

SAMSUNG

Bespoke AI WindFree

AI that truly saves and cools



Save up to **30%** energy with AI Energy Mode*

AI Fast & Comfort Cooling | SmartThings Home Care

Image simulated. *Based on internal testing on the AR07D9181HZ3 model under controlled laboratory conditions. Requires use of SmartThings App and Samsung account. Actual savings may vary by usage patterns and environment.

Our 52 year heritage

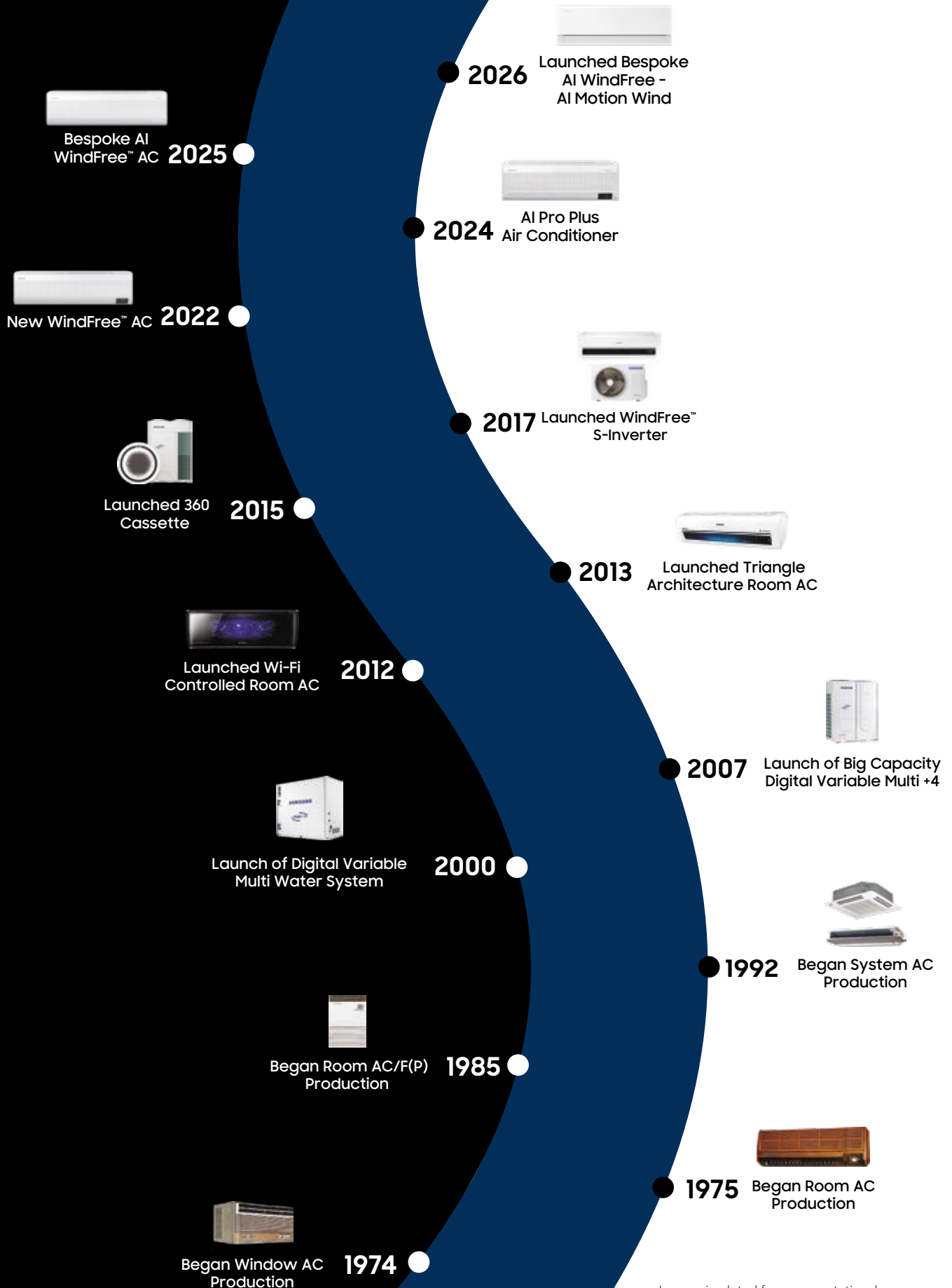


Image simulated for representational purposes only.

Worldwide recognition

Samsung, a global leader in smartphones and consumer electronics, has been recognised as India's Most Trusted Brand by TRA Research, a leading brand intelligence firm.



Most Trusted Brands for 4 years in a row (2016 - 2020)

The Most Trusted Brand Awards recognise India's fastest-growing and most influential brands. The ranking highlights companies that have significantly contributed to the country's progress and continue to lead their respective consumer markets.



Efficiency and Innovation Awards 2018

Organised by Fiera Milano International, the Mostra Convegno Expocomfort (MCE) / Expobagno awards recognise products that demonstrate outstanding energy efficiency and innovation. Samsung's Digital Inverter 8-Pole technology was honoured under the 'Beyond Class A' initiative for its advanced performance.



CES Innovation Awards 2017

The CES Innovation Awards recognise products that excel in design and technological advancement. Evaluated by industry experts and the Consumer Technology Association, Samsung's AR9500M air conditioner received the 2017 honour for its innovative WindFree™ Cooling technology.



iF Product Design Awards 2016

iF Product Design Award is one of the world's most respected design competitions. Samsung's 360 Cassette System Air Conditioner received the 2016 award for its innovative design and exceptional performance.

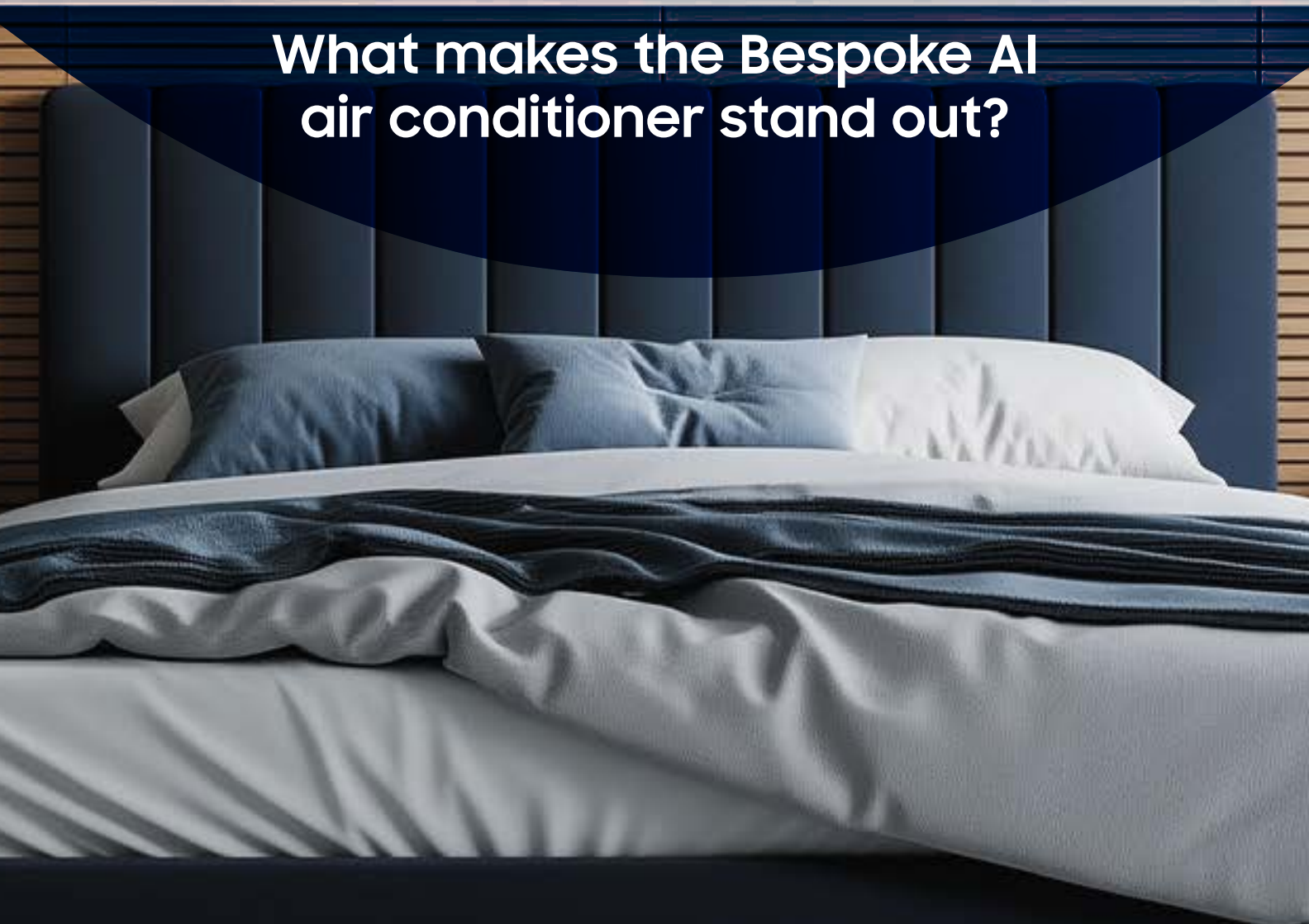


International Design Excellence Awards 2017

Founded by the Industrial Designers Society of America (IDSA), the International Design Excellence Awards (IDEA) celebrate design that improves quality of life and drives economic impact. Samsung's Floor Standing Air Conditioner received the Silver Award in 2017.



**What makes the Bespoke AI
air conditioner stand out?**





Ensuring Comfort



AI Fast & Comfort Cooling

It analyses your usage patterns and room conditions to turn on Fast Cooling. After lowering the temperature, it switches to WindFree™ mode.



WindFree™ Cooling

Stay cool without feeling a cold draft. Its advanced air flow structure gently disperses air through 23000 micro air holes.



WindFree™ Wearable Good Sleep

It links wearable smart devices with your air conditioner. In case you fall asleep, it automatically turns on WindFree™ Cooling.



WindFree™ Low Noise

In the WindFree™ mode, the air conditioner runs at low air speed, generating less air friction and noise.

Efficient Performance



WindFree™ Energy Saving

It reduces energy consumption by not blowing powerful blasts of cold air. Consuming up to 77% less energy than Fast Cooling mode.



AI Digital Inverter Control*

It analyses the usage patterns, external conditions, and air conditioner's operating status to precisely control compressor's frequency.



5-step Convertible Mode

It allows you to adjust compressor operation as per your need and helps save energy.

Effortless AI Living



Quick Remote

When you are near the air conditioner, a Quick Remote pops up on your smartphone that lets you control the device.



Map View

Monitor and control all your air conditioners wherever you are using 3D Map View in the SmartThings App.



SmartThings Home Care

With Home Care, your air conditioner diagnoses any operational issues. So, you can address maintenance needs in time and live hassle-free.



Smart Forward

It keeps your air conditioner up-to-date with the latest features, so it works just like the latest products.

Long Lasting & Durable



10-Year Warranty

The inverter compressor is designed to work efficiently for a long time and is backed up by a 10-year warranty[^].



Coated Copper Tube

It has 7.5x better corrosion resistance, protecting it against harmful environmental conditions, keeping the indoor unit working for a long time.



Durafin™ Ultra

It has anti-corrosive and hydrophilic layers that prevent rust from forming on the Heat Exchanger.



Cools even at 58°C**

Stay cool in extremely hot weather with Samsung air conditioner, which continues cooling inside your home even when the outside temperature reaches up to 58°C (136°F).



Triple Protector Plus

This technology prevents damage from power surges and fluctuating electrical currents, without a separate voltage stabiliser.



WindFree™ air conditioner with AI technology and Motion Wind

Keeps you intelligently cool with AI-analyzed data and a variety of tailored airflow patterns. Keeps you intelligently cool with customized wind patterns and AI-driven analysis of user and environmental conditions.

