

# Wind-Free™ Air Conditioner

AR9500T Catalogue

**Samsung Electronics Co. Ltd.**

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**SAMSUNG**



# Advanced Cooling for a Better Life

Samsung air conditioners enrich your life. Our innovative cooling technology not only cools you down faster, but also saves energy. In addition, the advanced filter system makes your environment more comfortable. Discover a new way of life that is cool, fresh and convenient with Samsung air conditioners.







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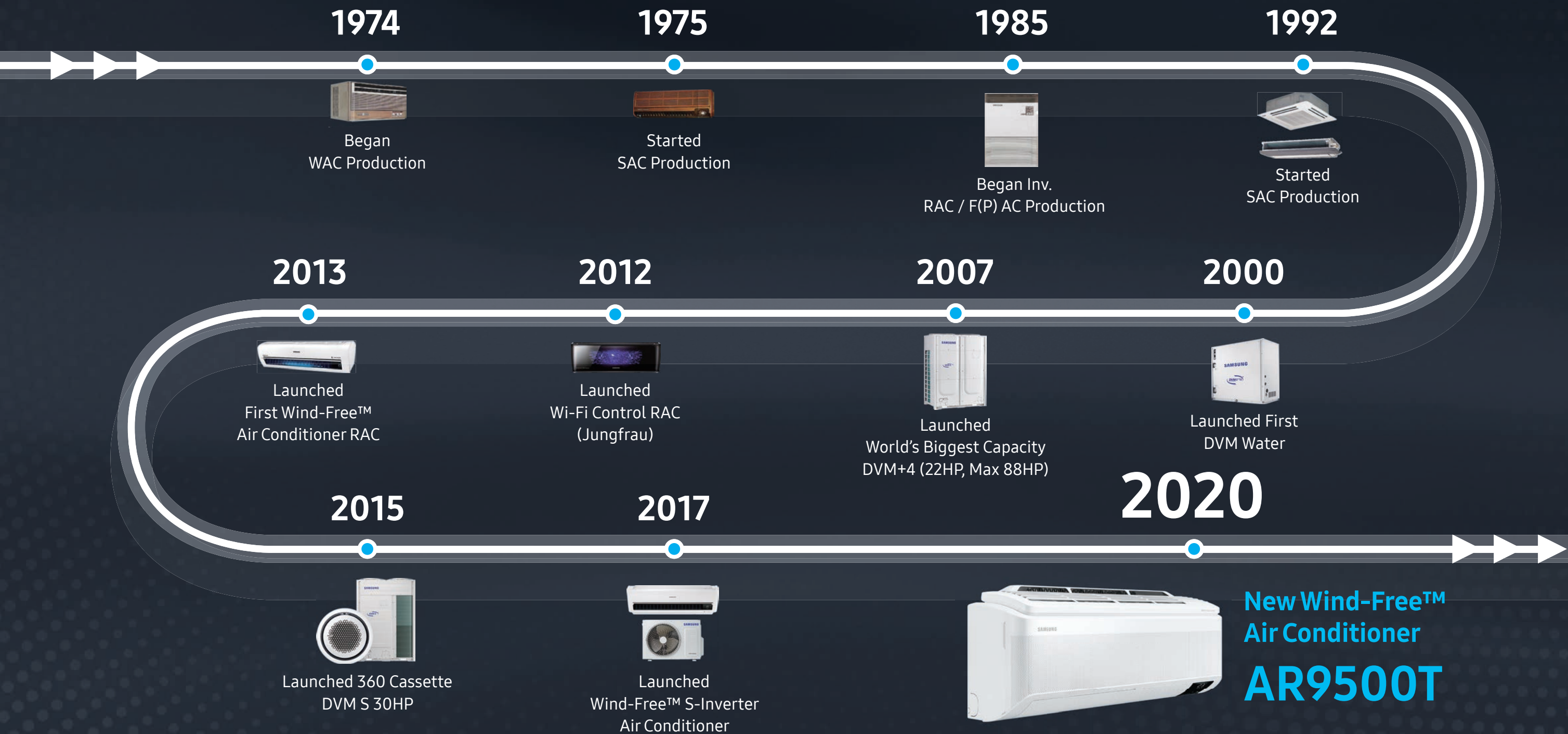
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# Innovation Milestones

Samsung has been manufacturing air conditioners and challenging the status quo of the industry for over 40 years. Thanks to cutting-edge innovations in design and technology, we will continue to aspire to be a leader in the cooling and heating industry in the years to come.





# About Samsung Climate Solutions

Samsung Electronics has come a long way since introducing our first air conditioner in 1974. Since entering the European market for commercial air conditioning in 2005, we have experienced rapid growth and support for our expanding global operations in climate systems. Samsung Electronics Co., Ltd. opened Samsung Electronics Air Conditioner Europe B.V. in Amsterdam at the start of 2017. Staff at our European headquarters and local subsidiaries strive to provide the best level of service and support to our partners across more than 30 European countries, in order to achieve mutual growth and success going forward.





# Worldwide Recognition

Samsung air conditioners are recognized as world-leading products, having won various global for our stunning design and advanced performance.



## Efficiency & Innovation 2018

Organized by Fiera Milano International, 40<sup>th</sup> Mostra Convegno Expocomfort 2018 aimed to reward the best product that shows a high level of energy efficiency and innovation, providing a complete overview of the sector along the lines of "Efficiency & Innovation Path". And the Samsung Digital Inverter 8-Pole have been recognized in MCE's "Beyond Class A" initiative for product excellence.



## CES Innovation Awards 2017

The CES Award is given to products submitted to CES based on product design and technological innovation. The award is jointly evaluated by the US industrial design association and USA CEA(Consumer Electronics Association). The Samsung air conditioner AR9500M received the 2017 CES innovation honoree with its innovative Wind-Free™ Cooling Technology.



## International Design Excellence Awards 2017

Started in 1980 by The Industrial Designers Society of America (IDSA), the International Design Excellence Awards (IDEA) fosters business and public understanding about the impact of design excellence on the quality of life and the economy. The IDEA program is considered the preeminent design competition with entries from over 39 countries. The Samsung floor standing air conditioner received the Silver award in 2017.



## iF Product Design Awards 2017

As one of the world's oldest and most prestigious design competitions, the iF product design award has stood for qualitatively outstanding design awards for over 50 years. And the Samsung air conditioner, with its design innovations, was selected as a finalist in 2017. Samsung air conditioner continues to receive worldwide recognition and awards, proving the high quality of its functions and beauty.



# Protecting the Environment

Samsung endeavours to comply with international environmental standards, European and national laws and regulations across its global business operations. Samsung will actively attempt to minimise the generation of harmful materials, utilise resources efficiently and recycle waste products for the benefit of the environment. Samsung will do its best to conduct environmental improvement activities across all product development, production, distribution, sales and disposal processes.

## Addressing Global Warming with R32 Refrigerant

Following the introduction of EU legislation on the reduction of F-gas emissions, Samsung presents a new range of air conditioners for 2019 across Residential (RAC), Commercial (CAC) and Multi Split (FJM) models. All feature R32 refrigerant. R32 has a Global Warming Potential (GWP) of 675, which is significantly lower than the GWP of R410A (2088).

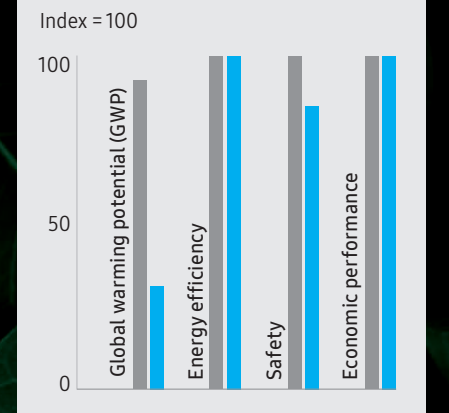
These new products are more environmentally friendly than their R410A-based predecessors.

While refrigerants are an essential part of air conditioning, R32 reduces environmental impact by 68%\* in comparison with R410A (if leaked into the atmosphere), is non-toxic and easy to recycle. It has an Ozone Depletion Potential (ODP) of zero, a high refrigeration capacity and thermal conductivity, meaning maximum efficiency and a 30% reduction in charging volume.

\* Comparison between R410A and R32 GWP figures as per reporting from the European Commission

### Environmental impact: R410A compared to R32

■ R410A (HFC): Refrigerants currently used in industrialised countries  
 ■ R32 (HFC): Next-generation refrigerants



## Making Energy Efficiency Clear

Since 1st January 2013, all air conditioners with a rated capacity of ≤ 12 kW for cooling or heating have featured an energy label indicating their energy efficiency in compliance with EU Regulation No. 626/2011 (Lot 10). As of January 2019, the energy efficiency scale has changed: the new range will be from A+++ to D, with A+++ being the most efficient and D being the least efficient.

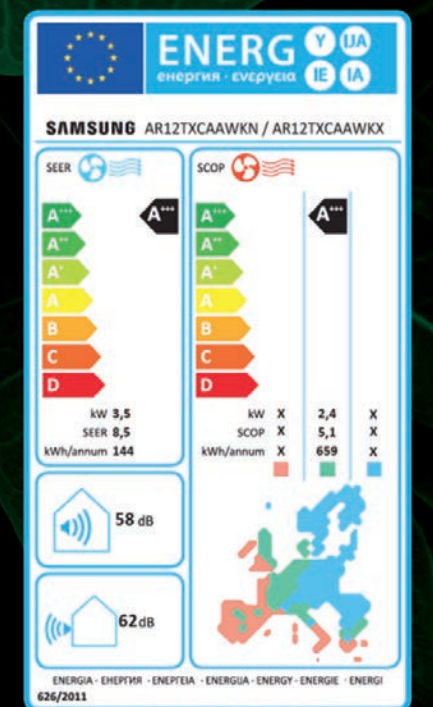
The energy label should provide minimum necessary information such as the product model code, energy efficiency class, average annual energy consumption, SCOP and/or SEER values and noise level.

The energy efficiency class is determined by measurements and calculations and should fall within the ranges indicated by the table below.

Energy efficiency class	SEER (Cooling)	SEER (Heating)
A+++	SEER ≥ 8.50	SCOP ≥ 5.10
A++	6.10 ≤ SEER < 8.50	4.60 ≤ SCOP < 5.10
A+	5.60 ≤ SEER < 6.10	4.00 ≤ SCOP < 4.60
A	5.10 ≤ SEER < 5.60	3.40 ≤ SCOP < 4.00
B	4.60 ≤ SEER < 5.10	3.10 ≤ SCOP < 3.40
C	4.10 ≤ SEER < 4.60	2.80 ≤ SCOP < 3.10
D	3.60 ≤ SEER < 4.10	2.50 ≤ SCOP < 2.80

\* Except single duct and double duct air conditioners.

### New Energy Label as of January 2019





# Wind-Free™ Cooling

Stay comfortably cool without unpleasant direct wind.



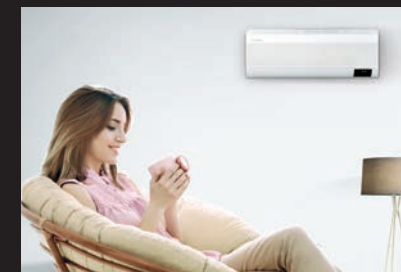
Stay feeling comfortably cool with Wind-Free™ Cooling. It cools gently and quietly without the unpleasant feeling of cold wind on your skin, as it disperses air through 23,000 micro air holes. It creates a “Still Air” environment\* with very low air speed and much less noise\*\*. Its advanced airflow structure also means it cools a wider and larger area more evenly. And it consumes 77% less energy than Fast Cooling mode\*\*\* so you can stay comfortably cool without worrying about electricity bills.

