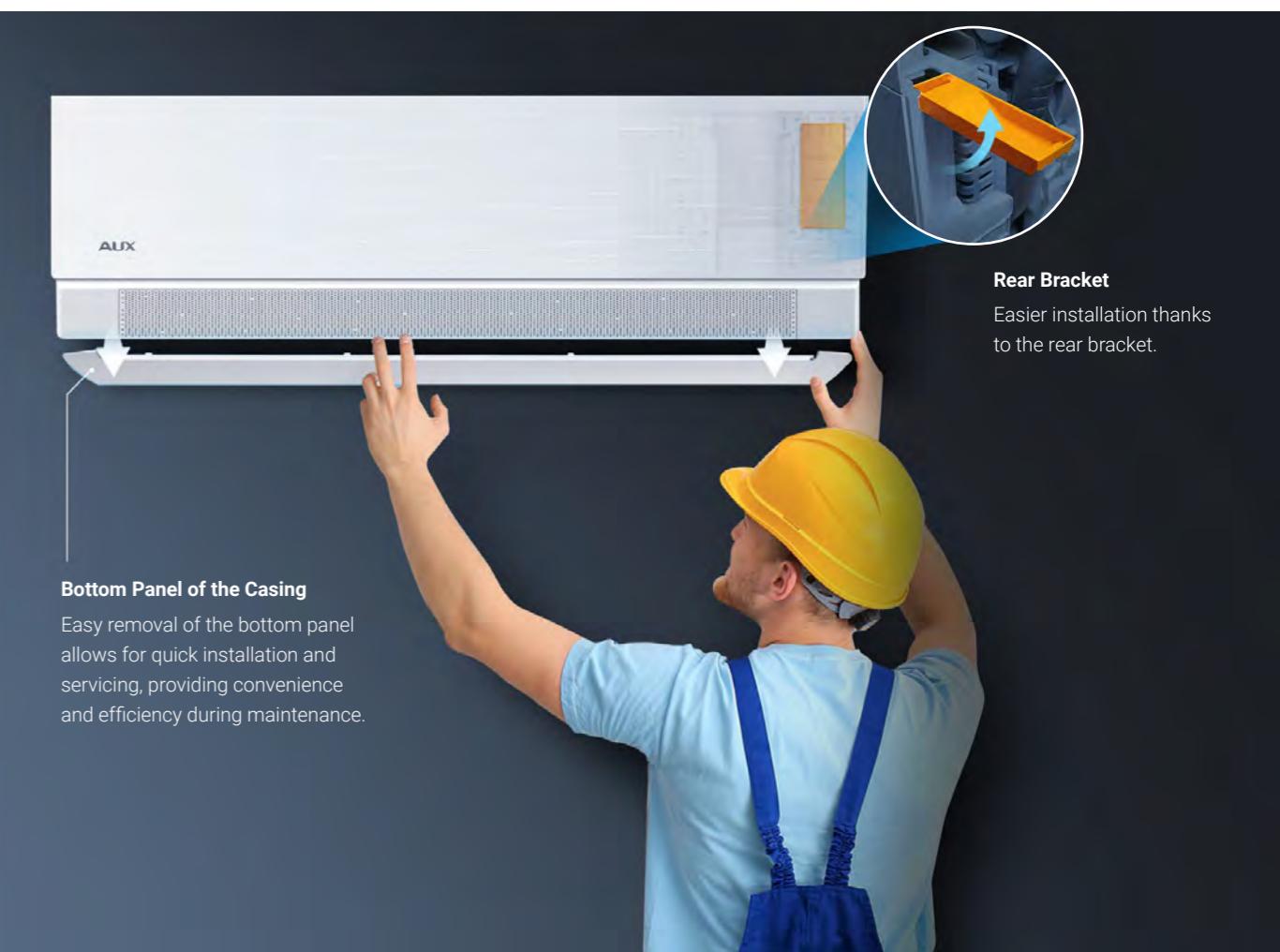


5th Generation Self-Cleaning



## Quick and Easy Installation

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