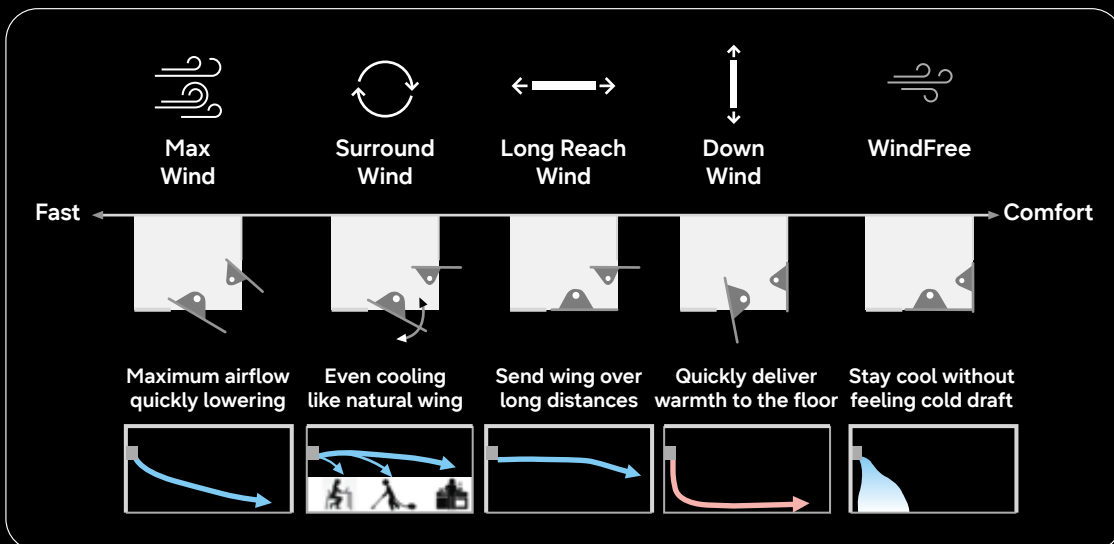
Motion Wind

Precisely tailored winds, just for you.

Experience a variety of five tailored wind modes, ranging from Turbo to WindFree™. Max Wind mode opens outer wings fully to provide instant cooling 15% faster*. Surround Wind creates a natural breeze that evenly reaches every corner; Long Reach Wind sends cool air twice as far across the room**. Down Wind rapidly pushes hot air downward for quick comfort. Finally, enjoy gentle coolness with WindFree™.



Motion Wind with **5 Motions**



T&C apply. Image simulated for representational purposes only. *Based on internal testing on the AR70H12CAAWNER compared with the Samsung conventional AQ12EASER model. Installation area of 68m² at 35°C, standard outdoor cooling condition. Time taken for indoor temperature to drop from 33°C to 25°C in Max mode. Values may vary depending on the actual testing conditions and environment. **Based on internal testing on the AR70H12CAAWNER compared with the AR12TXCAAWKEU old model. Installation area of 326m² (positioned at 2m height) at 35°C, standard outdoor cooling condition. Distance of airflow reach measured during cooling operation, at maximum airflow and the highest blades position setting.



Motion Wings

Triple Motion Wings

Tailored wind crafted by Triple Motion Wings

Enjoy a variety of wind types to keep you more comfortably cool. Three innovative Motion Wings form a distinctive air outlet system*. The redesigned blade assembly enlarges the air inlet by 10% and discharges air 15% faster**, while providing twice the adjustment range for vertical and horizontal angles***. In WindFree™ mode, the blades use integrated micro-holes to boost and evenly distribute cooling.

Triple blade with WindFree Hole, which takes into account user preferences and space, creates a variety of 5 motions winds with AI added.



Triple Blade (WindFree Hole O)

Intake area increased by 10%



New Platform capable of powerful airflow control

Discharge area doubled

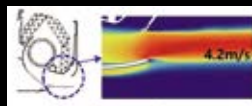
*Compared with the current product (AR9500T)

Conventional



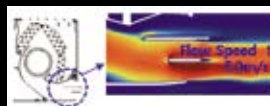
VS

AR80H



- Blade Angle : 30~85°
- Fast & Comfort Cool

X2



- Front Blade Angle : 0~90°
- Lower Blade Angle : 70~0°
→ More Wide Range
- Diverse Winds (7 Motions)
- 19% Increase in flow speed!

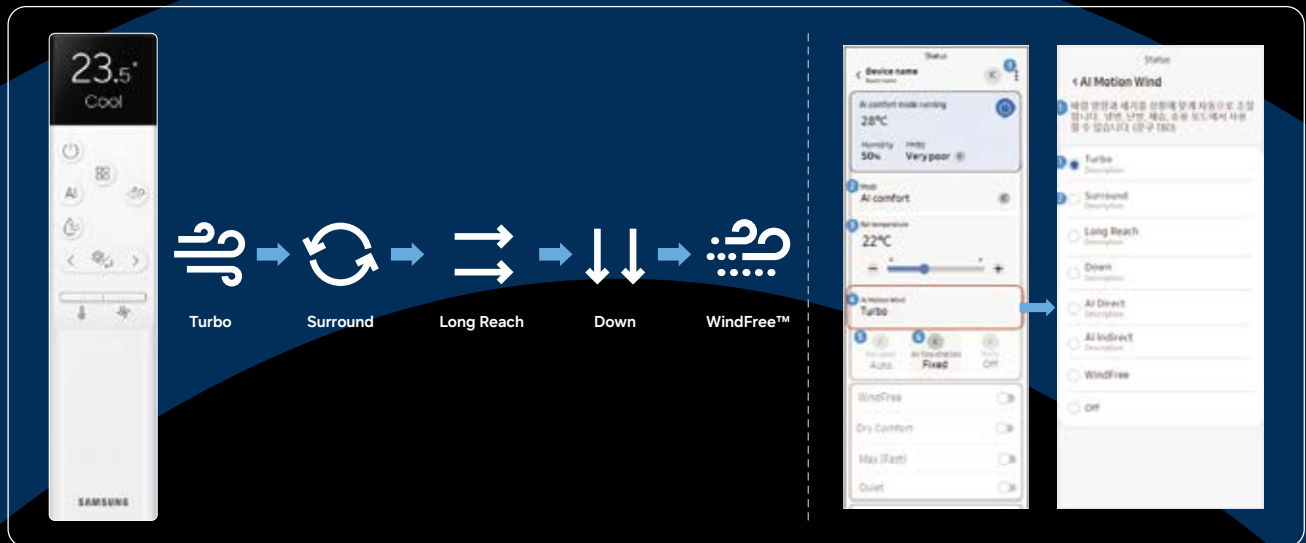
Benefit

Compared to conventional AR9500T, a triple blade can create a wider range, and provides a 15% faster** flow rate than the current one.

Image simulated for representational purposes only. *Motion Wings consist of two outer blades (top and bottom) and one inner blade (middle). **Based on internal testing on the AR70H12CAAWNEU model compared with AR12TXCAAWNEU. ***The blade motion range has been expanded from 30~80°(45°) to front 0~90° and bottom -70~0°.

How to use AI Motion Wind

Remote control : You can select it by pressing the AI Motion Wind button. SmartThings : You must download the Samsung SmartThings App and connect the air conditioner to your home Wi-Fi. After the setup is complete, 7 winds can be selected through the AI Motion Wind in the ST app.



15%
Faster cooling*

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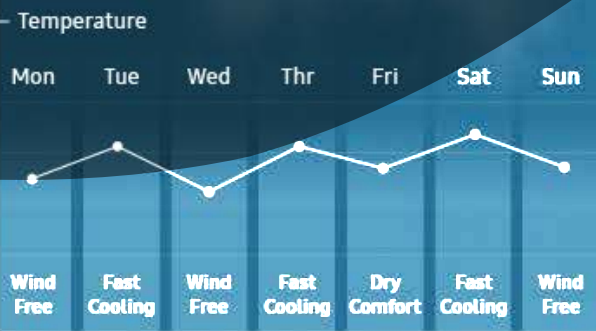
Fast Cooling

WindFree™ Cooling



AI

- Cooling Area
- Indoor Temperature
- Setting Temperature
- Outdoor Temperature
- Operating Time
- Usage Pattern



Fast and comfortable tailored cooling

AI Fast & Comfort Cooling

AI* analyses indoor and outdoor temperature, humidity, and even room size to automatically activate tailored cooling. Fast Cooling for instant cooling, WindFree™ for comfortable cooling and Dry Comfort for cold-free pleasant environment. AI will continuously monitor and learn your usage patterns** to provide customized cooling. The more you use it, the better it will suit your needs.

T&C apply. Image simulated for representational purposes only. *To use AI Auto Cooling a Wi-Fi connection and Samsung account SmartThings are required. **SmartThings server stores user data, preferences and usage patterns to suggest the most useful options.

Fast Cooling

Cools up to 43% faster[^] from corner to corner, so you always feel cool.

First, the WindFree™ air conditioner cools the room with its Fast Cooling mode. When it reaches the desired temperature, it automatically changes the mode to WindFree™ Cooling.



Fast Cooling Benefits

- Ideal for quickly cooling the room on returning home.
- Useful during extremely hot days for immediate relief.
- Perfect for cooling down spaces before guests arrive.



WindFree™ Cooling

Get cool fast. Stay cool without direct wind.

With WindFree™ Cooling mode, cool air is gently dispersed across the room through 23000 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, you can be pleasantly comfortable without a draft that makes you feel cold.

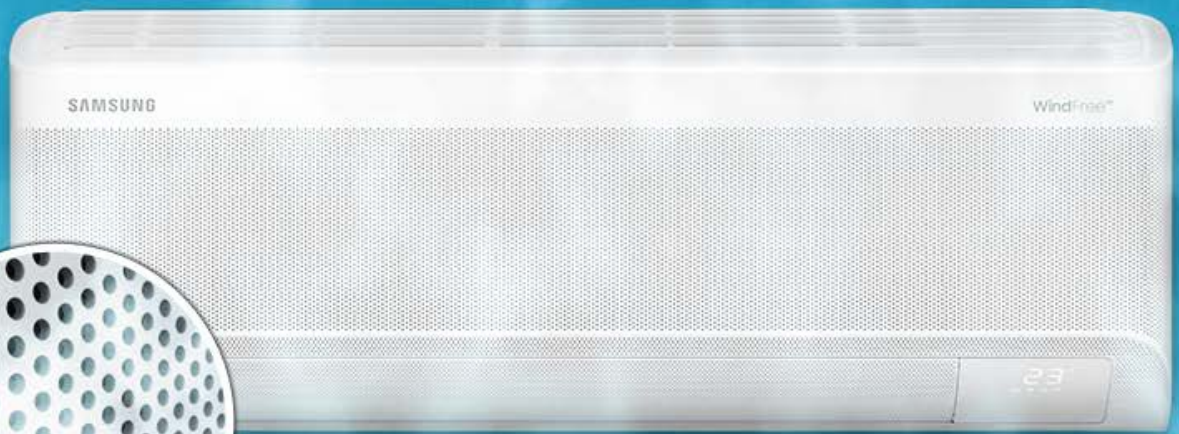


Comfort Cooling Benefits

- Great for maintaining consistent temperatures while sleeping.
- Ideal for people sensitive to direct cold air drafts.
- Perfect for long hours use.
- Gives gentle cooling & energy efficiency.



Image simulated for representational purposes only. [^]Based on internal testing on the AR12TXCAAWKEU model compared with the Samsung conventional AQ12EASER model, measuring the time taken to reduce the room temperature from 33°C to 25°C. [#]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.



23,000
Micro Air Holes

Comparison of discharge areas



Conventional



WindFree™

Stay comfortably cool

WindFree™ Cooling

Stay comfortably cool without feeling cold draft using WindFree™ Cooling. Its advanced air flow structure gently and evenly disperses air through the 23,000 micro air holes covering the entire front panel. It creates a "Still Air" environment*, so it cools an entire room without creating cold spots or the unpleasant feeling of a cold wind being blown directly onto your skin.

Image simulated for representational purposes only. *ASHRAE (American Society of Heating, Refrigerating, and Air-Conditioning Engineers) defines "Still Air" as air currents at speeds below 0.15m/s that lack the presence of cold drafts.

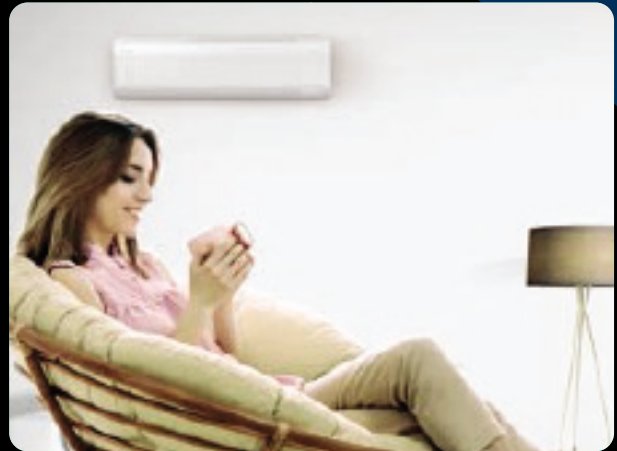


WindFree™ Energy Saving

Save energy and you can still stay comfortably cool. Samsung WindFree™ air conditioners can conveniently and efficiently satisfy your cooling needs using a wide range of air flow controls. WindFree™ mode reduces unnecessary energy consumption, as it doesn't have to keep blowing powerful blasts of cold air like a normal cooling operation. So, it consumes up to 77% less energy than Fast Cooling mode*.