\* ASHRAE (American Society of Heating, Refrigerating, and Air-Conditioning Engineers) defines “Still Air” as air currents at speeds below 0.15m/s which lacks the presence of cold drafts.

\*\* Tested on the AR12TXFCWKNUEU model. Wind-Free™ mode generates only 23dB of noise, compared to 26dB with the Samsung conventional model.

\*\*\* Tested on the AR07T9170HA3 model, based on the power consumption of Fast Cooling mode vs. Wind-Free™ cooling mode.

## Comfortable Cooling Low Noise

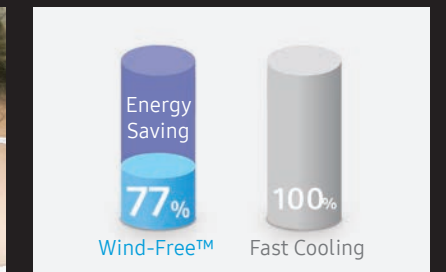


When it reaches the target temperature it automatically changes the mode to Comfort Cooling, which blows the air gently and adjusts the angle of the blades upwards, so it keeps you comfortable without feeling cold.



Cool your living spaces with less noise, so it doesn't disturb you. The compressor creates a powerful airflow, but works really quietly as it includes a Twin Tube Muffler. It reduces the refrigerant flow noise when operating at high speed and minimizes ambient noise during low speed operation.

## Energy Saving



The Wind-Free™ Cooling mode consumes 77% less energy than Fast Cooling mode. With Wind-Free™ Cooling, the compressor operates at its minimum Hz to maintain the desired temperature, and the fan motor of the indoor also rotates at the minimum RPM. So, you can stay comfortably cool without worrying about electricity bills.



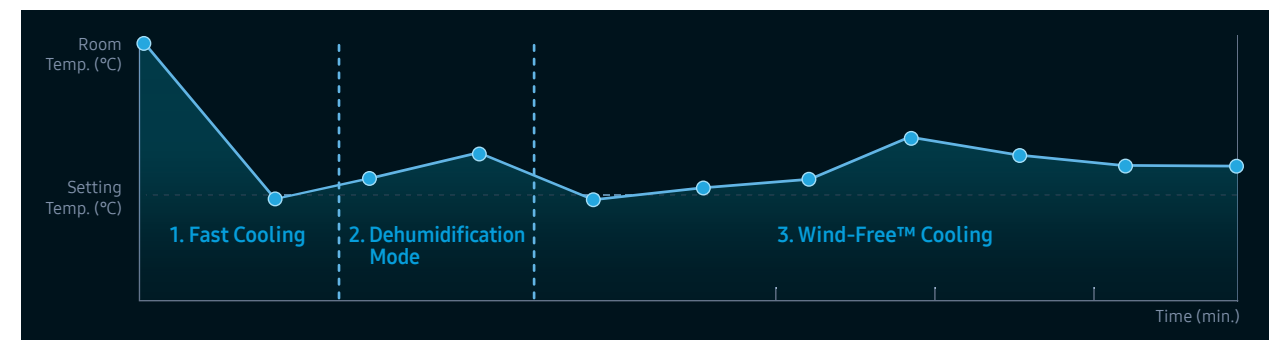
# AI Auto Cooling

Automatically optimizes the cooling by analyzing your usage behavior and living conditions.



Experience an intelligent way of living with AI Auto Cooling\*. To make life simpler and more efficient, it automatically optimizes the various modes by analyzing the room conditions and your usage patterns\*\*. Based on your preferred temperature and the outside temperature, it automatically switches to the most appropriate mode, including Wind-Free™, Fast and Normal Cooling, to maintain the optimal room conditions and keep you feeling comfortable.

\* A Wi-Fi connection and a Samsung account are required.  
\*\* Stores user data, preferences and usage patterns to suggest the most useful options.



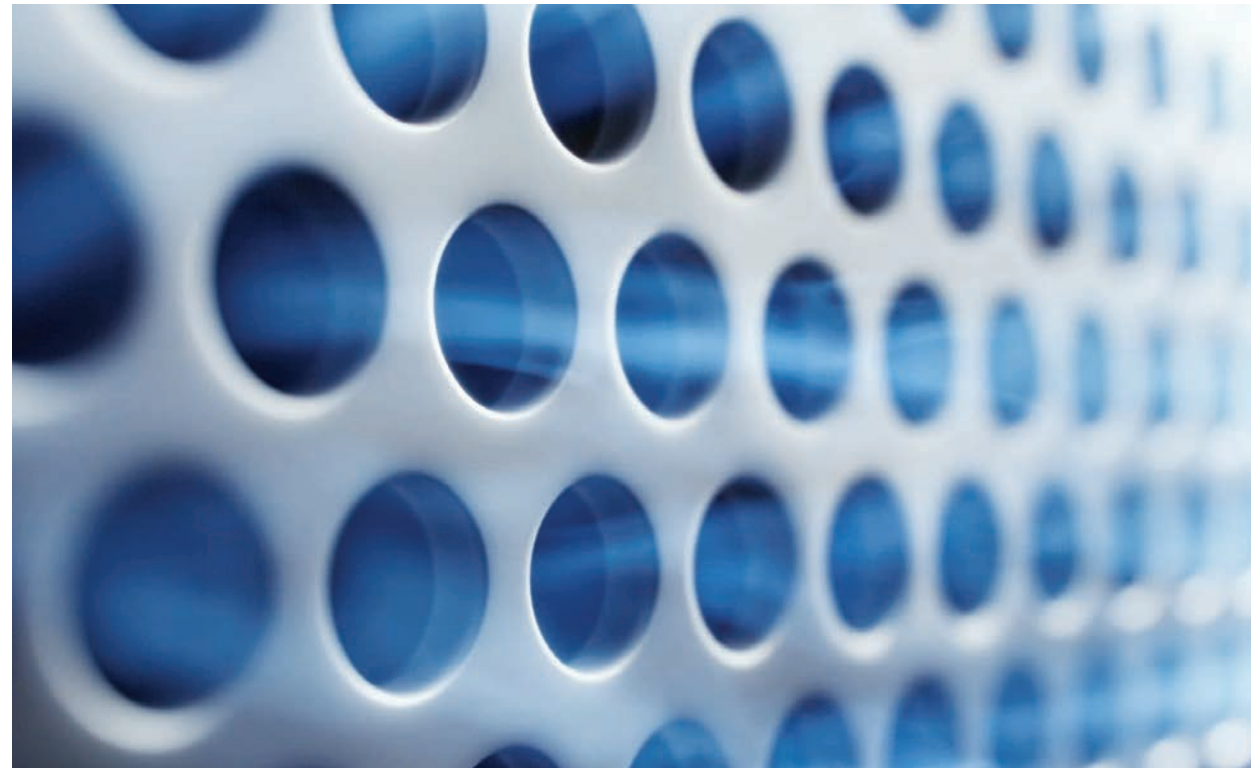
- 1 Cools down the room fast with Fast Cooling mode.
- 2 Setting the optimum humidity with Dehumidification mode.
- 3 Once reached the set temperature, automatically changes to Wind-Free™ mode to maintain the desired temperature.



# Cooling Performance

## Wind-Free™ Cooling

Get cool fast, stay cool without direct wind.



23,000 Micro air holes



Fast Cooling

Firstly, the Wind-Free™ air conditioner cools the room with its Fast Cooling mode. When it reaches the desired temperature, you can change the mode to Wind-Free™ Cooling.

Wind-Free™ Cooling

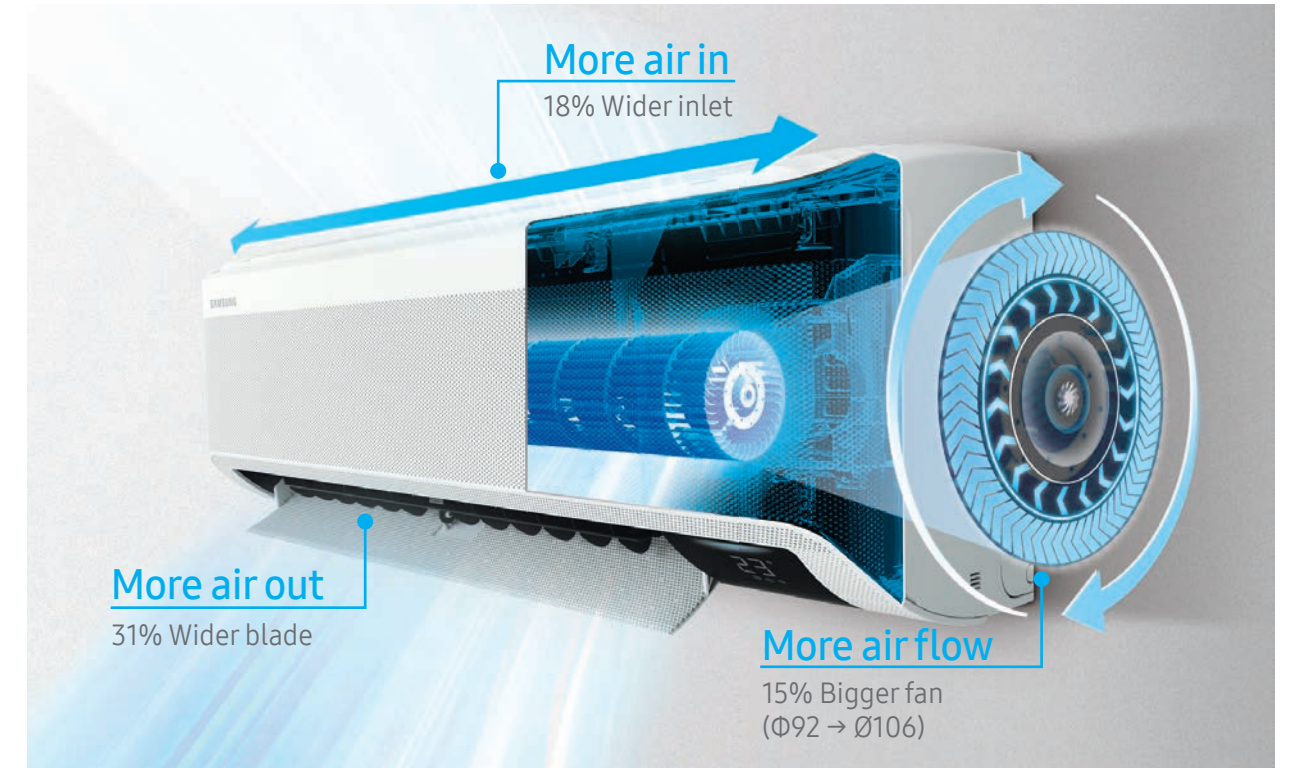
With Wind-Free™ Cooling mode, cool air is gently dispersed across the room through 23,000 micro air holes. It creates a 'still air' environment with a very low air speed of just 0.15m/s and no temperature fluctuation – so there are no annoying cold draft and you don't feel too cold, just pleasant comfort.