%.**



### Rear bracket

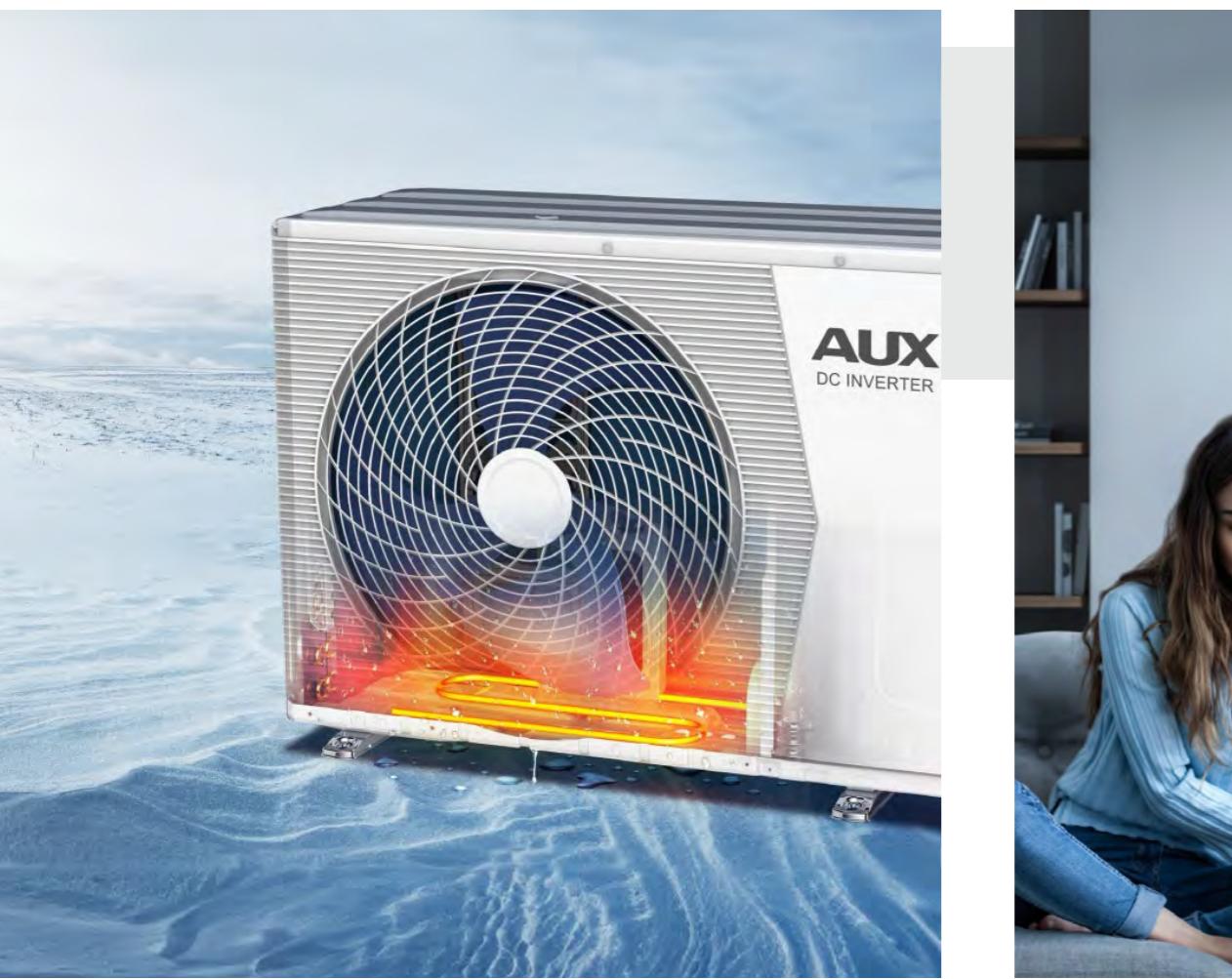
Easier installation thanks to the rear bracket.