Comfortable Cooling

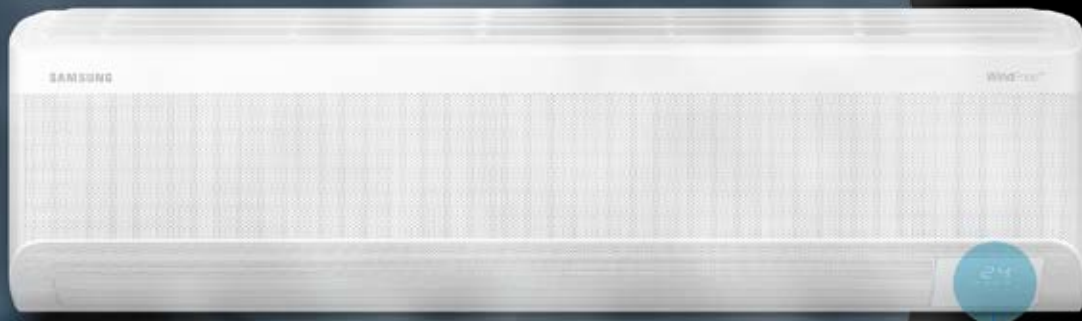
Stay cool without feeling cold using WindFree™ Cooling. An advanced air flow structure that gently and evenly disperses air through 23000 micro air holes covering the entire front panel. It creates a "Still Air" environment** with a very low air speed. So there is no unpleasant feeling of cold wind.



WindFree™ Low Noise

Feel comfortably cool without disturbing your daily life, no matter where you are or what you are doing. WindFree™ air conditioners have an advanced airflow structure that gently and uniformly disperses air through thousands of micro air holes covering the entire front panel. As a result, very low air speed generates less air friction and noise^ compared to the normal cooling operation, which blows a strong current of air through a single outlet.

*Based on internal testing on the AR07B9350MA3 model in accordance with Samsung protocols. Results provided to and interpreted by Intertek, comparing the power consumption of Fast Cooling mode vs. WindFree™ Cooling mode. Results may vary depending on the actual usage conditions.
 **ASHRAE (American Society of Heating, Refrigerating, and Air-Conditioning Engineers) defines "Still Air" as air currents at speeds below 0.15m/s that lack the presence of cold drafts. ^Based on internal testing on the AR12TXCAAWKNEU model. WindFree™ mode generates only 23dB of noise, compared to 26dB with the Samsung conventional model.



Wearable Gears



WindFree™ Wearable Good Sleep

Enjoy a really good night's sleep every night. The WindFree™ Wearable Good Sleep mode is linked to wearable smart devices*, like the Galaxy Watch and Ring. When they detect that you are asleep, it automatically turns on WindFree™ Cooling and adjusts the cooling performance to suit your sleep pattern and create the ideal climate for a deep and pleasant sleep throughout the night**. And at a time set in an alarm in the SmartThings App*** it automatically turns off to help you sleep comfortably.

*It can be used when linking a Samsung smartphone with Samsung software One UI version 4.0 or later and a wearable device that supports Wear OS: Galaxy Watch 4 or later, Fit 3 or later, Galaxy Ring. **You must download the Samsung SmartThings App on the wearable device and connect the air conditioner to your home Wi-Fi. You can set it in the Samsung Watch App's 'Sleep well with smart devices' or Settings > Mode and routine > Sleep menu, and you must wear the device while sleeping. SmartThings is optimized for Samsung smartphones and Galaxy Watches, and some functions may be limited when used on smartphones and watches from other manufacturers. ***Available on Android and iOS devices. A Wi-Fi connection and a Samsung account are required.

Compatible Devices



Smart Watch
Galaxy Watch 4 /
Fit 3 or later

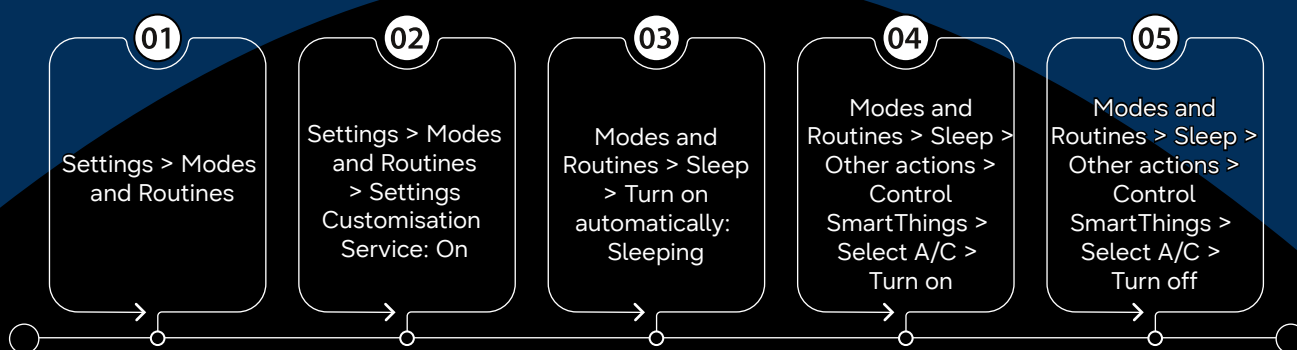


Mobile
One UI 4.0 or later
(Only Samsung)



RAC
Samsung WindFree™ AC
with Wi-Fi Connectivity

How to connect



Optimum Good Sleep Condition

	Into Sleep	Deep Sleep
Temperature	Indoor temperature 24°C -26°C	
Humidity	Indoor humidity 40-60%	
Indoor air quality	Carbon dioxide concentration: 900ppm Air conditioning (ventilation): 0.15m/s (max 0.8m/s)	
Sound	Natural sound, ASMR 40-50dB	Noise 30dB or less
Light	Red (1900K) preferred colour 5-10 lux	Off/Block (5 lux)
Vibration	0.5-1Hz	

Smart energy use savings

AI Energy Mode

Cools effectively using AI to reduce your air conditioner's energy use by up to 30%*.

Cool efficiently using AI to reduce energy use. AI Energy mode uses AI to analyse your usage patterns and the indoor and outdoor conditions, and controls the air conditioner's operation to save energy. It prevents sudden stops or increases in the compressor's frequency and keeps it working stably at a low frequency without overcooling, reducing energy consumption by up to 30%* compared to AI Auto Cooling. It can also switch to Energy Saving Mode if your energy usage exceeds a pre-set threshold.

AI saves actual energy.



SmartThings

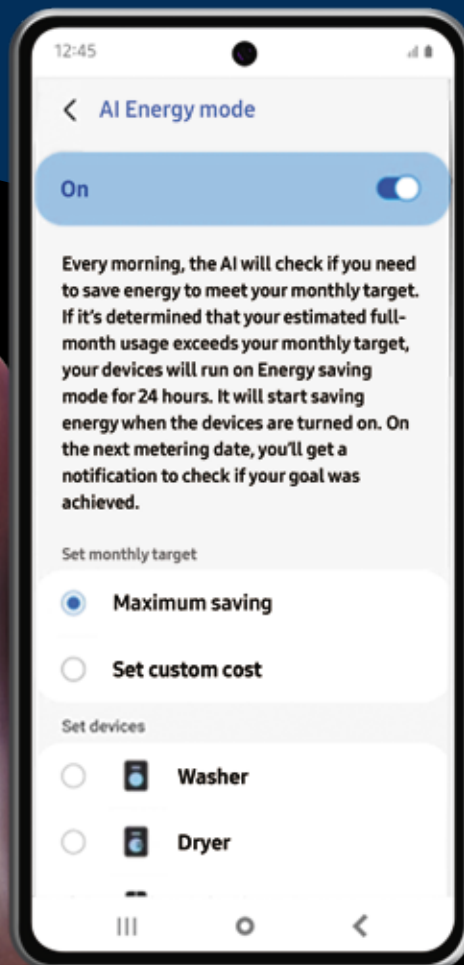


Image simulated. *Based on internal testing on the AR07D9181HZ3 model under controlled laboratory conditions. Requires use of SmartThings App and Samsung account. Actual savings may vary by usage patterns and environment.

High Efficiency Comp

AI Inverter Control

Up to **30%** Energy Saving*

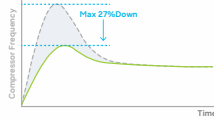
High-efficiency H/W and AI Micro Control of compressor frequency and consumption reduces actual energy by up to 30% (strengthening actual use reduction rate).



How does it work

- Operating at a lower frequency than the normal frequency (Adjust max 27% lower than normal frequency).

Compressor Frequency Control



- Energy saving by raising the set temperature by ± 2 degrees based on user's preferred temperature through pattern learning.

Setting Temperature Variable Control



Monitor

Keep track of your energy usage.

Save

Set monthly targets to save energy.

Report

Get an overview of your energy consumption.



*Based on internal testing on the AR07D9181HZ3 model under controlled laboratory conditions. Requires use of SmartThings App and Samsung account. Actual savings may vary by usage patterns and environment.



AI

Analyzes your usage patterns by AI indoor and outdoor conditions, and continuously sense the air conditioner's operating status.



Automatic efficiency

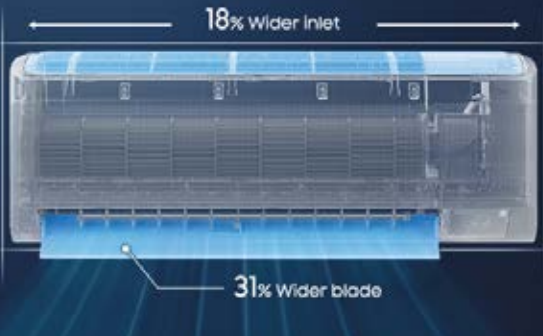
AI Digital Inverter Control

Cool quickly, quietly and efficiently. When using AI Auto Cooling mode, it analyses your usage patterns and the indoor and outdoor temperature and humidity, and it continuously senses the operating status of the air conditioner. It then precisely controls the operating frequency* of the Digital Inverter twin compressor. So it automatically maintains the preferred temperature and reduces energy consumption without any manual adjustment.

*A Wi-Fi connection is required. Only available when AI Auto Cooling mode is selected.

Benefits of AI digital inverter control

43% Faster Cooling



Cools you faster

Fast Cooling

Cool rooms rapidly. The twin compressor works stably at any speed, as its two cylinders rotate alternately. The BLDC motor's Neodymium magnets are 3x stronger than normal, which generates powerful and rapid rotation. So it cools the air 43% faster* and disperses cool air farther and wider**.

Save energy cooling

Energy Saving

Save energy but stay comfortably cool with highly energy-efficient Digital Inverter Boost technology. It maintains the desired temperature without frequently turning off and on, so there is less fluctuation. And it enhances its power usage when cooling, which reduces energy use by up to 73%***.



Twin Muffler



Less noise at home

Low Noise

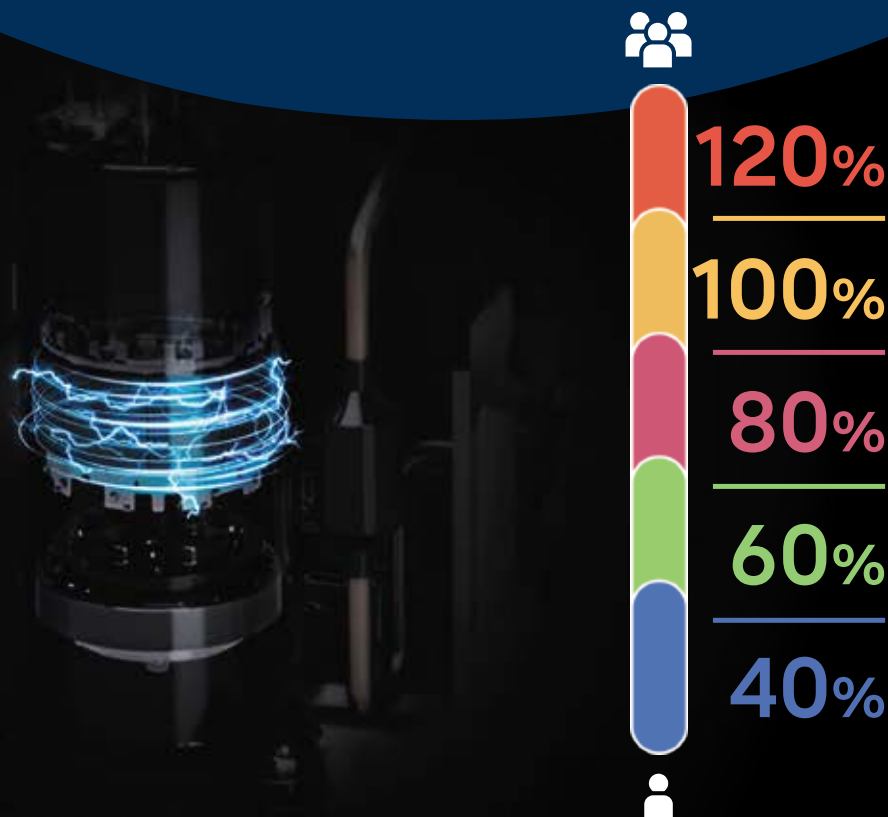
Cool your living spaces with less noise. The twin compressor creates 20 times less vibration than a single compressor. Samsung's patented Twin Tube Muffler also reduces refrigerant flow noise. And its WindFree™ operation reduces ambient noise, so there is a 40% reduction in detectable sound^.