Stay feeling comfortable cool with Wind-Free™ Cooling. It cools gently and quietly without the unpleasant feeling of cold wind on your skin, as it disperses air through 23,000 micro air holes. It creates a "Still Air" environment\* with a very low air speed and much less noise\*\*. Its advanced airflow structure also means it cools a wider and larger area more evenly. And it consumes 77% less energy than Fast Cooling mode\*\*\* so you can stay comfortably cool without worrying about electricity bills.

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## Fast Cooling

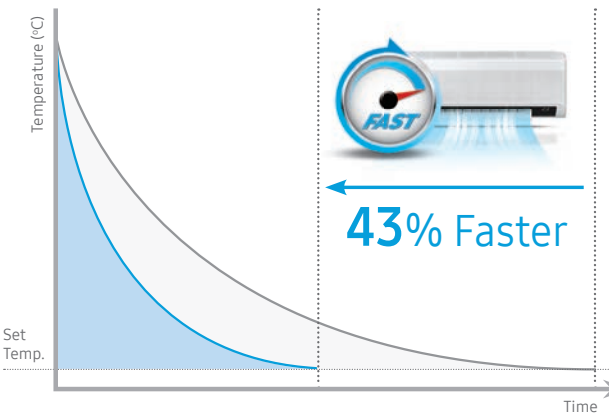
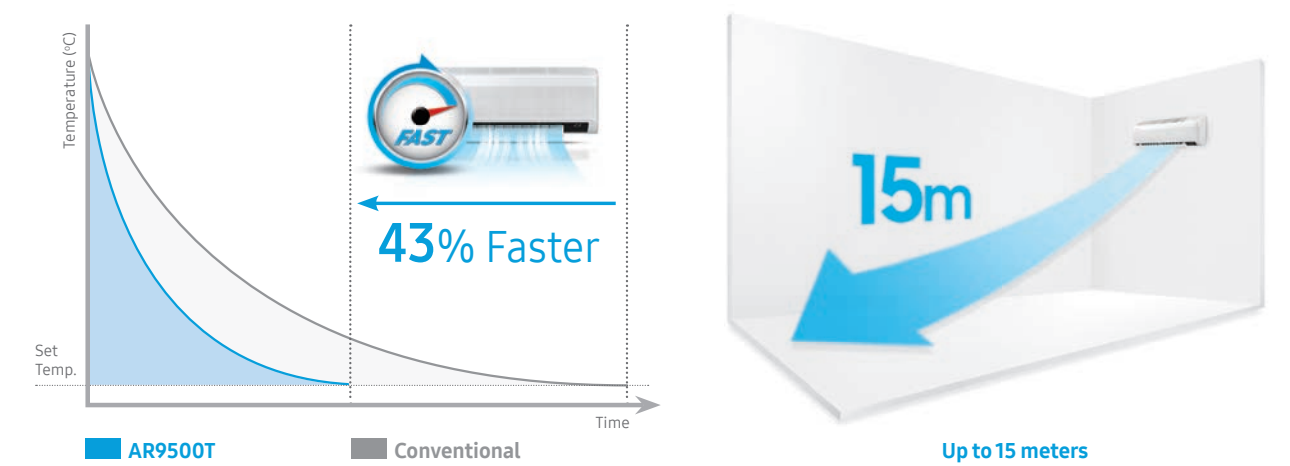
Cools 43% faster\* from corner to corner, so you always feel cool.



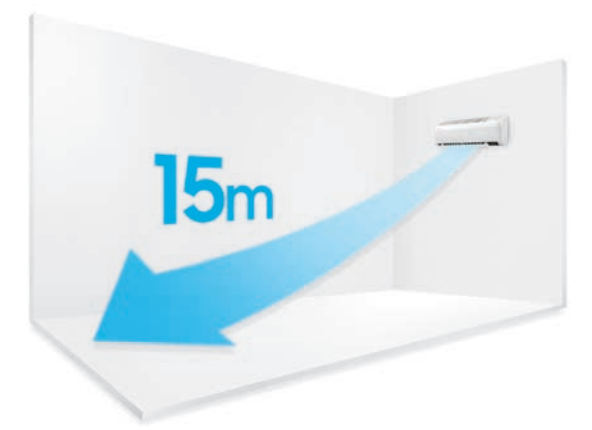
More air in  
18% Wider inlet

More air out  
31% Wider blade

More air flow  
15% Bigger fan  
(Ø92 → Ø106)



AR9500T Conventional



Up to 15 meters

Cool rooms quickly from corner to corner, so you're always comfortable whenever you want and wherever you are. Powerboost with Digital Inverter Boost technology dramatically shortens the time it takes for the compressor to reach maximum power when it starts operating, so it cools the air 43% faster\*. Its advanced design also has a 15% bigger fan, 18% wider inlet and a 31% wider blade. So cool air is dispersed farther and wider into every corner of a room, reaching up to 15 meters\*\*.

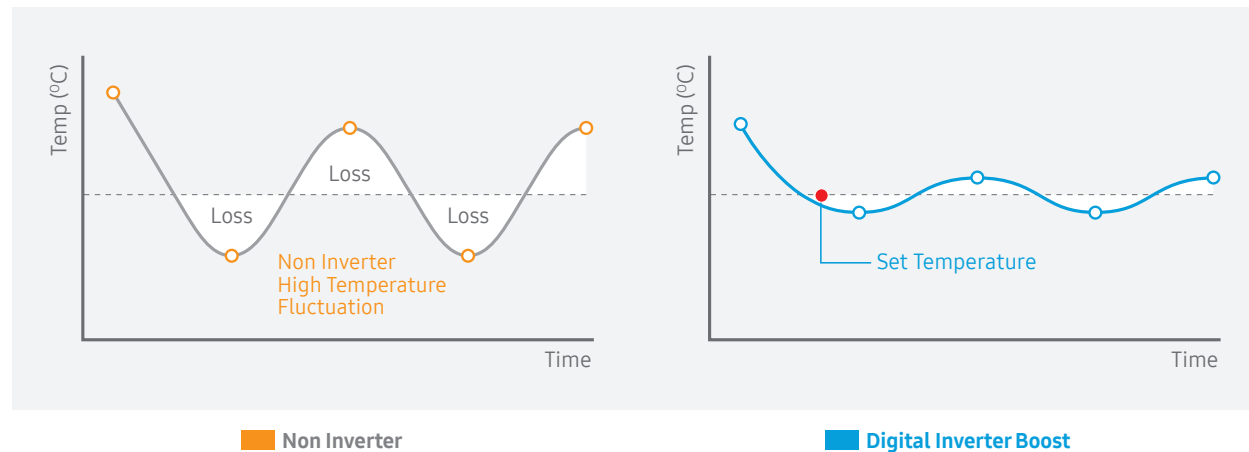
\* Tested on the AR12TXCAWAKNEU model compared with the Samsung conventional model AQ12EASER.  
 \*\* Tested on the AR24TXFCWAKNEU model.



# Energy Saving

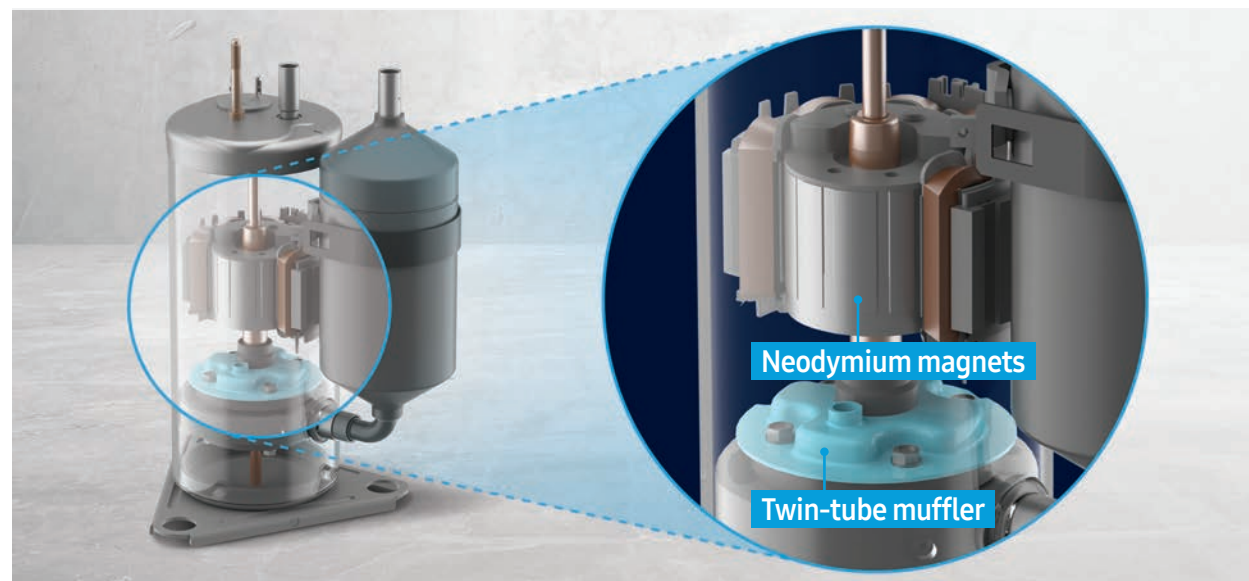
## Digital Inverter Boost

Energy saving up to 73% by Digital Inverter Boost technology.



Save money everyday with highly energy-efficient Digital Inverter Boost technology. Unlike conventional fixed-speed compressors, it maintains the desired temperature without frequently turning on and off, so there's less fluctuation. It also uses strong magnets made of neodymium and includes a muffler, so it works efficiently and produces less noise and vibration. And it optimizes power usage when cooling, which reduces energy consumption by up to 73%\*.

\* Tested on the AR09TXCAAWKNEU model compared with the Samsung conventional model AQ09TSLXEA.



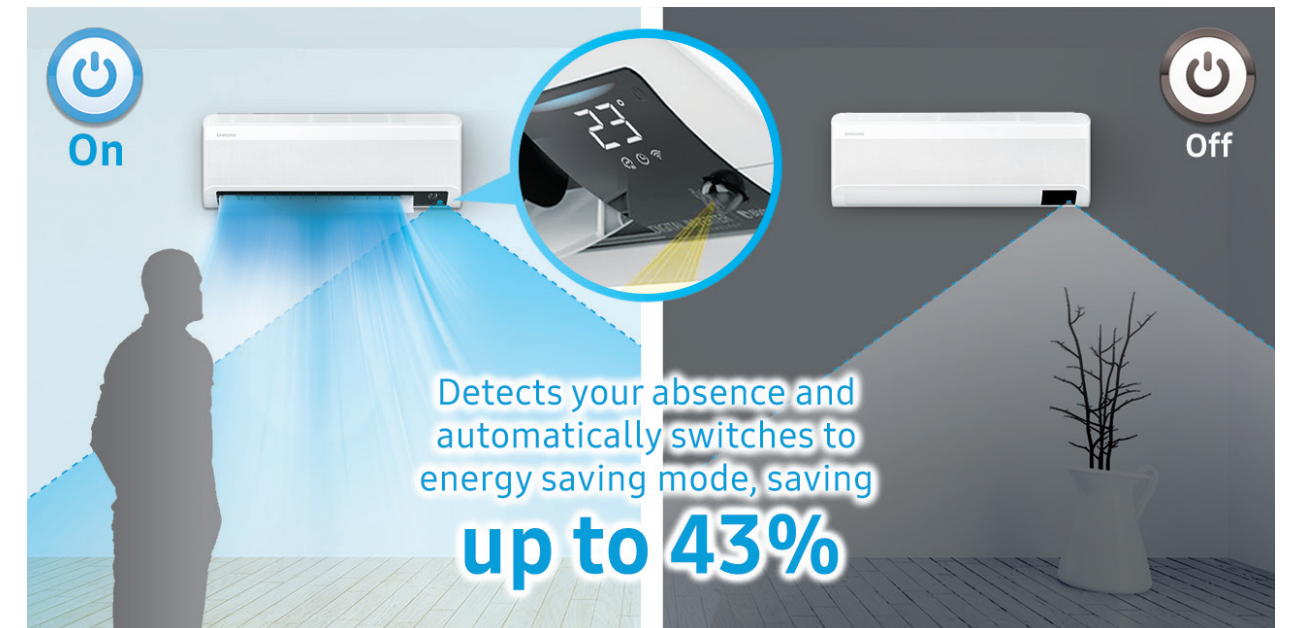
Digital Inverter Boost technology

It also uses strong magnets made of neodymium and includes a twin-tube muffler, so it works efficiently and produces less noise and vibration. And it optimizes power usage when cooling, which reduces energy consumption by up to 73%\*.