### Bottom Panel of the Casing

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

### Metal Panel with Spirit Level

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



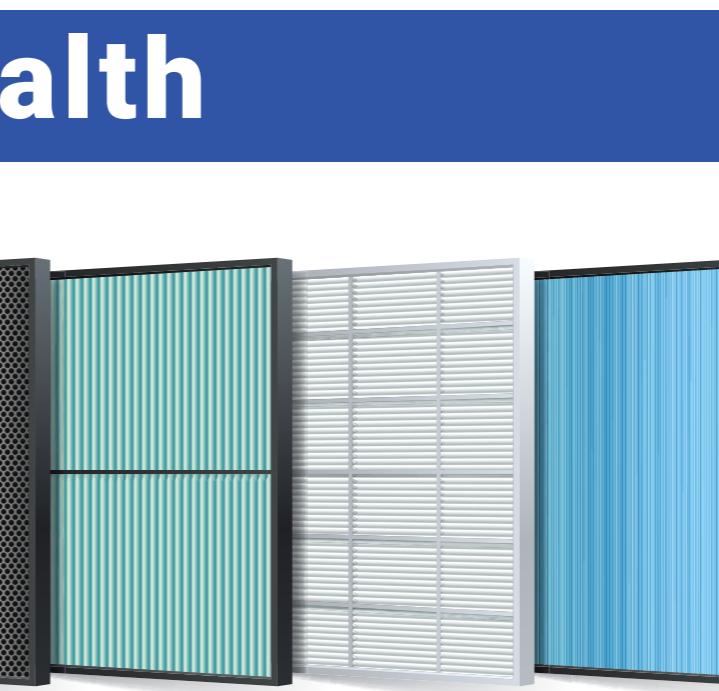
### New Generation Drip Tray Heater

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

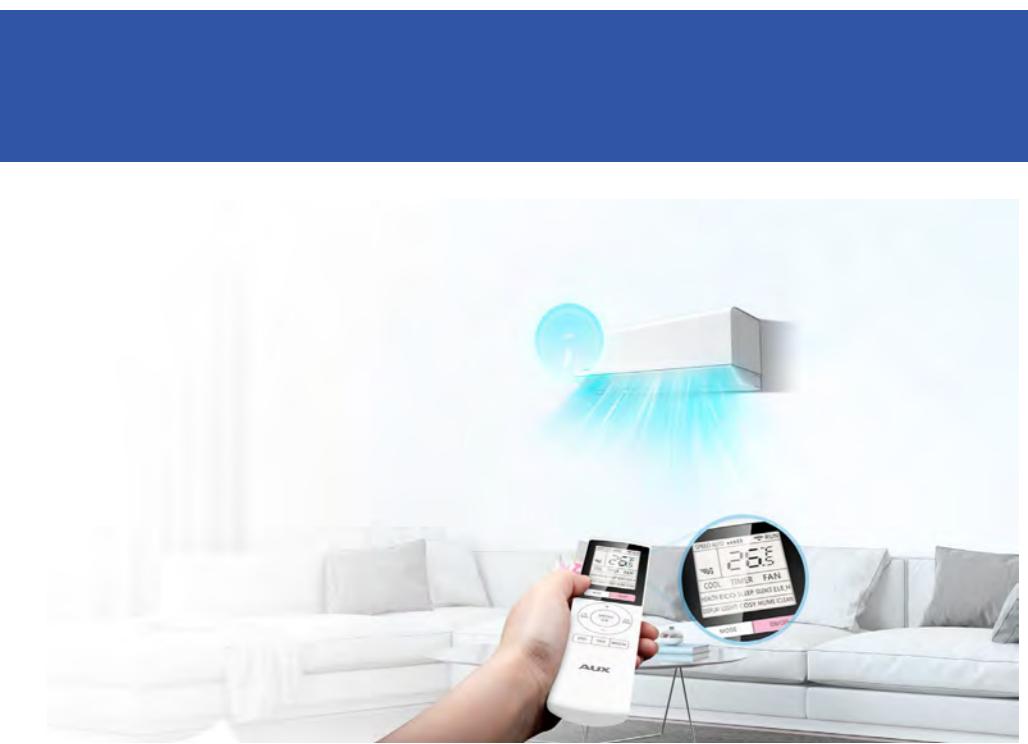
The built-in Wi-Fi module allows you to control the air conditioner from a smartphone, tablet, or computer connected to the Internet, from anywhere in the world.