*Based on internal testing on the AR12TXCAAWKEU model compared with the Samsung conventional AQ12EASER model, measuring the time taken to reduce the room temperature from 33°C to 25°C. **Based on internal testing on the AR24TXFCAWKNEU model. ***Based on internal testing on the AR09TXCAAWKNEU model compared with the Samsung conventional model AQ09TSLXEA. ^Based on internal testing. Generates a 40% reduction in the 1kHz noise band, which is the weakest level of sound that humans are sensitive to.

5-step Convertible Mode

Customised energy control to reduce energy consumption.

Save energy, but still stay cool. The air conditioner's 5-step Convertible Cooling* provides customised energy control by letting you adjust the compressor operation in 5 steps, from 40% to 120%, to suit your changing cooling needs. So when it is not too hot outside you can stay comfortably cool efficiently, using the minimal amount of energy**. You can also use it to reduce your daily energy consumption whenever you want.



*Only available when the air conditioner is in Cooling mode, but not in WindFree™ mode. **Based on internal testing on the AR24AY4YATAN compared with Samsung conventional models, measuring the power consumption of the Normal mode vs. 5-step Convertible Cooling mode. Tested based on the Cooling Standard (Out 35°C DB / 24°C WB, In 27°C DB / 19°C WB). The results may vary depending on the model, environmental factors and individual use.

How does it work?

5-step Convertible Cooling allows you to adjust compressor operation from 40% to 120%.

- Adapts to your changing cooling needs for optimal performance.
- Ensures minimal energy usage by adjusting as required.



Benefits

Energy Efficiency

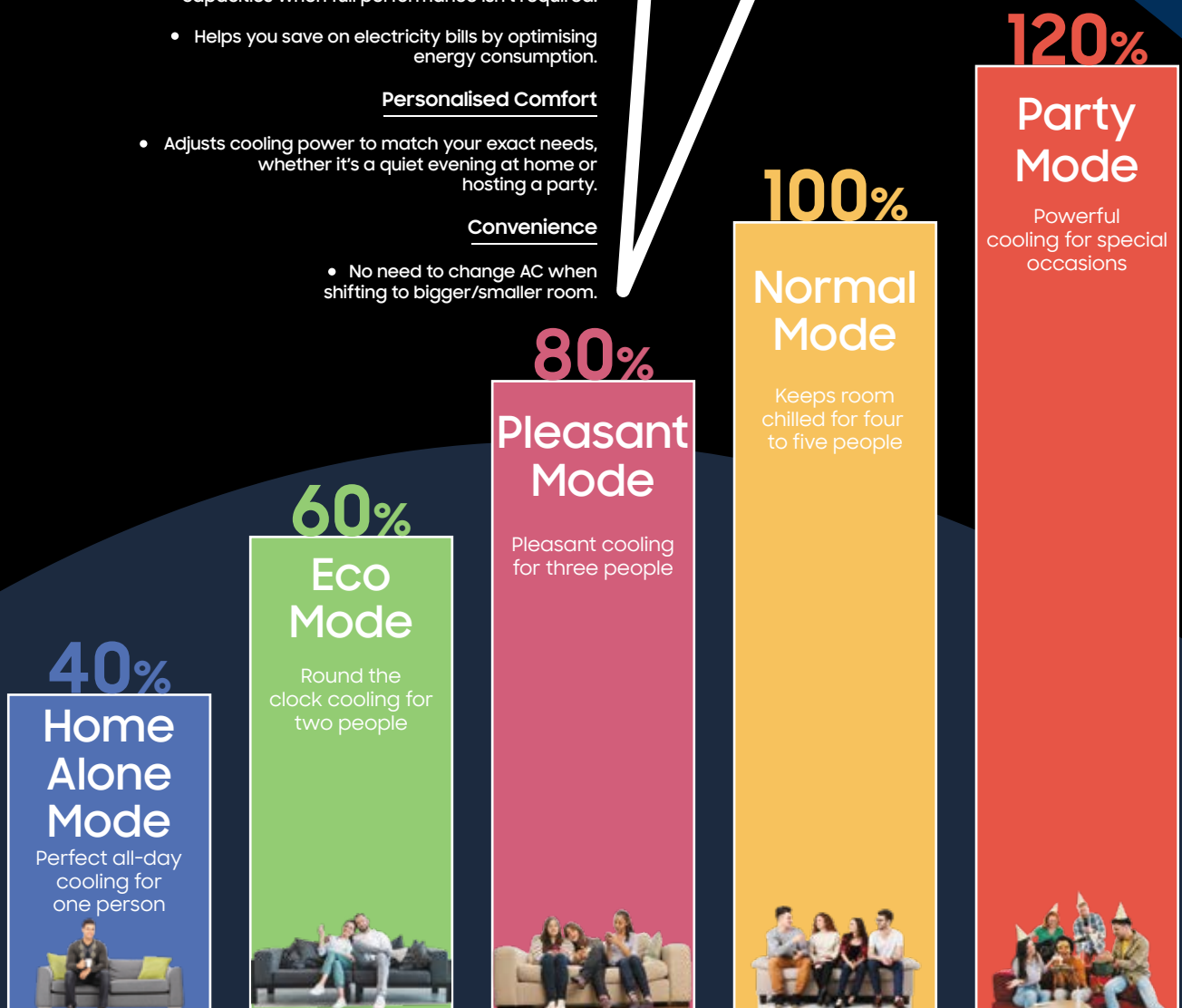
- Reduces power usage by operating at lower capacities when full performance isn't required.
- Helps you save on electricity bills by optimising energy consumption.

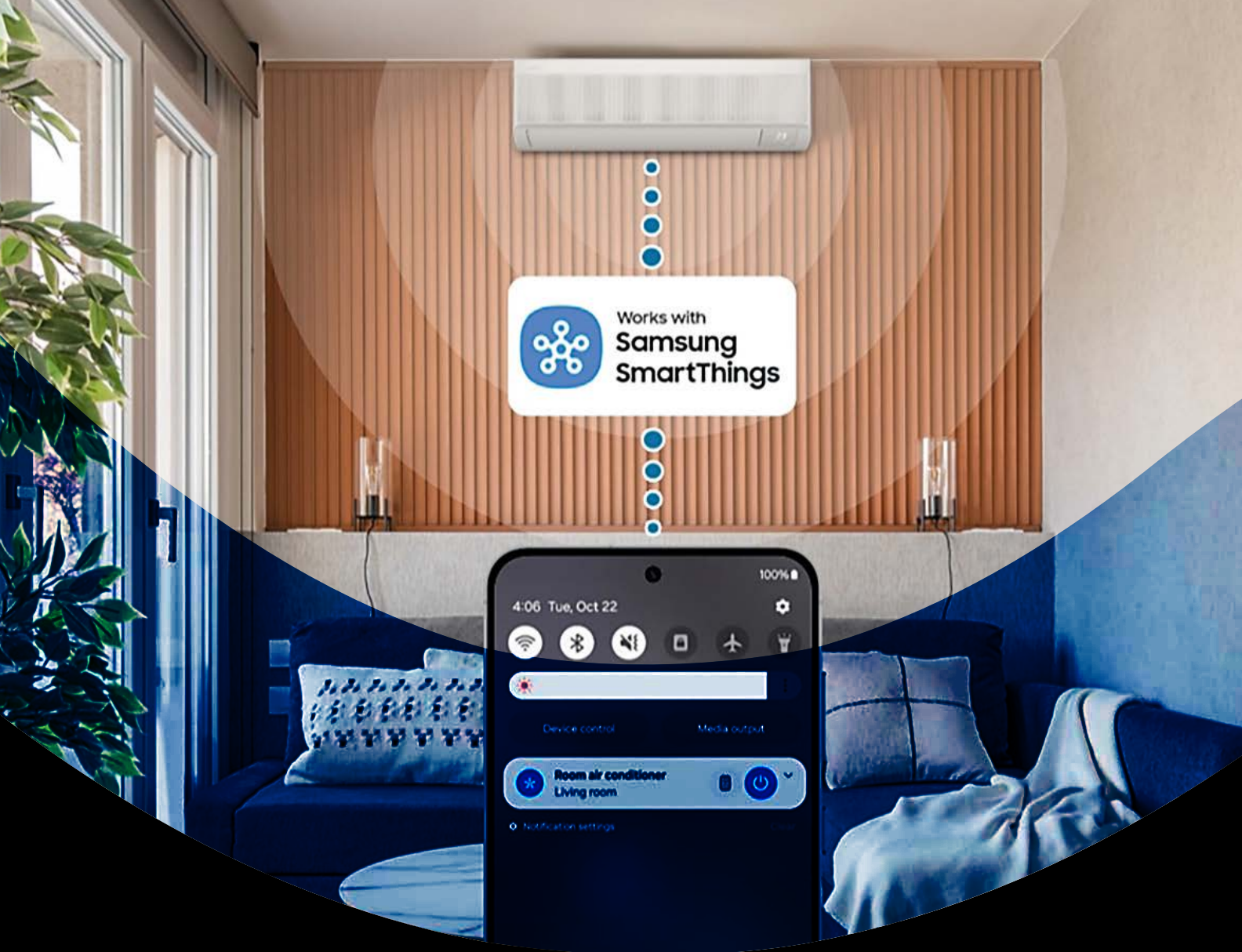
Personalised Comfort

- Adjusts cooling power to match your exact needs, whether it's a quiet evening at home or hosting a party.

Convenience

- No need to change AC when shifting to bigger/smaller room.





Get close. Turn on.

Quick Remote

Control the room temperature in your home quickly and easily using your Galaxy smartphone*. When you get close to the air conditioner**, the Quick Remote pops up on your phone*** to let you control its priority features, like on/off and start/stop****. So you can conveniently control your air conditioner directly from your phone and don't need to waste time finding the actual remote control.

*Only available when using Samsung Galaxy smartphones. A Wi-Fi connection and a Samsung account are required. **The air conditioner must be connected to the Wi-Fi network and registered in the SmartThings App. Only certain models of air conditioners manufactured in 2024 or later are supported. ***The automatic activation time varies depending on the user environment. ****The controllable functions of compatible devices may vary depending on their specification or the usage environment, especially B2B products and some special models manufactured in 2024.

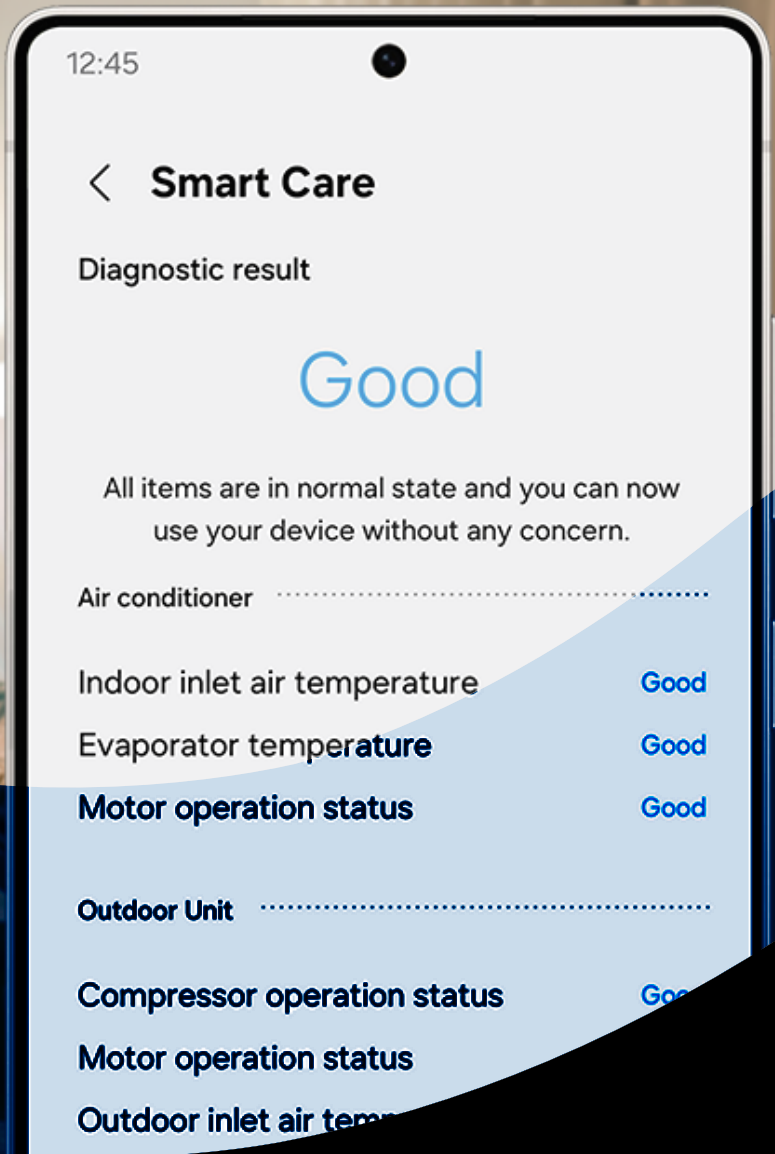
Visual control

Map View

Monitor and control all of the air conditioner in your home from wherever you are with a quick glance. Using Map View in the SmartThings App* on your smartphone, you can see a virtual 3D map of your home and various smart devices. You can turn them on/off, change settings and run preset routines. You can also monitor the air quality, room temperature and energy consumption of your air conditioner.