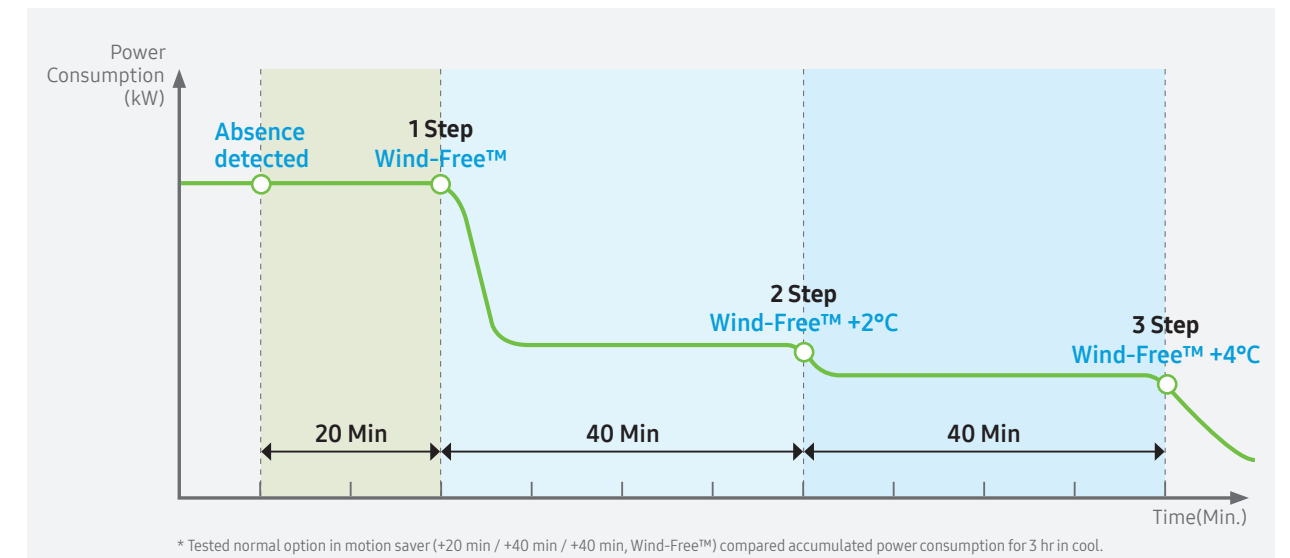
\* Tested on the AR09TXCAAWKNEU model compared with the Samsung conventional model AQ09TSLXEA.

## Motion Detect Sensor

Efficiently and effectively cools you automatically according to your movement.



\* Tested on the AR12TXCAAWKNEU model.



\* Tested normal option in motion saver (+20 min / +40 min / +40 min, Wind-Free™) compared accumulated power consumption for 3 hr in cool.

Cool your home efficiently whether you are there or not. The Motion Detect Sensor detects if there is no movement after 20 minutes\* and will automatically switch to the Wind-Free™ mode to save energy. After 40 minutes, it increases the temperature by 2°C in Wind-Free™ mode. After another 40 minutes, it either increases temperature by 2°C in Wind-Free™ mode or enters standby (Soft Off) mode. But as soon as it detects any activity it returns to working normally. You can also set it so that it won't blow air towards you, or to follow you wherever you move.

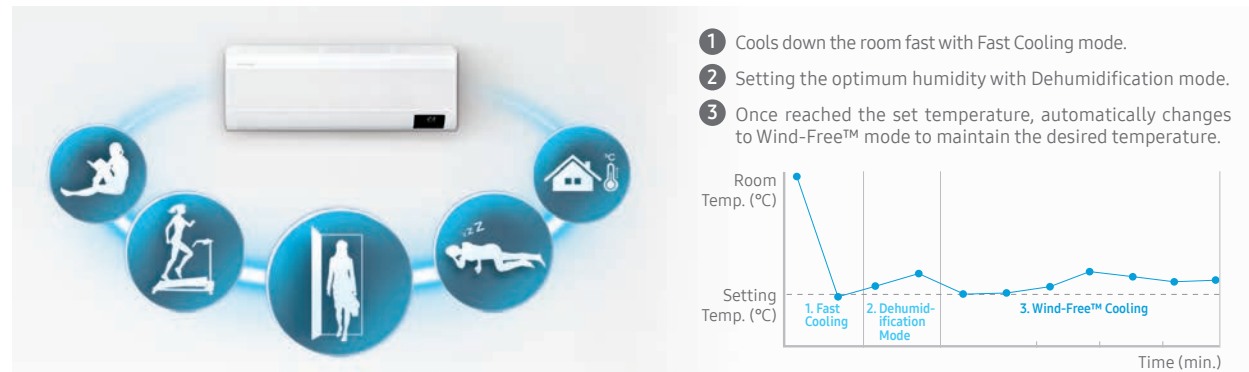
\* The Motion Detect sensor will start detecting the absence of movement after a minimum of 5 min and up to a maximum of 60 min.



# Smart Functionality

## AI Auto Cooling

Automatically optimizes the cooling by analyzing your usage behavior and living conditions.

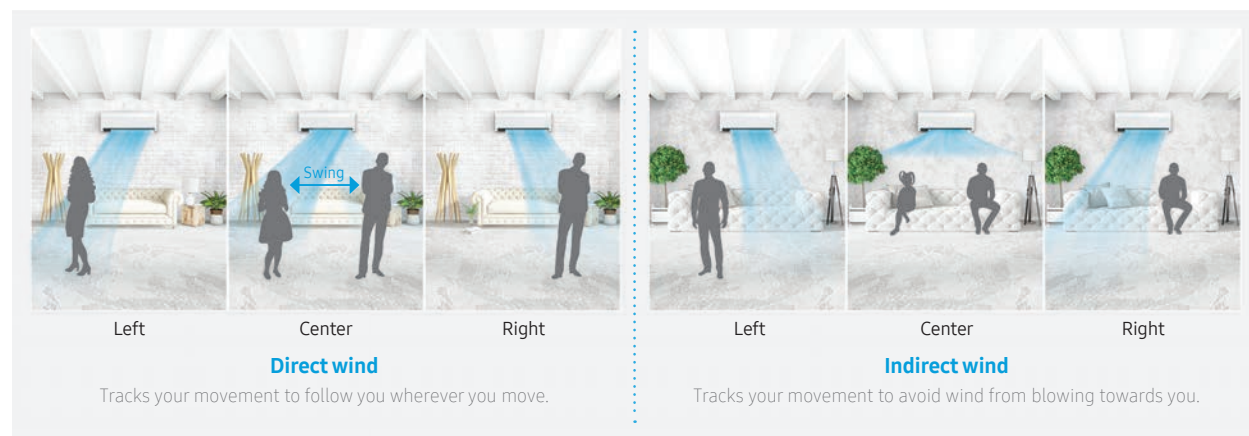


Experience an intelligent way of living with AI Auto Cooling\*. To make life simpler and more efficient, it automatically optimizes the various modes by analyzing the room conditions and your usage patterns\*\*. Based on your preferred temperature and the outside temperature, it automatically switches to the most appropriate mode, including Wind-Free™, Fast and Normal Cooling, to maintain the optimal room conditions and keep you feeling comfortable.

\* A Wi-Fi connection and a Samsung account are required.  
 \*\* Stores user data, preferences and usage patterns to suggest the most useful options.

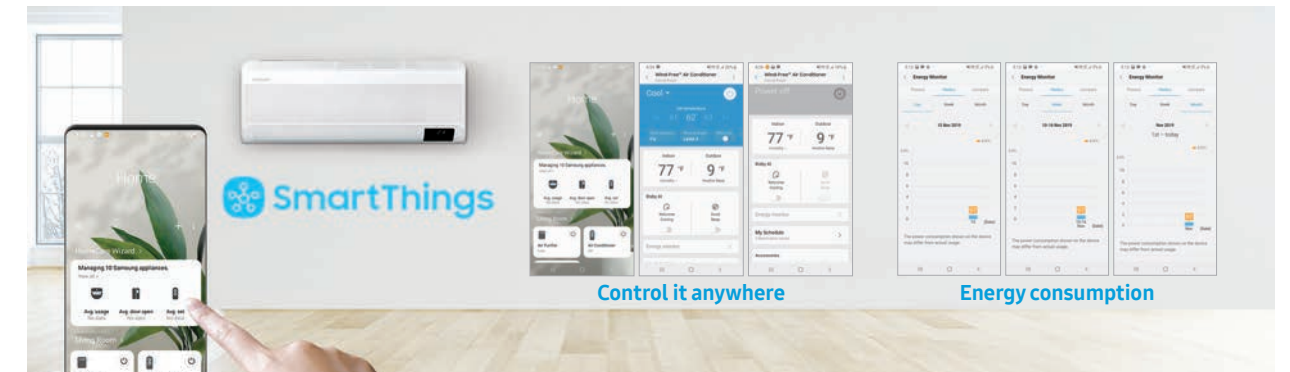
## Direct/Indirect Wind

You can also set it so it won't blow air towards you, or to follow you wherever you move.



## SmartThings

Control the air conditioner remotely and with your voice.



Control the temperature in your home anytime and anywhere. Using the SmartThings App\* you can remotely control and monitor the air conditioner with just a touch. Or simply tell the voice control artificial intelligence (AI) system\* what you want\*\* and it does it. It even suggests the best settings.

\* Available on Android and iOS devices. A Wi-Fi connection and a Samsung account are required.  
 \*\* Voice control supported in English (US, UK, Indian), Chinese, Korean, French, German, Italian and Spanish. Portuguese will also be supported by the end of 2020.

## Voice Control

Control the temperature anytime and anywhere with voice control.



\* Certain models may not support voice control feature.



# Air Care

## PM 1.0 Filter System

Keeps your air clean by capturing even ultra fine particles.