### 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 filter 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 retail properties and accommodations where it is necessary to set a temperature range.

# 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.

#### 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-09CA	AUX-12CA	AUX-18CA	AUX-24CA	
<b>Cooling capacity</b>	[kW]	2,75 (0,64-0,10)	3,50 (0,80-0,20)	5,40 (1,30-1,90)	
<b>Heating capacity</b>	[kW]	3,20 (0,80-2,0)	3,85 (0,00-2,0)	5,60 (1,30-1,60)	
<b>Power supply</b>	[V~Hz,Ph]	220-240,5,1	220-240,5,1	220-240,5,1	
<b>Operating current</b>	<b>Cooling</b>	[A]	3,70 (0,56-3,2)	5,50 (0,70-7,8)	
	<b>Heating</b>	[A]	4,00 (1,02-3,2)	5,90 (1,50-8,0)	
<b>Power consumption</b>	<b>Cooling</b>	[W]	780 (100-210)	1130 (100-160)	
	<b>Heating</b>	[W]	840 (200-210)	1110 (300-160)	
<b>Maximum current draw</b>	[A]	9,0	9,5	12,0	
<b>Maximum power consumption</b>	[W]	1600	1190	2400	
<b>SEER / SCOP</b>	-	7,60 / 4,0	7,10 / 4,0	7,00 / 4,10	
<b>Energy Efficiency Class</b>	<b>Cooling</b>	-	A++	A++	
	<b>Heating</b>	-	A+	A+	
<b>Indoor unit</b>		AUX-09CA/I	AUX-12CA/I	AUX-18CA/I / AUX-18CA/O	AUX-24CA/I / AUX-24CA/O
<b>Airflow rate</b>	[m³/h]	650/570/514/60	650/570/514/60	900/800/750/65	1300/1200/1000/80
<b>Noise power level</b>	[dB(A)]	53	53	58	62
<b>Noise pressure level</b>	[dB(A)]	19 - 39	20 - 41	21 - 48	25-50
<b>Indoor unit dimensions</b>	[mm]	774 x 298 x 202	774 x 298 x 202	997 x 312 x 222	1145 x 312 x 23
<b>Indoor unit weight</b>	[kg]	7,5	8,0	11,0	13
<b>Outdoor unit</b>		AUX-09CA/O	AUX-12CA/O	AUX-18CA/O / AUX-18CA/O	AUX-24CA/O / AUX-24CA/O
<b>Type</b>	-	R32	R32	R32	R3
<b>Refrigerant</b>	<b>Factory charge (up to 5m)</b>	[g]	550	600	1030
	<b>Additional charge</b>	[g/m]	20	20	30
<b>Noise power level</b>	[dB(A)]	62	62	62	64
<b>Noise pressure level</b>	[dB(A)]	49	49	52	55
<b>Outdoor unit dimensions</b>	[mm]	708 x 530 x 58	709 x 530 x 79	785 x 555 x 300	900 x 700 x 350
<b>Outdoor unit weight</b>	[kg]	23,0	23,0	28,5	39
<b>Operating temperature range</b>	<b>Cooling</b>	[°C]	-10	-10	-10
	<b>Heating</b>	[°C]	-25	-25	-25
<b>Pipe connections (diameter)</b>	<b>Liquid</b>	[inch]	1/4	1/4	1/4
	<b>Gas</b>	[inch]	3/8	3/8	5/8
<b>Maximum piping length</b>	[m]	20	20	20	25
<b>Maximum height difference</b>	[m]	10	10	10	15



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## air conditioner

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