*Available on Android and iOS devices. A Wi-Fi connection and a Samsung account are required.



Smart management

SmartThings Home Care

Take care of your air conditioner easily, so it stays in good condition. Home Care, part of the SmartThings App*, uses artificial intelligence (AI) to detect abnormal behavior, so that you can address maintenance needs without an on-site service**. The AI diagnosis function checks its status and displays easy-to-understand information about any issues with major components, like the power/communication, sensors, motor, refrigerant and compressor, as well as the status of the pre filter.

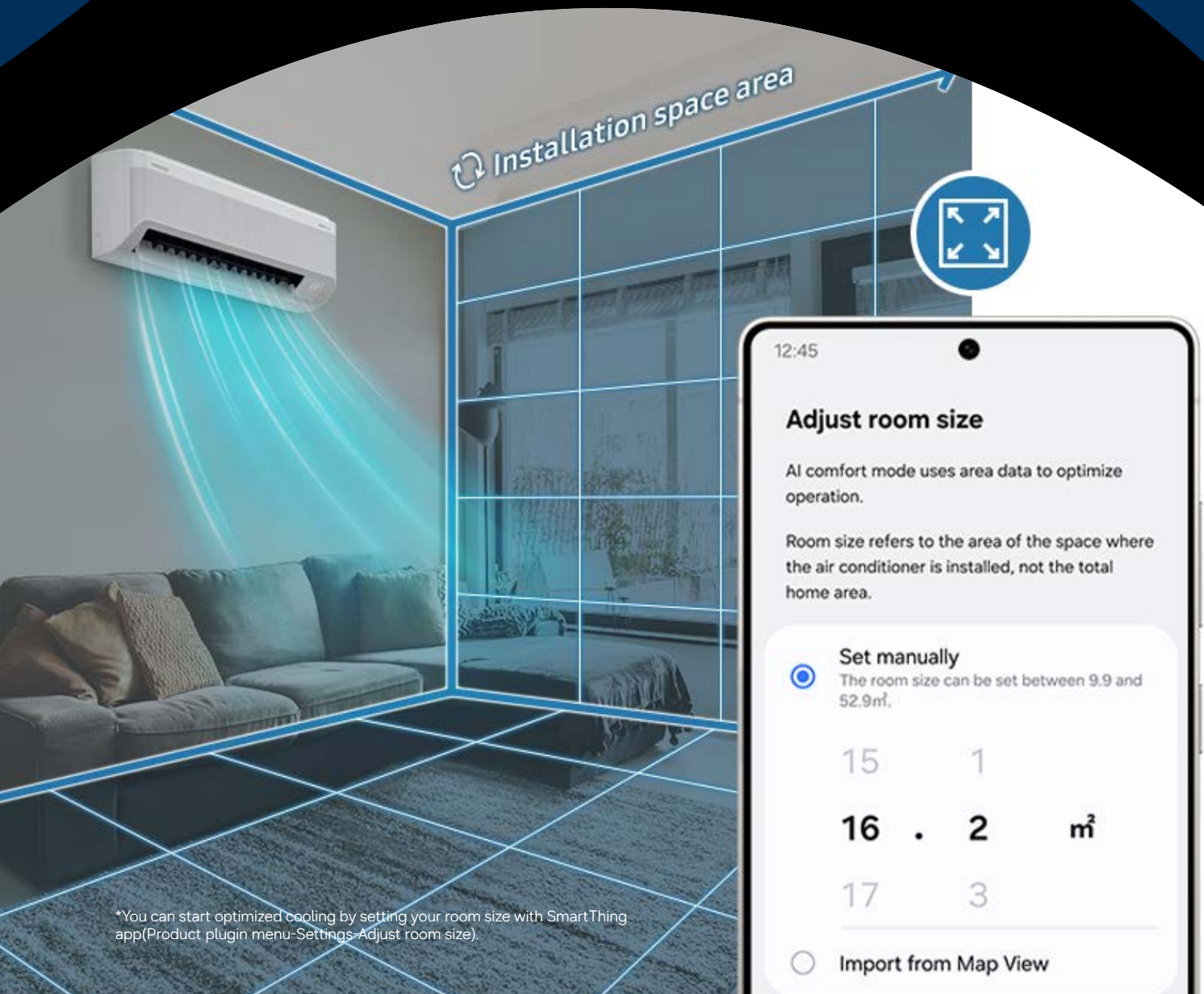
*Available on Android and iOS devices. A Wi-Fi connection and a Samsung account are required.

**Service callouts will occasionally be required and may incur extra repair costs.

Cooling based on space size

Space Optimised Cooling

By setting the size of your cooling area, it delivers optimised cooling tailored to the space and capacity*. It analyses the indoor and outdoor environment to adjust the room size, ensuring efficient cooling by providing just the right amount of air conditioning. Simply input the room size, and it will optimise the cooling without requiring complex settings.



*You can start optimized cooling by setting your room size with SmartThing app(Product plugin menu-Settings-Adjust room size).



Walk in. Feel cool.

Welcome Cooling & Away Care

Use your air conditioner efficiently and effectively when you arrive home or go out. The Welcome & Away Care function, part of the SmartThings App*, alerts when you get close to home** and sends you a message reminding you to turn on the air conditioner. So you can feel really comfortable as soon as you walk in the door. And when you leave** it will notify you if there is an air conditioner that is still working, so you can turn it off and save energy.

*Available on Android and iOS devices. A Wi-Fi connection and a Samsung account are required. **The Welcome & Away Care (energy saving notification) function uses smartphone Geofencing and GPS to determine whether you are close to your personal set location, and its performance may vary depending on the actual usage environment and the cooling function of each model.

Safe overload operation

Abnormal Overload-Detection

You don't have to worry about abnormal load operation any more. If an abnormal load is detected, such as the window or door not closed, the room temperature rising rapidly, or the outdoor unit room temperature being unusually high, then you will be alarmed and energy saving mode will be activated automatically*.



*It is available to set up and check in the SmartThings app, which is supported on Android and iOS devices. A Wi-Fi connection and a Samsung account are required.



AI Smart Control

Enjoy smart home with an app

The Samsung Connect App also lets you centrally control all your Samsung smart devices. You can easily check the list of connected devices, names and status with the app.

Control it anywhere

Samsung air conditioners offer Wi-Fi control using a Samsung Connect App on your smartphone, which lets you remotely turn it on and off, control the functions and schedule its operation at anytime and anywhere.

Monitor energy consumption

You can check the amount of electricity consumed daily, weekly or monthly. You can also limit the power consumption to ensure maximum energy efficiency.

Create your own mode

You can create your own air conditioning mode or rule. So, you can schedule your air conditioner to start in the morning or when you get home.



Voice control with Bixby, Amazon, Google

Operate your Samsung AC with your voice. Control a wide range of functions anytime, through Bixby^^, Alexa* or Google~ Home.

Bixby supports the following commands:

- Turn on (off) the air conditioner
- Turn on (off) the WindFree™ of the air conditioner
- Raise (lower) the temperature of the air conditioner
- Change the mode of the air conditioner to Dehumidification/Auto/Cooling/Heating
- Change the wind strength for the air conditioner to Auto/Low/Medium/High
- Check the temperature setting of the air conditioner
- Check the indoor temperature of the air conditioner
- Check the fan speed of the air conditioner
- Check the mode of the air conditioner

Alexa and Google support

- Turn on (off) the air conditioner
 - Set air conditioner to 25°C
- Set air conditioner to Cool (Dry/Heat/Purify/AI) - (Google voice device only)
- Set air conditioner speed to Auto (Low/Medium/High/Turbo/WindFree™) – (Google voice device only)



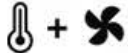
Hi, Bixby!
Turn on the WindFree™
of the air conditioner



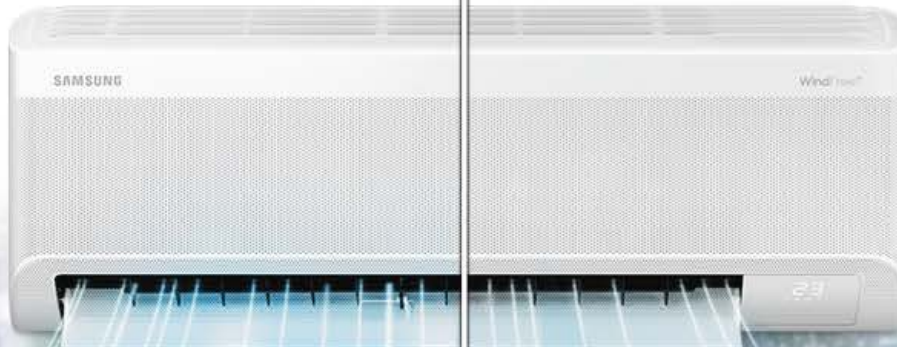
Works with
**Samsung
SmartThings**

*Amazon, Alexa and all related logos are trademarks of Amazon.Com, Inc. or its affiliates. ~Google is a trademark of Google LLC. ^^Bixby is Samsung's brand of Internet of Things (IoT) voice assistant. Bixby service availability may vary depending on country.

Conventional Dry Mode



Temp. Air Flow



Dry Comfort Mode



Temp. Air Flow Humidity



Comfort Drying

Comfort Drying for Cold-free Dehumidification

Enjoy comfortable dehumidification without feeling cold. Conventional dehumidification can cause a drop in room temperature, so you feel unpleasantly cold and have to keep changing the set temperature. Dry Comfort mode jointly analyzes the temperature and humidity using sensors and dehumidifies without overcooling by using fine-tuning technology to control the refrigerant flow rate. So you can maintain a comfortable temperature and humidity, which is ideal when sleeping or in the rainy season. With AI Fast & Comfort Cooling, Dry Comfort automatically maintains a comfortable temperature and humidity for you.

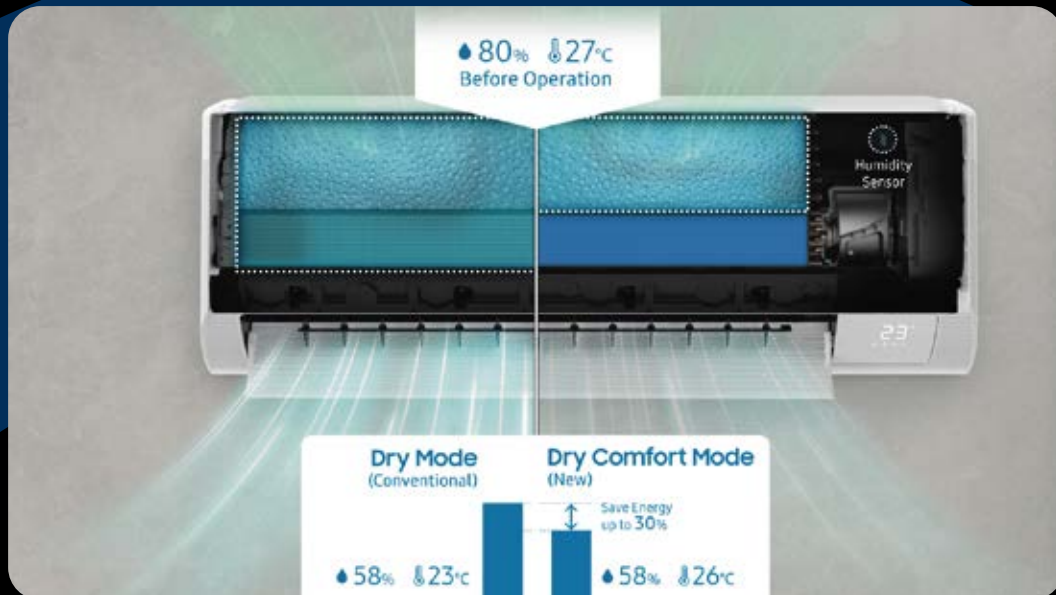


Scan to
know more

Reduces energy use

Comfort Drying for Energy Saving

Save energy dehumidifying. Dry Comfort mode just cools part of the Heat Exchanger, and only creates the amount of cold air needed for dehumidification. By only using the Heat Exchanger and compressor as much as necessary, it reduces energy use by more than 30%* compared to conventional systems.