PM 10 : 10 µm	PM 2.5 : 2.5 µm	PM 1.0 : 1 µm
Coarse particles	Fine particles	Ultra-fine particle
Red blood cells 5-10µm	Powder 0.1-30µm	Virus 0.005-0.3µm
Car emissions 1-150µm	Printer toner 0.5-15µm	Bacteria 0.3-60µm
Pollen 6-100µm	Atmospheric 0.001-40µm	Cigarette smoke 0.001-4µm
Hair 5-200µm	House dust 0.05-100µm	
Human hair 40-300µm	Cobweb width 2-3µm	
Sand 62-500µm		
Fog 70-350µm		
Glass wool 1000µm		

**Pre Filter**  
Captures big dust

**PM 1.0 Filter**  
Captures ultra fine dust

**Keeps clean & fresh air by 2 Step filter system**

Soak the filter in a solution of water and mild detergent for 30 min.

Rinse the filter and let it air dry in a well-ventilated area that is out of direct sunlight.

**Washable filter**

**Aurora lighting shows the current air quality**

Protect yourself from inhaling tiny particles in the air that can get embedded in your lungs. The PM 1.0 Filter keeps the air really clean by capturing even ultrafine particles. It fully covers the air inlet and works twice as fast as a PM 2.5 Filter, so it cleans quickly and thoroughly. Colored lights also show the current air quality and a laser sensor detects when the air is dirty, so it can be automatically cleaned\*. And the filter is washable, so it's easy and cost-effective to maintain.

## Easy Filter Plus

Easy to clean filter.

**Easy to detach**

**Easy to clean**

**Antibacterial process**

(1) Silver ions impregnate the bacteria surface when bacteria contacts zeolite

(2) Silver ion reacts with the protein in bacteria.

Keep your air conditioner working efficiently with less effort. The Easy Filter Plus is located outside, on the top, so it can easily be taken out and cleaned. Its dense mesh keeps the Heat Exchanger clean and an anti-bacterial coating helps protect you against dangerous airborne contaminants\*.

\* Tested in Korea test lab. Data has been measured under specific testing conditions and may vary depending on environmental factors and individual use.

## Tri-Care Filter

Keeps your air hygienic by capturing dust, viruses, bacteria and allergens.

**99% Anti-bacteria**

**99% Anti-virus**

**98% Anti-allergy**

Keep the air hygienic and maintain the performance of the Heat Exchanger with a Tri-Care Filter. Its 3-layers include a high-density filter that extracts large household dust particles, fibers and animal hairs. It also has a Zeolite Coating Filter that captures fine dust, and eliminates potentially dangerous viruses, bacteria and allergens.

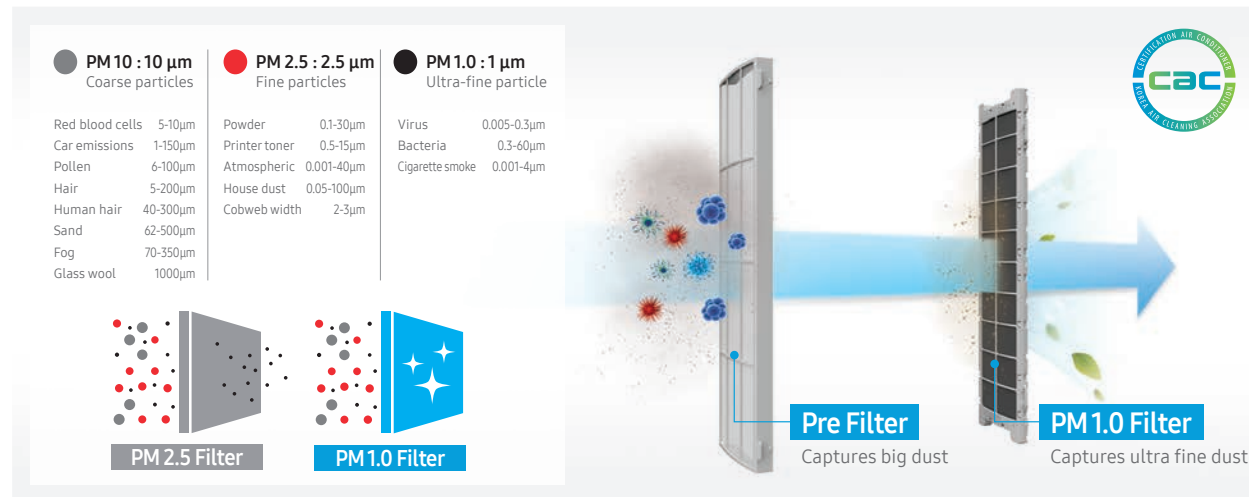
\* Tri-care filter option may differ based on the model & region.



# Air Care

## PM 1.0 Filter System

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Keeps clean & fresh air by 2 Step filter system



Washable filter

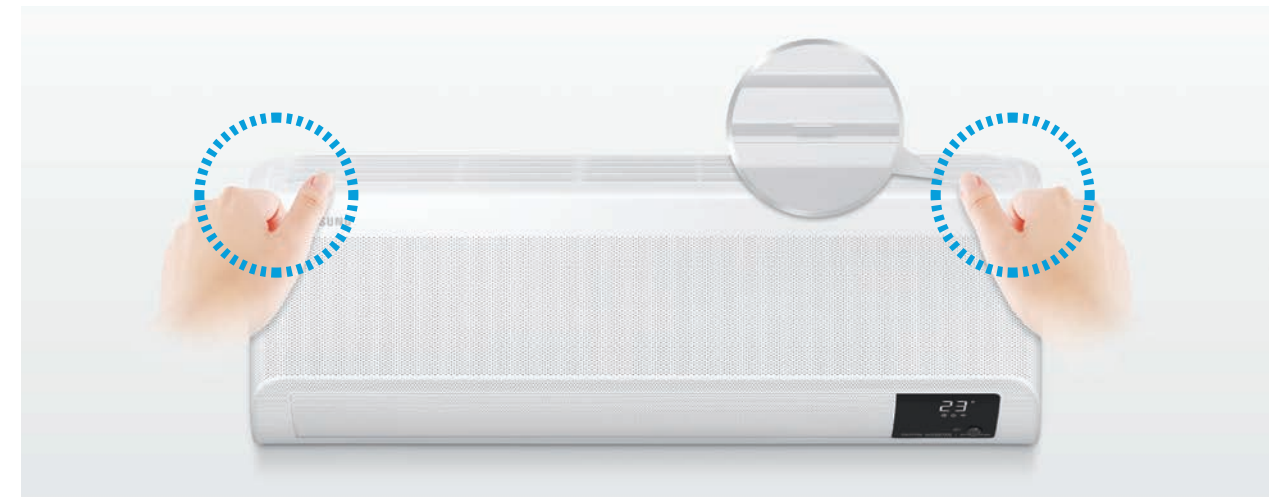


Aurora lighting shows the current air quality

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## Easy Filter Plus

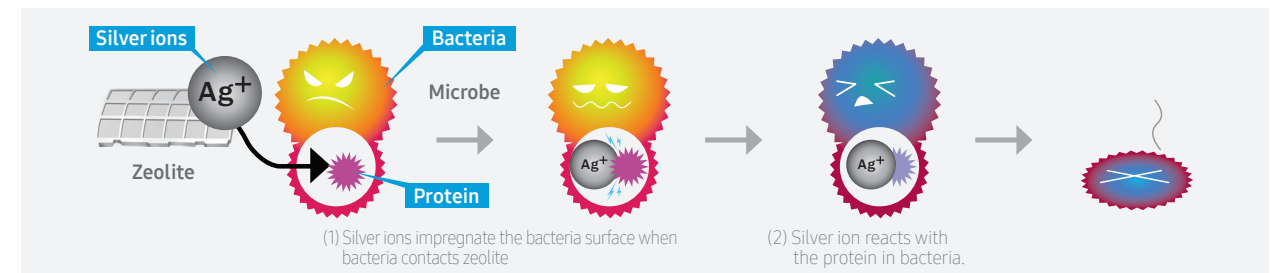
Easy to clean filter.



Easy to detach



Easy to clean



Antibacterial process

Keep your air conditioner working efficiently with less effort. Unlike conventional filters that are often difficult to access, the Easy Filter Plus is located outside, on the top. So it can easily be taken out and cleaned – without having to open a cover or pull hard. It is also made of a dense mesh, so it's very effective at capturing dust, which keeps the Heat Exchanger clean and working efficiently. And its anti-bacterial coating helps protect you against dangerous airborne contaminants\*.

\* Tested in Korea test lab. Data has been measured under specific testing conditions and may vary depending on environmental factors and individual use.



# Durability

## Triple Protector Plus

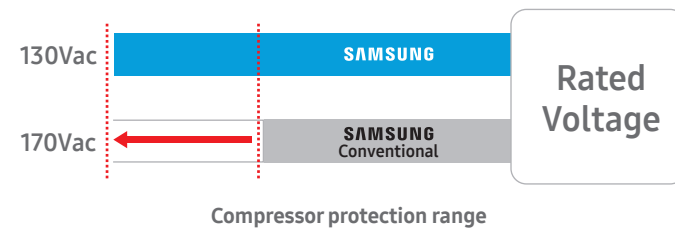
Delivers a long-lasting performance with advanced durability and protection from power surges, without a voltage stabilizer.\*



### 1 Compressor protector

Samsung advanced compressor protects itself from unstable electrical conditions and is also until 130Vac, compared to a conventional 170Vac.

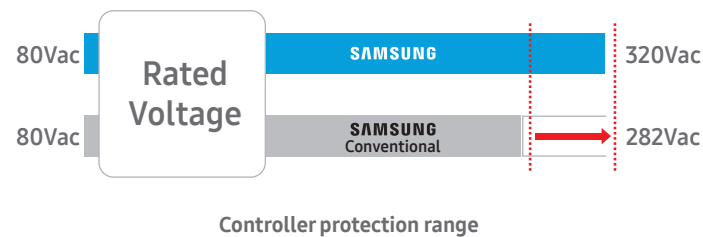
\* Normal Working Range : 187Vac ~ 265Vac  
 \* The voltage value may different because the voltage ripple value is different depending on the load  
 \* Tested on the AR12TXEAAWKNEU model compared with the Samsung conventional model AS18FCMID.



### 2 Controller protector

Samsung's advanced controller adjusts itself to avoid breakdowns from voltage surge. This special technology withstands power fluctuations from 80Vac to 320Vac.

\* Normal Working Range : 187Vac ~ 265Vac.  
 \* The voltage value may different because the voltage ripple value is different depending on the load.  
 \* Tested on the AR12TXEAAWKNEU model compared with the Samsung conventional model AS18FCMID.



### 3 Fin protection

Multi Channel Condenser are designed with strong corrosion-resistant material to protect them from rusting. And the made thicker, so it can ensure harsher conditions.

\* Tested on the AR10TYCABWKNST model compared with the Samsung conventional model AS18FCMID.