Avoid feeling dry

Humidity Comfort Zone

Maintain the desired temperature without being uncomfortably dry. Dry Comfort mode controls the temperature and humidity to maintain a comfortable humidity of 30-60% without it feeling cold. And you can monitor the humidity on the SmartThings App^.

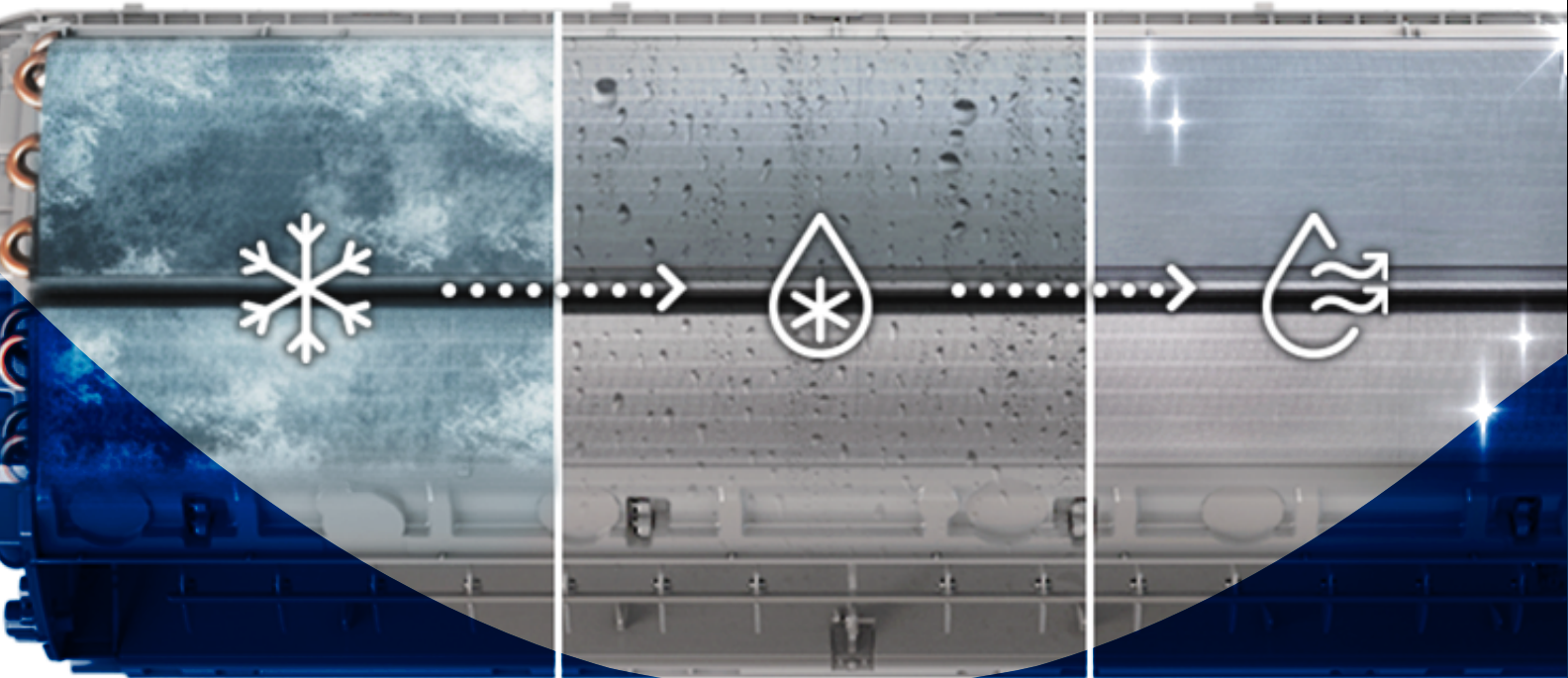


Image simulated for representational purposes only. *Based on internal testing comparing the Dry Mode and Dry Comfort Mode on the AR50F12C1AH/EU model. Tested in a 66m² chamber at 27°C(DB)/24°C(WB) over a 2 hour period and the power consumption compared when the relative humidity is below 60% for each Dry mode. => Tested by Intertek, based on testing comparing the conventional Dry Mode and new Dry Comfort Mode on the AR80F07D21WN model. Tested in a 68m³ chamber at 27°C (DB) / 24°C (WB) over 2 hours and the power saving rate is obtained by comparing each mode integrated power under the condition of maintaining indoor relative humidity below 60%, which is the comfortable humidity level. ^ Available on Android and iOS devices. A Wi-Fi connection and a Samsung account are required.

Freeze

Defrost & Wash

Dry



Quickly freezes the Heat Exchanger to cover it in frost

Blows in air that defrosts the ice, washes away dirt and 95% of microorganisms**

Dries up any moisture left

Maintain hygienically

Freeze Wash

Keep the air conditioner clean and hygienic. Freeze Wash* quickly freezes and then defrosts the Heat Exchanger. So it is washed in water, which removes dirt and contamination, including 95% of microorganisms**. Finally, it dries up any moisture. And it alerts you when it is time for a clean***.

How it works



1st Step (Freeze at -15°C)

Freezes the heat exchanger of indoor unit to cover it in frost



2nd Step (Defrost, Fan mode)

The wind blows in to melt the ice. A lot of water is created and pollutants in the heat exchanger are washed away.



3rd Step (WindFree™ Dry)

Dry up any moisture left on the heat exchanger



Scan to know more

*The Freeze Wash function is only available on certain WindFree™ models. **Based on internal testing in accordance with Samsung protocols. Results provided to and interpreted by Intertek. ***Only available on certain models that have Wi-Fi connectivity.



Stays fresh & hygienic

3-step Auto Clean

Keep the air conditioner hygienic by doing nothing! After it has been working, an Auto Clean function automatically dries the Heat Exchanger using a 3-step process*. It removes moisture inside by blowing air for between 10 to 30 minutes***. So it helps prevent the buildup of bacteria and odors.

Easy to clean filter

Easy Filter

Keep your air conditioner working efficiently with little effort. The Easy Filter is located outside, on the top, so it can easily be taken out and cleaned. It is made of a dense mesh, so it is very effective at capturing dust, which keeps the Heat Exchanger clean.

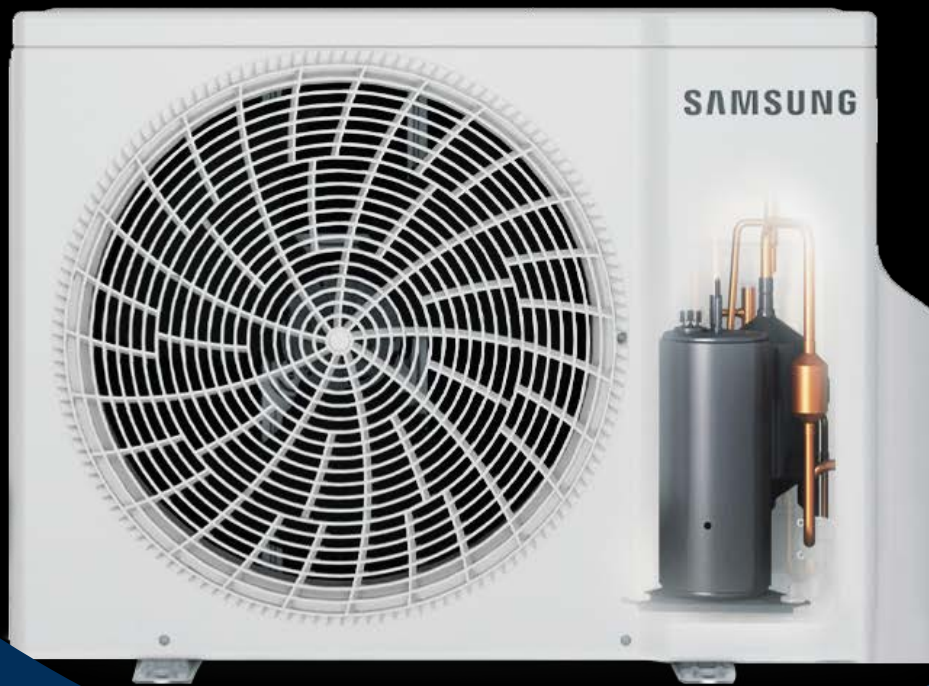


Easy to clean filter

Copper Anti-bacterial Filter

Keep the air conditioner working efficiently with little effort. A Copper Anti-bacterial Filter is located outside, on the top, so it can easily be removed and cleaned. Its dense mesh keeps the Heat Exchanger clean and the copper material in the yarn helps reduce certain bacteria by up to 99%[^].

*Models without WindFree™ mode will use a 2-step process (3 minutes of auto air flow and 7 minutes of high air flow). **Only WindFree™ models will check the internal humidity. ***The Auto Clean time will vary depending on the condition of the air conditioner. [^]Tested by Intertek. Data has been measured under specific testing conditions and may vary depending on environmental factors and individual use.



5

Year
Comprehensive
Warranty[^]

10

Year
Warranty*
On Compressor

Lasting peace of mind

A 5-year comprehensive warranty and 10-year warranty on AI Inverter Compressor.

Enjoy peace of mind knowing that your air conditioner will deliver a long-lasting performance – guaranteed! Its inverter compressor is designed to work efficiently for a long time. And this is backed up by a 10 year warranty*, so you can be sure that you will enjoy a hassle-free performance. 5 year comprehensive warranty is applicable on Part(s) Covered: PCB/PBA, Evaporator, Condenser, Fan Motor and Step Motor. Gas recharge (only while evaporator, condenser and compressor is being replaced under the warranty period).

*The 10 year parts warranty is only applicable to the inverter compressor. [^]Comprehensive warranty valid for condenser, PCB, evaporator coil, fan motor, gas recharge. (Only when condenser is getting replaced.)

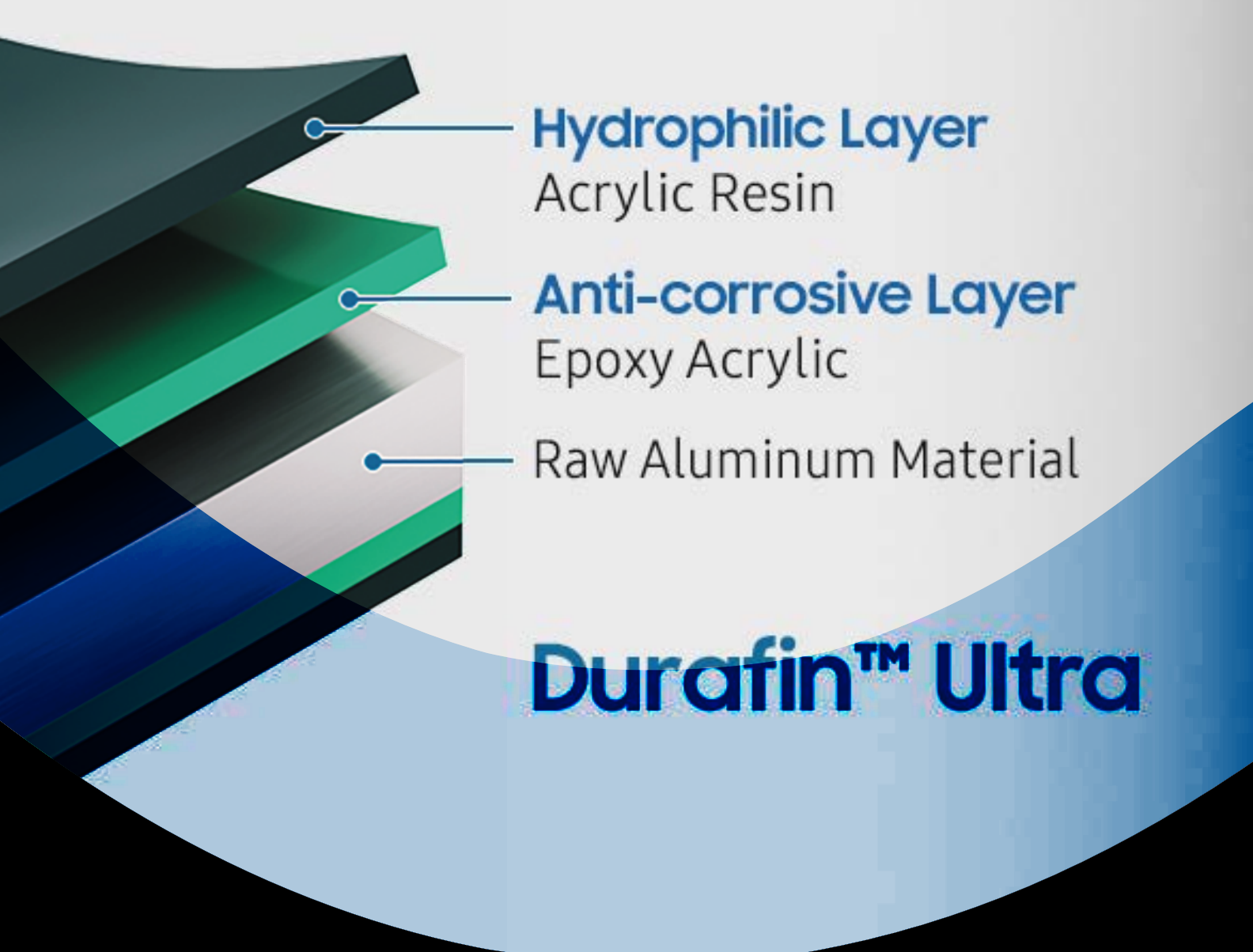
Stable and durable

Triple Protector Plus

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.