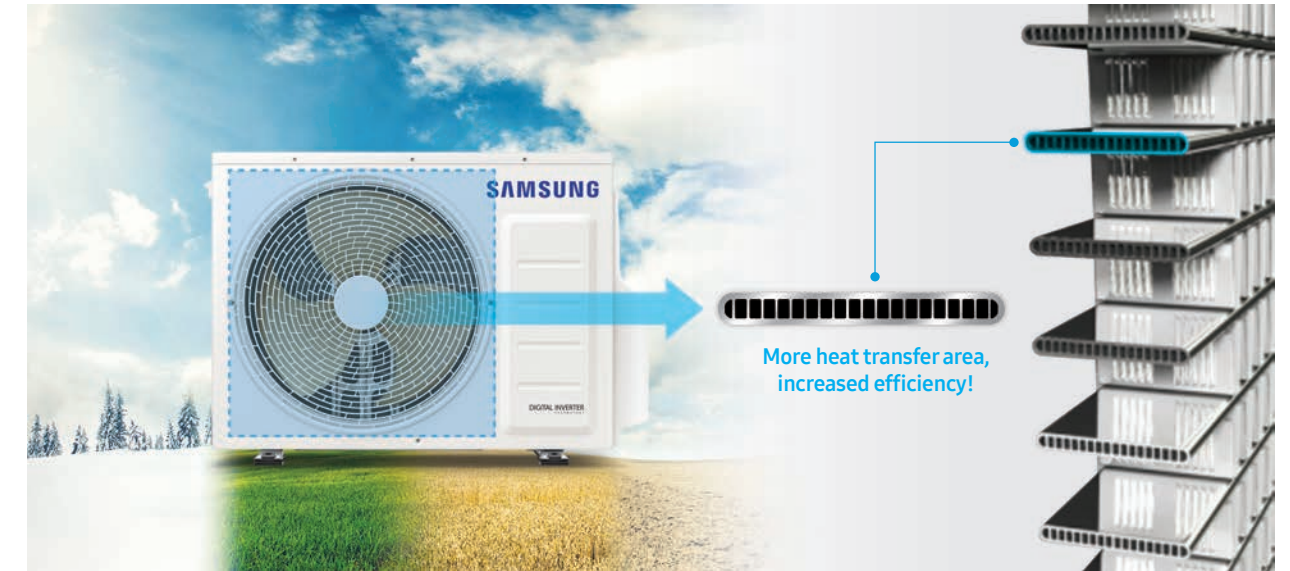


Enjoy a long-lasting performance even in the most challenging environments. Triple Protector Plus technology prevents the compressor and controller from being overloaded by power surges or damaged by fluctuating electrical currents, without a separate voltage stabilizer\*. The air conditioner is also designed to provide advanced durability. Its anti-corrosion coating stops the condenser from corroding and the cabinet from rusting, and the cabinet is thicker, so it can endure harsh conditions.

\* Tested on the AR12TXEAAWKNEU model compared with the Samsung conventional model AS18FCMID.

## DuraFin™

Maintains the performance and efficiency of the heat exchanger without becoming corroded.



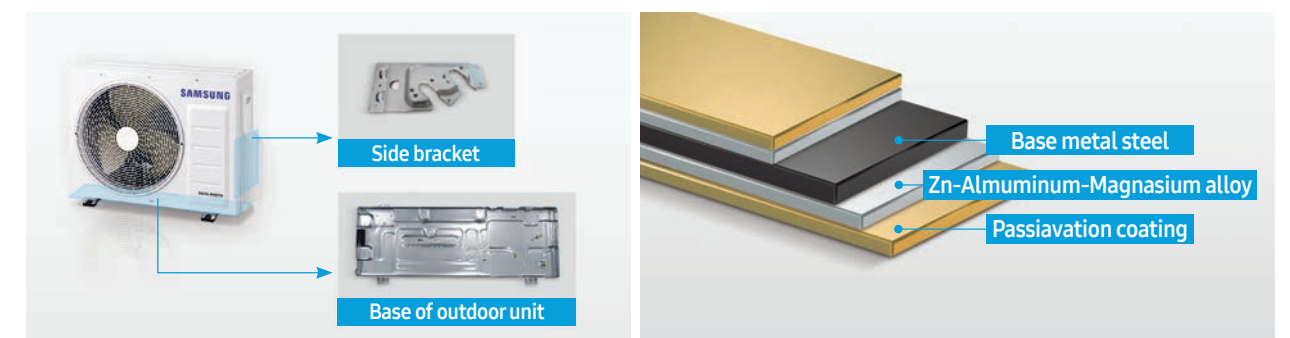
DuraFin™

Enhance the performance and efficiency of the Heat Exchanger using the DuraFin™. It is made of a much denser material and is thicker in design. Its improved coating also has more corrosion resistance. So it passes the accelerated Sea Water Acetic Acid Test (SWAAT) for corrosion over 100 days\*.

\* Based on the AR13TYHYBWKNST model compared with the Samsung conventional model AR18JRFNFWK.

## Superdyma

Superdyma for corrosion-resisting of outdoor unit.



Application on base & bracket

Superdyma component

Superdyma is a highly corrosion-resisting, alloy-coated steel sheet, consists of Zn, Al and Mg. It is 5 times more corrosion-resistant than conventional GI.



# Durability

## Triple Protector Plus

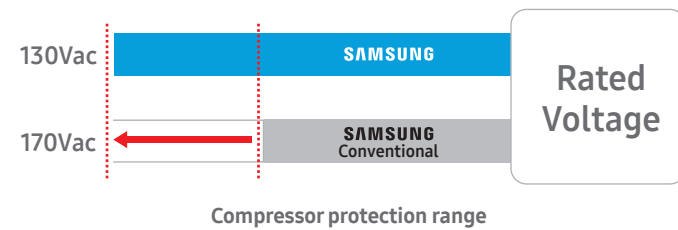
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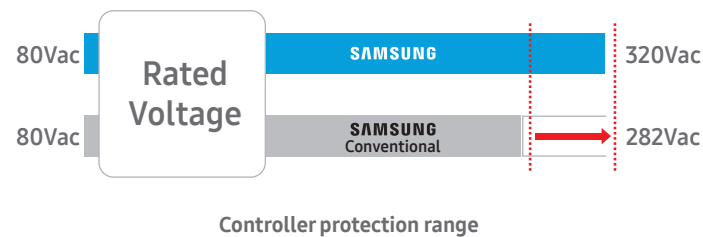
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 \* The voltage value may different because the voltage ripple value is different depending on the load.  
 \* Tested on the AR12TXEAAWKNEU model compared with the Samsung conventional model AS18FCMID.



### 3 Fin protection

The anti - corrosion fin condenser are designed with strong corrosion-resistant material to protect them from rusting. And the made thicker, so it can ensure harsher conditions.

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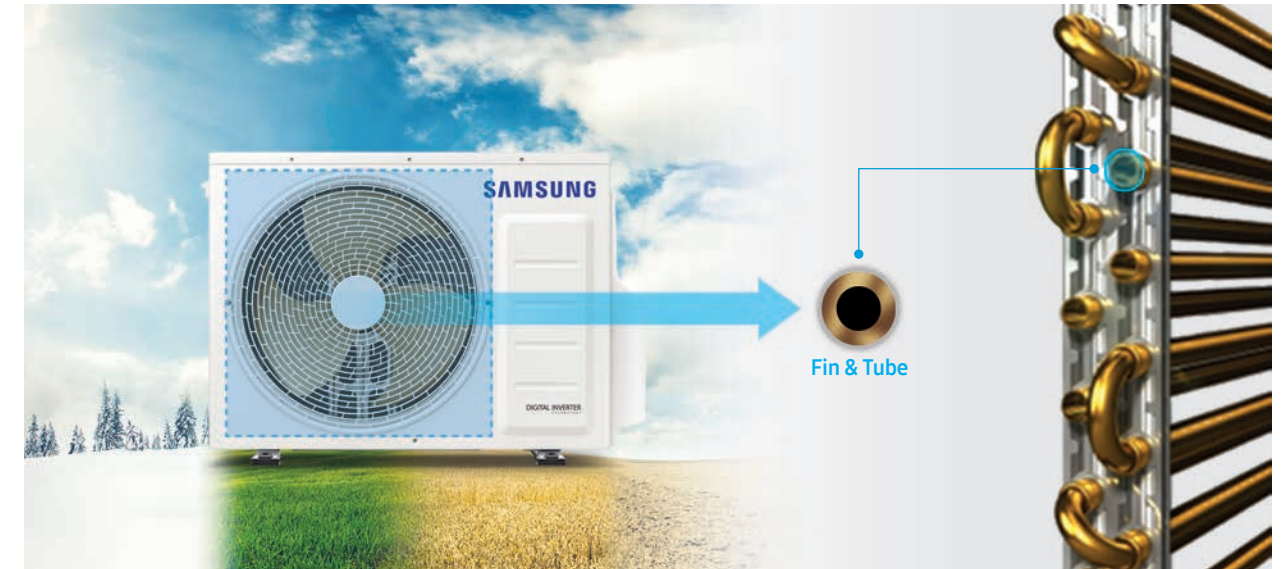


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\* Tested on the AR12TXEAAWKNEU model compared with the Samsung conventional model AS18FCMID.

## DuraFin™ Plus

Copper Fin is made of corrosion-resistant material to protect the condenser from rusting.



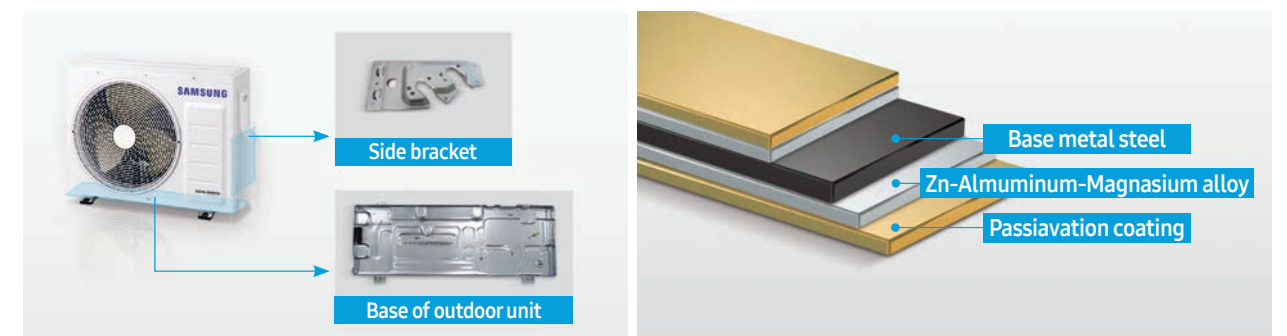
Durafin™ plus

Its superb corrosion-resistance was proven using the Salt Spray Test (SST) for 480 hr.

\* Tested on the AR12TXFCWKNEU.

## Superdyma

Superdyma for corrosion-resisting of outdoor unit.



Application on base & bracket

Superdyma component

Superdyma is a highly corrosion-resisting, alloy-coated steel sheet, consists of Zn, Al and Mg. It is 5 times more corrosion-resistant than conventional GI.



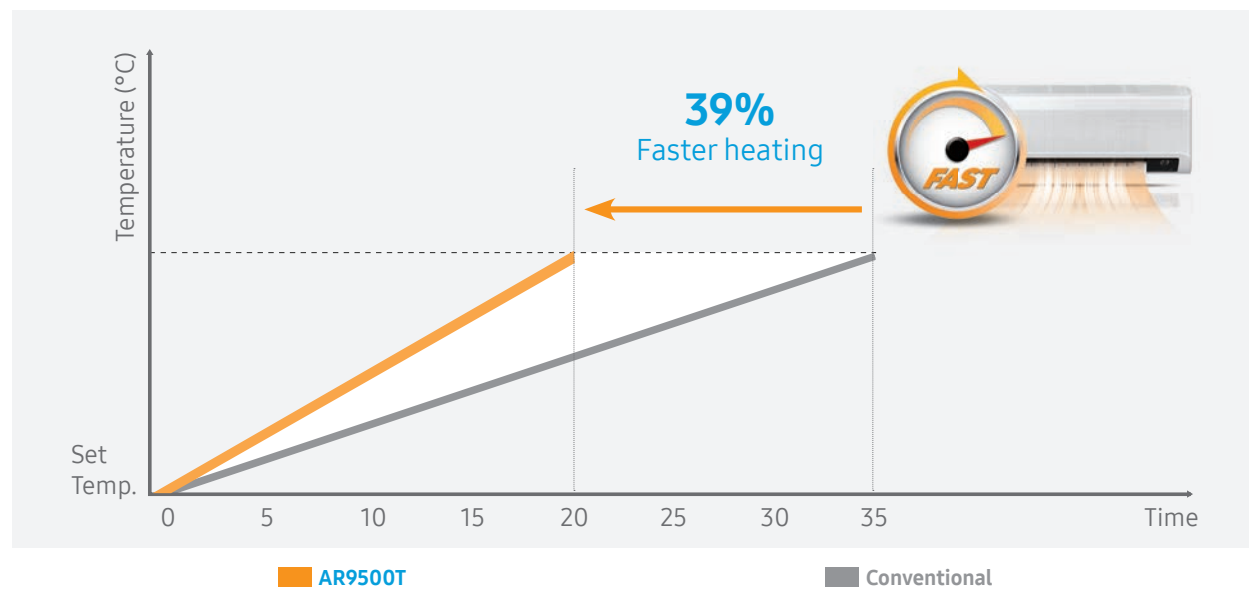
# Heating

## Fast Heating

Fast heating mode quickly distributes warm air to every corner of your room.



Fast heating mode



Fast heating mode quickly distributes warm air to every corner of your room. Because of the unique triangular architecture, it heats areas quickly, reaches desired temperatures faster than conventional models.

\* Internal test result.  
 \* Fast mode, When heating from 9°C to 20°C.  
 \* Tested on AR12TXEABWKNSA Compared with conventional AQ12EASER.

## Excellent Heating Performance Even at -25°C

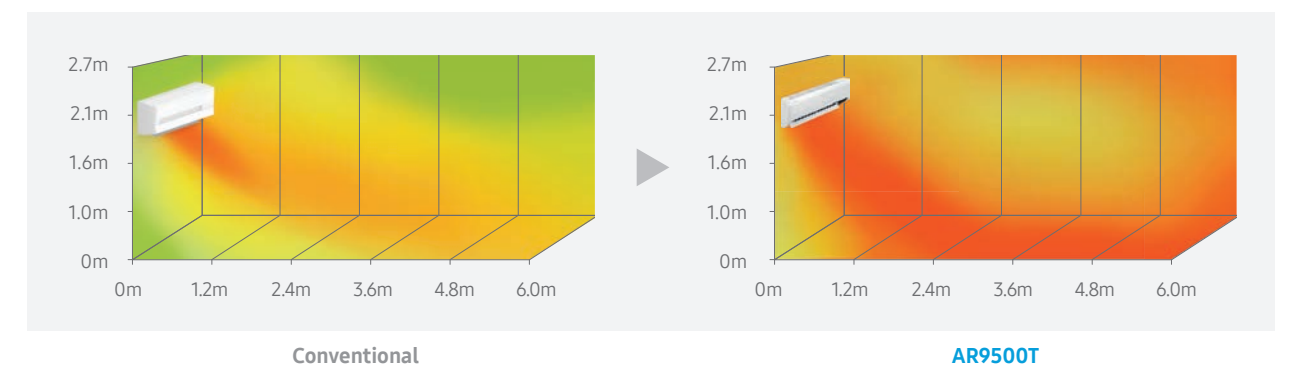
The outdoor unit is equipped with a base heater that prevents it from becoming frozen, and has additional drain hole to improve the drainage of any melted water. So even at -25°C, it continues working well in heating mode without freezing.



\* May differ based on the model & region.

## Heat Efficiency Comparison

Rooms reach the desired temperature faster than conventional models.





# Additional Features

## Auto Clean

Keeps the inside of the air conditioner clean and hygienic.

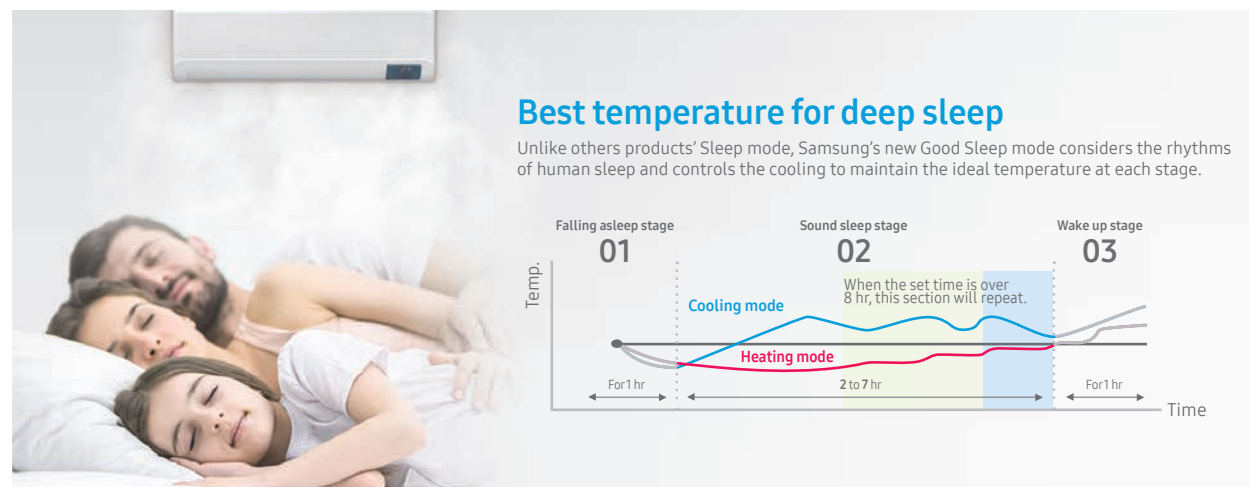


Keep the inside of your air conditioner hygienic without much effort at all! After it's been working, the Auto Clean function automatically dries the Heat Exchanger using a 3-step process. It removes moisture by blowing air for between 10 to 30 min. So it prevents the build-up of bacteria and odors.

\* Only available in Wind-Free™ models that have a humidity sensor.

## Wind-Free™ Good Sleep

Provides the right temperature with Wind-Free™ cooling to help you sleep more comfortably.



Get a really good night's sleep every night. The Wind-Free™ Good Sleep mode creates the ideal climate in your bedroom for sleeping – without an unpleasant cold air flow and using less energy compared to the Fast cooling mode. Its temperature control with Wind-Free™ cooling keeps you comfortable throughout the night. So you fall asleep fast, sleep deeply and comfortably, and wake up feeling fully refreshed and ready for a new day. And you may gain precious minutes of potentially lost sleep.

## Usage

Display energy consumption 0.1 ~ 99kWh. Energy consumption(used time) is calculated from the moment turning on.



## Display Off

Display lighting can be turned off using remote controller.

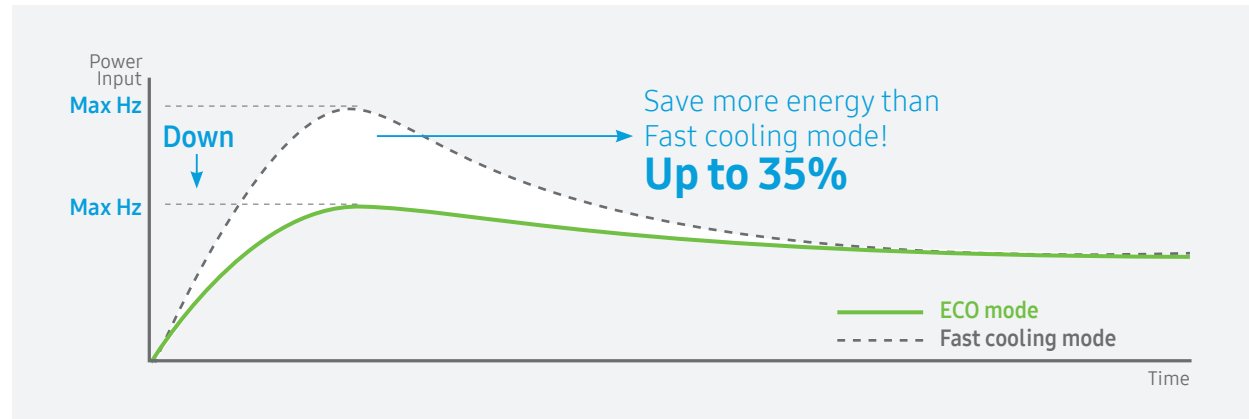




# Additional Features

## ECO Mode

Save energy, even when you're alone.

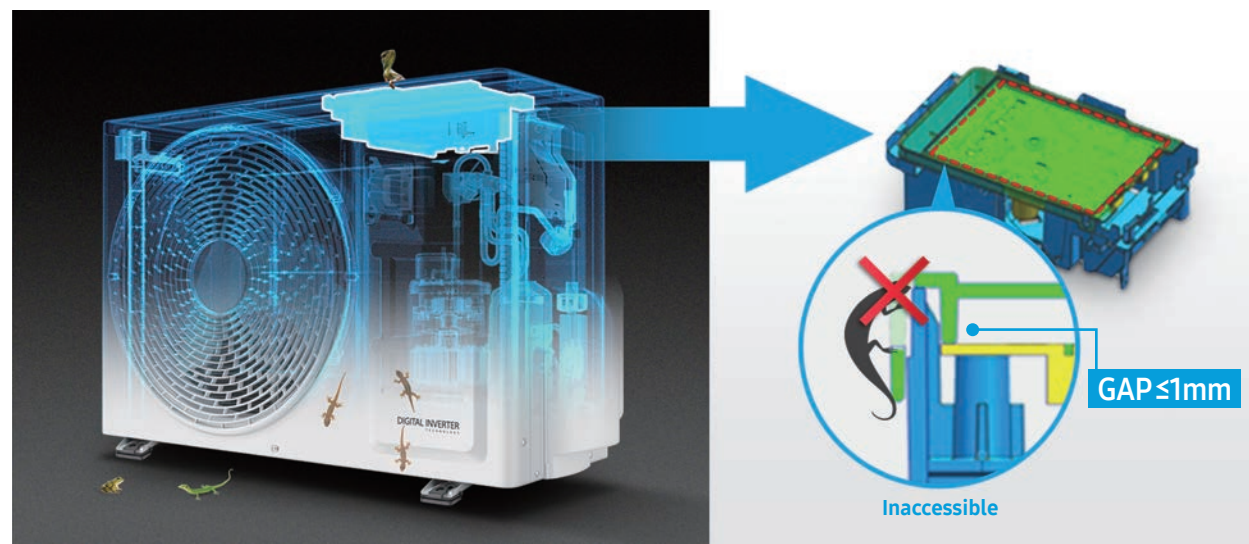


Save energy, but still stay cool. The ECO mode uses less compressor capacity compared to Fast cooling mode. This reduces energy consumption compared to conventional models\*, while still providing a cool and comfortable environment. It lets you cool efficiently when it's not too hot outside or just save energy and money at any time, so you don't have to worry about your electricity bills. And it even helps to avoid overloading your local electricity network during a hot summer.

\* Tested on AR07T9170HA3, based on the power consumption of Fast Cooling mode vs. ECO mode.