*Based on internal testing on the AR12TXEAAWKNEU model compared with the Samsung conventional model AS18FCMID.



Hydrophilic Layer
Acrylic Resin

Anti-corrosive Layer
Epoxy Acrylic

Raw Aluminum Material

DuraFin™ Ultra

Prevents corrosion

DuraFin Ultra Coating

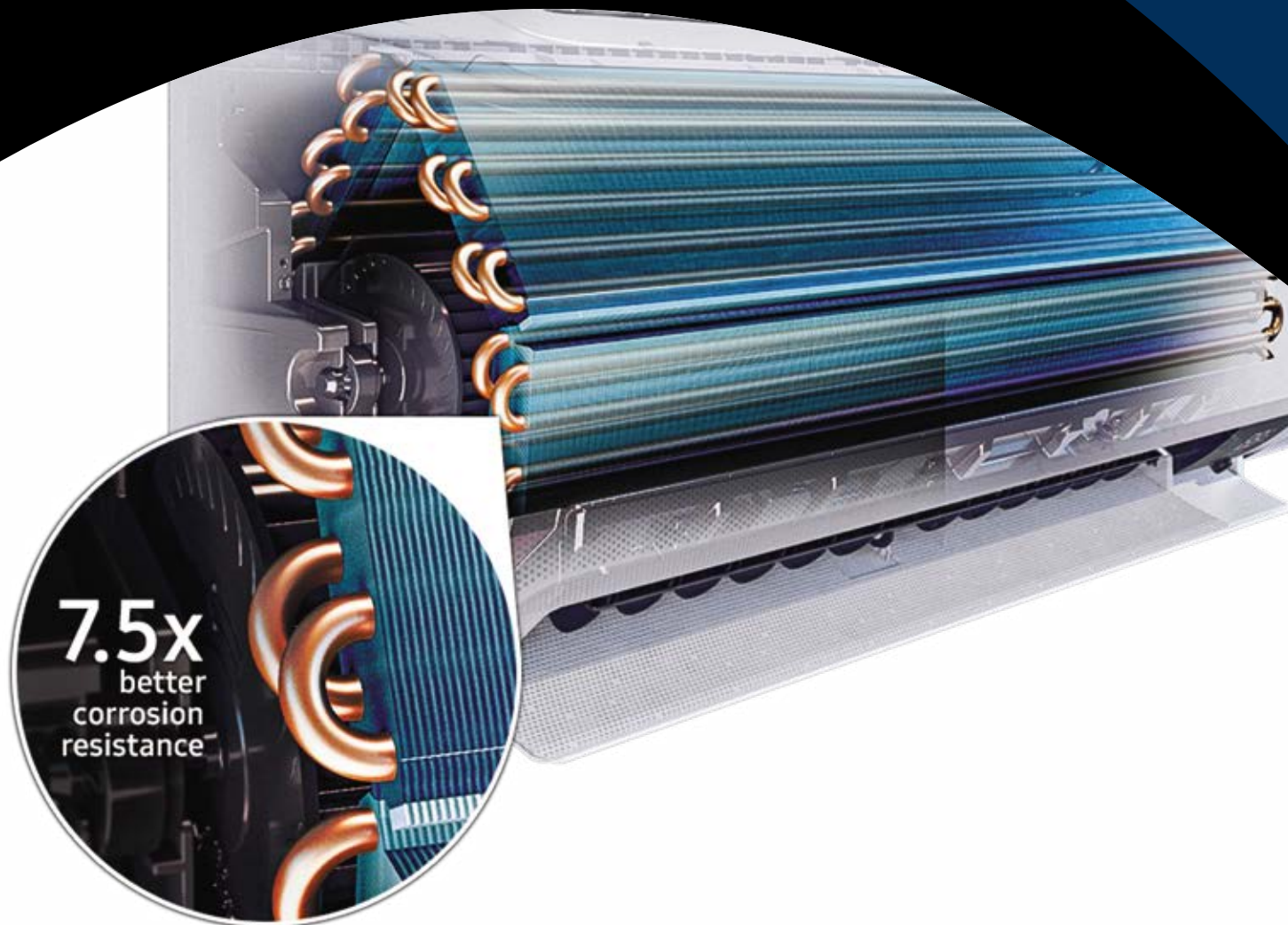
Protect the Heat Exchanger from damaging corrosion. The DuraFin Ultra has an anti-corrosive layer of epoxy acrylic and a hydrophilic layer of acrylic resin that disperses water and reinforces its corrosion resistance. It helps prevent rust from forming on the Heat Exchanger, so it maintains its performance and efficiency. Its superb quality was proven in a Salt Spray Test (SST) over a period of 3,000 hours with no leakage of refrigerant*, and is backed up by a 5 year parts warranty.

*Based on internal testing by applying pressure (42kgf/cm²) using nitrogen for 1 minute after a Salt Spray Test (SST) of over 10,000 hours, in accordance with ASTM B117 (ISO 9227).

Corrosion-resistant

Coated Copper Tube*

Enjoy a long-lasting and consistent performance as well as reduced maintenance. The indoor unit's Heat Exchanger includes specially-coated copper tubes that have 7.5x better corrosion resistance*. It provides enhanced protection against harmful environmental conditions, such as airborne dust and the various pollutants created during daily life. This enhanced durability means that the indoor unit will work reliably for a long time and requires less periodic maintenance.



*Based on testing by TUV Rheinland in accordance with the ASTM G85 Annex A3 modified-SWAAT test, compared to the non-coated copper tube. The level of corrosion resistance is based on the reduction rate of the copper tube's thickness. The original thickness of each copper tube was 206 μ m. After 40 days, the coated copper tube was 186 μ m thick and the non-coated copper tube was 52 μ m thick.



Outdoor Temp.

58°C

Stay cool when hot

Cool Even at 58°C (Only India)

Stay cool in extremely hot weather. The Samsung air conditioner will continue cooling inside your home even when the outside temperature reaches up to 58°C (136°F)*. So you can feel comfortable all year round, even in the scorching summer heat.

Reasons to buy Bespoke AI WindFree™ Air Conditioner



AI Fast & Comfort Cooling

It analyses your usage patterns and room conditions to turn on Fast Cooling. After lowering the temperature, it switches to WindFree™ mode.



WindFree™ Cooling

Stay cool without feeling a cold draft. Its advanced air flow structure gently disperses air through 23000 micro air holes.



WindFree™ Wearable Good Sleep

It links wearable smart devices* with your air conditioner. In case you fall asleep, it automatically turns on the WindFree™ Cooling.



5-step Convertible Mode

It allows you to adjust compressor operation as per your needs and helps save energy.



Quick Remote

When you are near the air conditioner, a Quick Remote pops up on your smartphone that lets you control the device.



SmartThings Home Care

It uses AI to detect abnormal behavior. So, you can address maintenance needs in time.



Smart Forward

It keeps your air conditioner up-to-date with the latest features, so it works just like the latest products.



Durafin™ Ultra

It has anti-corrosive and hydrophilic layers that prevent rust from forming on the Heat Exchanger.



Triple Protector Plus

This technology prevents damage from power surges and fluctuating electrical currents, without a separate voltage stabilizer.



Dry Comfort

Enjoy comfortable dehumidification without feeling cold. Dry Comfort automatically maintains a comfortable temperature and humidity for you.



WindFree™ Energy Saving

It reduces energy consumption by not blowing powerful blasts of cold air. Consuming up to 77% less energy than Fast Cooling mode.



WindFree™ Low Noise

In the WindFree™ mode, the air conditioner runs at low air speed, generating less air friction and noise.



AI Digital Inverter Control

It analyses the usage patterns, external conditions, and air conditioner's operating status to precisely control compressor's frequency.



Inverter Low Noise

The twin compressor creates 20 times less vibration than a single compressor and WindFree™ operation creates up to 40% less sound.



Inverter 10-Year Warranty

The inverter compressor is designed to work efficiently for a long time and is backed up by a 10-year warranty.



Coated Copper Tubes

It has 7.5x better corrosion resistance, protecting it against harmful environmental conditions, keeping the indoor unit working for a long time.



Welcome Cooling & Away Care

It reminds you to turn on the air conditioner when you get close to home and when you leave, it will notify you to turn it off.



Map View

Monitor and control all your air conditioners wherever you are using 3D Map View in the SmartThings App.



SmartThings & Voice Control

Using the SmartThings App you can give voice commands using a voice assistant, such as Samsung Bixby, Amazon Alexa or Google Assistant.



Cools even at 58°C

Stay cool in extremely hot weather with Samsung air conditioner, which continues cooling inside your home even when the outside temperature reaches up to 58°C (136°F).



2026 Air Conditioner Range

Bespoke AI WindFree Motion Wind Range



Model Code	Energy Star Rating	Capacity	Body Color
AR70H19D13W	3★	5.10 kW (1.5)	Plain White
AR70H18D13W	3★	47.5 kW (1.5)	Plain White

Motion Wind	AI Energy Mode* Up to 30% Energy Saving	AI Fast & Comfort Cooling	SmartThings Home Care
WindFree™ Cooling	WindFree™ Good Sleep	Wi-Fi SmartThings	Dry Comfort
Durafin™ Ultra 100% Copper	4 Way Swing	AI Digital Inverter control	5-step Convertible Mode
Cools even at 58°C*	Freeze Wash	5 Year Comprehensive Warranty	10 Year Warranty on Compressor

*T&C apply.

Bespoke AI WindFree Air Conditioner Range

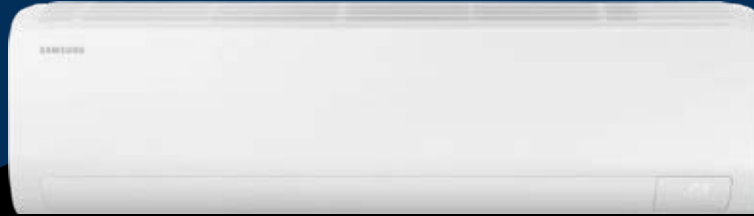


Model Code	Energy Star Rating	Capacity	Body Color
AR60H24D13W	3★	6.30 kW (2.0)	Plain White
AR60H18D15W	5★	4.75 kW (1.5)	Plain White
AR60H18D1ZW	5★	4.75 kW (1.5)	Plain White
AR60H19D1AW	4★	5.00 kW (1.5)	Plain White
AR60H18D14W	4★	4.75 kW (1.5)	Plain White
AR60H18D1YW	4★	4.75 kW (1.5)	Plain White
AR60H19D13W	3★	5.10 kW (1.5)	Plain White
AR60H18D1PW	3★	4.85 kW (1.5)	Plain White
AR60H18D1LW	3★	4.75 kW (1.5)	Plain White
AR60H18D1XW	3★	4.75 kW (1.5)	Plain White
AR60H18D13W	3★	4.75 kW (1.5)	Plain White

AI Energy Mode* Up to 30% Energy Saving	AI Fast & Comfort Cooling	SmartThings Home Care	4 Way Swing	Dry Comfort
WindFree™ Cooling	Wi-Fi SmartThings	WindFree™ Good Sleep	AI Digital Inverter control	5-step Convertible Mode
Durafin™ Ultra Coating	Cools even at 58°C*	Freeze Wash	5 Year Comprehensive Warranty	10 Year Warranty on Compressor

*T&C apply.