## Lizard Proof

Anti-Lizard outdoor structure to protect PBA.



Rib design structure with gaps smaller than 1mm prevents small animals from invading inside the PBA. (Printed Board Assembly)

## 10 Year Warranty Compressor

The Digital Inverter Compressor provides more credible durability with its 10 year warranty.



Even more guaranteed with 10 year warranty on the Digital Inverter Compressor.

\* The warranty policy may vary based on the model & region.

## Durable in High Temperature

Digital Inverter with durable compressor, It can maintain cooling performance even at 68°C.



Samsung Digital Inverter with durable compressor, it can maintain cooling performance even at 68°C\*\*. So, you can stay comfortably cool without worrying about malfunctions due to extreme heat.

\* Only for extreme climate region.

\*\* Based on internal testing of compressor UG9TK3150F and UG91TK2150F.



# Additional Features

## Auto Change Over

Change over automatically selects the operating mode. (cooling or heating)



The Auto Change Over automatically selects the operating mode (Cooling or Heating) according to the temperature setting. Thus, when a temperature is selected in the auto mode, the air conditioner heats and cools as required to maintain the set temperature.

## 4-Way Swing

Control the wind direction Up/Down, Left/Right using remote controller. Control the wind to your desired location.



\* May differ based on the model & region.

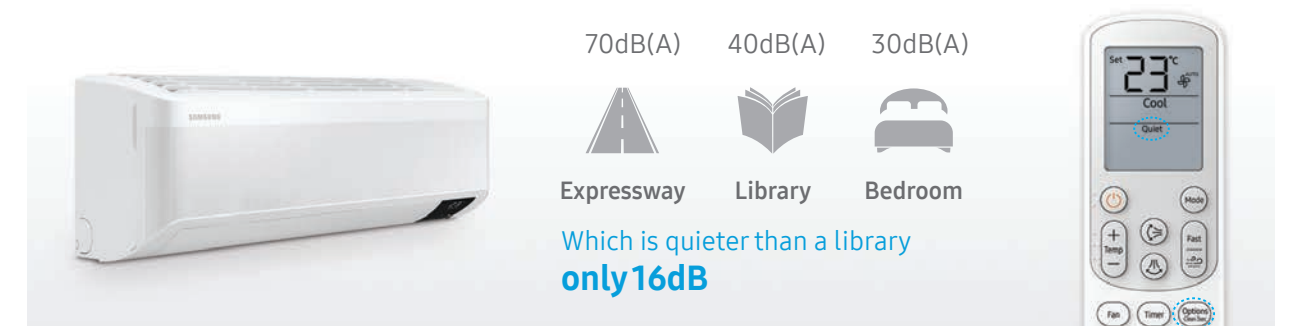
## Temperature Display

A numerical and intuitive icon display helps you know the temperature and functions easily.



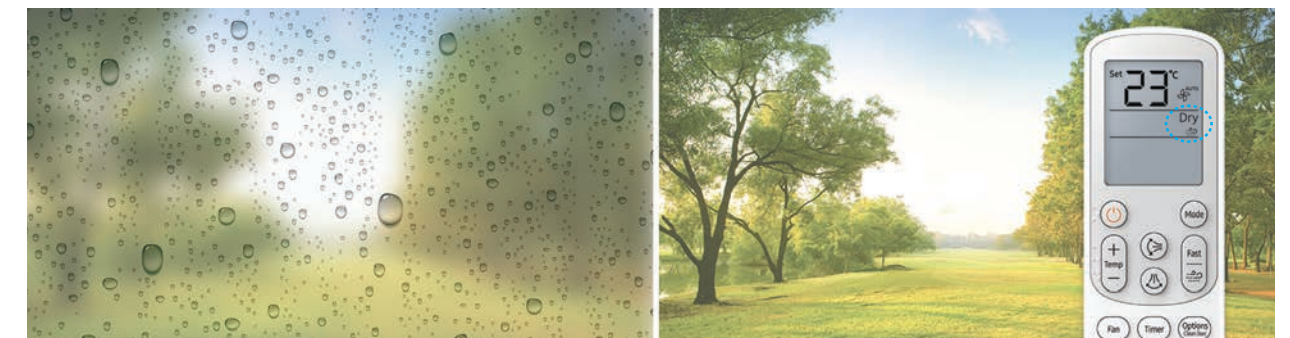
## Quiet Operation

Samsung air conditioner work much more smoothly and quietly its stable operation produces less vibration and noise.



## Wind-Free™ Dry Mode

When the humidity is high, keep the air in the room comfortable with Wind-Free™ Dry mode.



When the humidity is high, Press 'Dry' mode. Using a humidity Sensor, it helps effectively dehumidify. If you add 'Wind-Free™' button on your remote controller, You can experience dehumidification without chilly wind.

\*Only Wind-Free™ models have a humidity sensor.

## Beep Off

Beep sound from the indoor unit can be muted using remote controller.





# Installation

## Easy to Install and Service

Simple modular design.



**A3050**



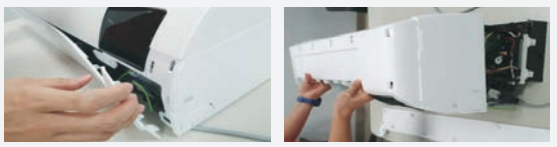
**Screw points**      **Need special tool**

A conventional bracket has to be fitted precisely on two fixed hooks. So you have to find the right location to hang it.

Assembled parts (6) / Screw points (5)  
**Installing time : 9.3 min**



**AR9500T**



**No screw points**      **No need special tool**

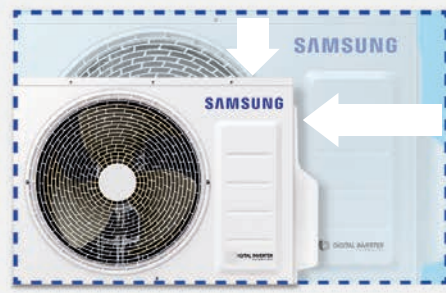
Samsung's roller type bracket makes mounting the unit much easier. Simply hang it on the unit and find the best place to install it by sliding the bracket from side to side.

Assembled parts (3) / Screw points (2)  
**Installing time : 5.1 min**

**45%** ↓

## Easy to Carry

Lighter weight outdoor unit makes it easier to carry and install.




**Compact outdoor unit**

Volume **104.6m<sup>3</sup>** → **27%** ↓ → **75.9m<sup>3</sup>**

Weight **27.6KG** → **18%** ↓ → **22.6KG**

\* Compared AR12TXFYAWKXEU model with AR12NXFHBWKXEU, Net size based.



**A3050 (828\*267\*265)**

**AR9500T (820\*299\*215)**

Volume **58.6m<sup>3</sup>** → **10%** ↓ → **52.7m<sup>3</sup>**

Weight **9.4KG** → **5%** ↓ → **8.9KG**

\* Compared AR12TXFCAWKNEU model with AR12NXWXCWKNEU, Net size based.

## Smart Install

Check for installation status to find out if there is any problems with any of the functions.



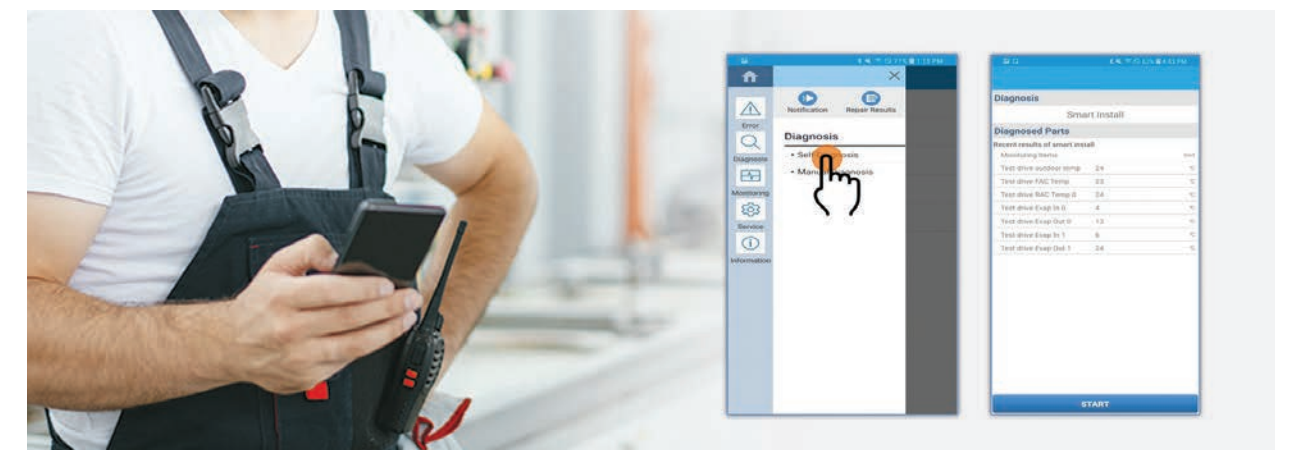
**Smart install check**

- Communication error between Indoor and outdoor units.
- Check service value.
- Check whether there is refrigerant flow or not.

\* To use Hass Application for Non WIFI model, installers have to buy cables to connect product.

## HASS

HASS application on your smartphone will help make your repairs easier.



When it broke down and Installer need to check in detail, HASS application on your smartphone will help make your repairs easier.



# Line Up

## Wind-Free™ Air Conditioner

### Wind-Free™ Elite



- Wind-Free™ Cooling
- Wi-Fi Control
- Aurora Lighting
- Temperature Display
- Motion Detect Sensor
- PM1.0 Filter
- 4-Way Swing

### Wind-Free™ Premium Plus



- Wind-Free™ Cooling
- Wi-Fi Control (Optional)
- Easy Filter Plus
- Temperature Display
- Motion Detect Sensor (Optional)
- Tri-Care Filter (Optional)
- 4-Way Swing

### Wind-Free™ Premium



- Wind-Free™ Cooling
- Wi-Fi Control (Optional)
- Easy Filter Plus
- Temperature Display
- Motion Detect Sensor (Optional)
- Tri-Care Filter (Optional)
- 4-Way Swing



## Inverter

### Premium Plus



- Wi-Fi Control (Optional)
- Easy Filter Plus
- Temperature Display
- Tri-Care Filter (Optional)
- 4-Way Swing (Optional)

### Premium



- Wi-Fi Control (Optional)
- Easy Filter Plus
- Temperature Display
- Tri-Care Filter (Optional)
- 4-Way Swing (Optional)



# Line Up



## Wind-Free™ Air Conditioner

### Wind-Free™ Premium Plus



- Wind-Free™ Cooling
- Wi-Fi Control (Optional)
- Easy Filter Plus
- Temperature Display
- Motion Detect Sensor (Optional)
- Tri-Care Filter (Optional)
- 4-Way Swing

### Wind-Free™ Premium



- Wind-Free™ Cooling
- Wi-Fi Control (Optional)
- Easy Filter Plus
- Temperature Display
- Motion Detect Sensor (Optional)
- Tri-Care Filter (Optional)
- 4-Way Swing

## Inverter

### Premium Plus



- Wi-Fi Control (Optional)
- Easy Filter Plus
- Temperature Display
- Tri-Care Filter (Optional)
- 4-Way Swing (Optional)

### Premium



- Wi-Fi Control (Optional)
- Easy Filter Plus
- Temperature Display
- Tri-Care Filter (Optional)
- 4-Way Swing (Optional)