Bespoke AI Split Inverter Air Conditioner Ranges



Model Code	Energy Star Rating	Capacity	Body Color
AR50H24D1XH	3★	6.30 kW (2.0)	Plain White
AR50H18D1ZH	5★	4.75 kW (1.5)	Plain White
AR50H18D1NH	5★	4.75 kW (1.5)	Plain White
AR50H18D15H	5★	4.75 kW (1.5)	Plain White
AR50H19D1AH	4★	5.00 kW (1.5)	Plain White
AR50H18D14H	4★	4.75 kW (1.5)	Plain White
AR50H19D1XH	3★	5.10 kW (1.5)	Plain White
AR50H18D13H	3★	4.85 kW (1.5)	Plain White
AR50H12D1ZH	5★	3.35 kW (1.0)	Plain White
AR50H12D1XH	3★	3.35 kW (1.0)	Plain White
AR50H12D1LH	3★	3.35 kW (1.0)	Plain White

AI Energy Mode* Up to 30% Energy Saving	SmartThings Home Care	AI Auto Cooling	AI Digital Inverter control
5-step Convertible Mode	Wi-Fi SmartThings	4 Way Swing	Durafin™ Ultra Coating
Cools even at 58°C*	Copper Coated Tubes	5 Year Comprehensive Warranty	10 Year Warranty on Compressor

*T&C apply.

Model specifications

Attribute		Motion Wind	Motion Wind	Bespoke AI WIndFree	Bespoke AI WIndFree	Bespoke AI WIndFree
Model Code		AR70H18D13W	AR70H19D13W	AR60H18D15W	AR60H18D1ZW	AR60H19D1AW
Body Color		Plain White	Plain White	Plain White	Plain White	Plain White
Capacity	Capacity (Cooling, kW)	4.75	5.10	4.75	4.75	5.00
	Capacity (Cooling, Min - Max, kW)	1.3 ~ 5.6	1.3 ~ 6.1	1.6 ~ 6.7	1.6 ~ 6.7	1.2 ~ 6.0
Energy Efficiency	ISEER (W/W)	4.43	4.43	5.77	5.77	5.15
	Energy Star Rating (Cooling)	3★	3★	5★	5★	4★
Noise Level	Noise Level (Indoor, High/Low, dBA)	45 / 26	45 / 26	45 / 24	45 / 24	45 / 24
Electrical Data	Power Source(Φ/V/Hz)	1 / 230~ / 50	1 / 230~ / 50	1 / 230~ / 50	1 / 230~ / 50	1 / 230~ / 50
	Power Consumption(Cooling, W)	1470	1520	1050	1050	1290
	Operating Current(Cooling, A)	6.5	6.7	4.7	4.7	5.8
Physical specification	Net Dimension (Indoor, WxHxD, mm*mm*mm)	889*299*230	889*299*230	1055*299*215	1055*299*215	1055*299*215
	Net Dimension (Outdoor, WxHxD, mm*m-m*mm)	710*540*220	790*548*285	880*638*310	880*638*310	790*548*285
	Net Weight (Indoor, kg)	10.60	10.60	12.20	12.20	11.40
	Net Weight (Outdoor, kg)	22.60	26.00	33.60	33.60	26.70
Technical Information	Piping Length (Max, m)	30	30	30	30	30
	Piping Height (Max, m)	15	15	15	15	15
	Moisture Removal (l/hr)	1.9	2.0	1.9	1.9	1.9
	Air Circulation (Cooling, m³/min)	14.3	14.3	18.3	18.3	18.6
	Refrigerant (Type)	R32	R32	R32	R32	R32
	Refrigerant (Charging, kg)	0.57	0.67	0.89	0.89	0.7
	Low Ambient (Cooling, °C)	15 ~ 52	15 ~ 52	15 ~ 52	15 ~ 52	15 ~ 52
Air Flow	WindFree Cooling	Yes	Yes	Yes	Yes	Yes
	Air Direction Control (Up/Down)	Auto	Auto	Auto	Auto	Auto
	Air Direction Control (Left/Right)	Auto	Auto	Auto	Auto	Auto
	Air Flow Control Step (Cool/Fan)	5/4	5/4	5/4	5/4	5/4
Hygiene	Copper Anti-bacterial Filter	✓	✓	✓	✓	✓
	Auto Clean (Self Cleaning)	✓	✓	✓	✓	✓
Smart Features	Wi-Fi Enabled	✓	✓	✓	✓	✓
	SmartThings App Support	✓	✓	✓	✓	✓
	AI Energy Mode	✓	✓	✓	✓	✓
	Energy Monitor	✓	✓	✓	✓	✓
	Quick Remote	✓	✓	✓	✓	✓
	Map View	✓	✓	✓	✓	✓
	Welcome Cooling / Away Care	✓	✓	✓	✓	✓
	Voice Control (Bixby / Alexa / Google Home)	✓	✓	✓	✓	✓
	SmartThings Home Care	✓	✓	✓	✓	✓
	Smart Forward	✓	✓	✓	✓	✓
AI Auto Cooling	✓	✓	✓	✓	✓	
Convenience	Freeze Wash	✓	✓	✓	✓	✓
	Filter Cleaning Indicator	✓	✓	✓	✓	✓
	Indoor Temp. Display	✓	✓	✓	✓	✓
	Display On/Off	✓	✓	✓	✓	✓
	Beep On/Off	✓	✓	✓	✓	✓
	24-Hour Timer	✓	✓	✓	✓	✓
	Auto Restart	✓	✓	✓	✓	✓
Operating Mode	Auto Mode	✓	✓	✓	✓	✓
	Fast Cool	✓	✓	✓	✓	✓
	Dry Comfort	✓	✓	✓	✓	✓
	Good Sleep	✓	✓	✓	✓	✓
	5 Step Mode	✓	✓	✓	✓	✓
	Dehumidification	✓	✓	✓	✓	✓
	Fan Mode	✓	✓	✓	✓	✓
Quiet	✓	✓	✓	✓	✓	

Model specifications

Attribute		Bespoke AI WIndFree	Bespoke AI WIndFree	Bespoke AI WIndFree	Bespoke AI WIndFree	Bespoke AI WIndFree
Model Code		AR60H18D14W	AR60H18D1YW	AR60H19D13W	AR60H18D1PW	AR60H18D13W
Body Color		Plain White	Plain White	Plain White	Plain White	Plain White
Capacity	Capacity (Cooling, kW)	4.75	4.75	5.10	4.85	4.75
	Capacity (Cooling, Min - Max, kW)	1.3 ~ 5.8	1.3 ~ 5.8	1.3 ~ 6.0	1.2 ~ 5.5	1.2 ~ 5.5
Energy Efficiency	ISEER (W/W)	5.15	5.15	4.43	4.43	4.43
	Energy Star Rating (Cooling)	4★	4★	3★	3★	3★
Noise Level	Noise Level (Indoor, High/Low, dBA)	45 / 24	45 / 24	45 / 26	45 / 26	45 / 26
Electrical Data	Power Source(Φ/V/Hz)	1 / 230~ / 50	1 / 230~ / 50	1 / 230~ / 50	1 / 230~ / 50	1 / 230~ / 50
	Power Consumption(Cooling, W)	1240	1240	1520	1485	1470
	Operating Current(Cooling, A)	5.5	5.5	6.7	6.5	6.5
Physical specification	Net Dimension (Indoor, WxHxD, mm*mm*mm)	1055*299*215	1055*299*215	889*299*215	889*299*215	889*299*215
	Net Dimension (Outdoor, WxHxD, mm*m-m*mm)	790*548*285	790*548*285	790*548*285	710*540*220	710*540*220
	Net Weight (Indoor, kg)	11.30	11.30	10.00	10.00	10.00
	Net Weight (Outdoor, kg)	26.00	26.00	26.40	22.65	22.65
Technical Information	Piping Length (Max, m)	30	30	30	30	30
	Piping Height (Max, m)	15	15	15	15	15
	Moisture Removal (l/hr)	1.9	1.9	2.0	1.9	1.9
	Air Circulation (Cooling, m³/min)	18.6	18.6	15.2	15.2	15.2
	Refrigerant (Type)	R32	R32	R32	R32	R32
	Refrigerant (Charging, kg)	0.7	0.7	0.67	0.57	0.57
	Low Ambient (Cooling, °C)	15 ~ 52	15 ~ 52	15 ~ 52	15 ~ 52	15 ~ 52
	WindFree Cooling	Yes	Yes	Yes	Yes	Yes
Air Flow	Air Direction Control (Up/Down)	Auto	Auto	Auto	Auto	Auto
	Air Direction Control (Left/Right)	Auto	Auto	Auto	Auto	Auto
	Air Flow Control Step (Cool/Fan)	5/4	5/4	5/4	5/4	5/4
	WindFree Cooling	Yes	Yes	Yes	Yes	Yes
Hygiene	Copper Anti-bacterial Filter	✓	✓	✓	✓	✓
	Auto Clean (Self Cleaning)	✓	✓	✓	✓	✓
Smart Features	Wi-Fi Enabled	✓	✓	✓	✓	✓
	SmartThings App Support	✓	✓	✓	✓	✓
	AI Energy Mode	✓	✓	✓	✓	✓
	Energy Monitor	✓	✓	✓	✓	✓
	Quick Remote	✓	✓	✓	✓	✓
	Map View	✓	✓	✓	✓	✓
	Welcome Cooling / Away Care	✓	✓	✓	✓	✓
	Voice Control (Bixby / Alexa / Google Home)	✓	✓	✓	✓	✓
	SmartThings Home Care	✓	✓	✓	✓	✓
	Smart Forward	✓	✓	✓	✓	✓
Convenience	AI Auto Cooling	✓	✓	✓	✓	✓
	Freeze Wash	✓	✓	✓	✓	✓
	Filter Cleaning Indicator	✓	✓	✓	✓	✓
	Indoor Temp. Display	✓	✓	✓	✓	✓
	Display On/Off	✓	✓	✓	✓	✓
	Beep On/Off	✓	✓	✓	✓	✓
	24-Hour Timer	✓	✓	✓	✓	✓
Operating Mode	Auto Restart	✓	✓	✓	✓	✓
	Auto Mode	✓	✓	✓	✓	✓
	Fast Cool	✓	✓	✓	✓	✓
	Dry Comfort	✓	✓	✓	✓	✓
	Good Sleep	✓	✓	✓	✓	✓
	5 Step Mode	✓	✓	✓	✓	✓
	Dehumidification	✓	✓	✓	✓	✓
	Fan Mode	✓	✓	✓	✓	✓
Quiet	✓	✓	✓	✓	✓	

Model specifications

Attribute		Bespoke AI WIndFree	Bespoke AI WIndFree	Bespoke AI WIndFree	Bespoke AI	Bespoke AI
Model Code		AR60H18D1LW	AR60H18D1XW	AR60H24D13W	AR50H12D1ZH	AR50H12D1LH
Body Color		Plain White	Plain White	Plain White	Plain White	Plain White
Capacity	Capacity (Cooling, kW)	4.75	4.75	6.30	3.35	3.35
	Capacity (Cooling, Min - Max, kW)	1.2 ~ 5.5	1.2 ~ 5.5	1.3 ~ 7.2	1.2 ~ 5.0	1.2 ~ 4.0
Energy Efficiency	ISEER (W/W)	4.43	4.43	4.50	5.78	4.43
	Energy Star Rating (Cooling)	3★	3★	3★	5★	3★
Noise Level	Noise Level (Indoor, High/Low, dBA)	45 / 26	45 / 26	45 / 26	42 / 21	40 / 21
Electrical Data	Power Source(Φ/V/Hz)	1 / 230~ / 50	1 / 230~ / 50	1 / 230~ / 50	1 / 230~ / 50	1 / 230~ / 50
	Power Consumption(Cooling, W)	1470	1470	1880	730	960
	Operating Current(Cooling, A)	6.5	6.5	8.4	3.3	4.3
Physical specification	Net Dimension (Indoor, WxHxD, mm*mm*mm)	889*299*215	889*299*215	1055*299*215	889*299*215	820*299*215
	Net Dimension (Outdoor, WxHxD, mm*m-m*mm)	710*540*220	710*540*220	880*638*310	790*548*285	710*540*220
	Net Weight (Indoor, kg)	10.00	10.00	11.30	9.70	9.00
	Net Weight (Outdoor, kg)	22.65	22.65	31.10	25.70	20.50
Technical Information	Piping Length (Max, m)	30	30	30	15	15
	Piping Height (Max, m)	15	15	15	8	8
	Moisture Removal (l/hr)	1.9	1.9	2.2	1.3	1.3
	Air Circulation (Cooling, m³/min)	15.2	15.2	18.6	14.2	11.9
	Refrigerant (Type)	R32	R32	R32	R32	R32
	Refrigerant (Charging, kg)	0.57	0.57	0.9	0.67	0.45
	Low Ambient (Cooling, °C)	15 ~ 52	15 ~ 52	15 ~ 52	15 ~ 52	15 ~ 52
	WindFree Cooling	Yes	Yes	Yes	No	No
Air Flow	Air Direction Control (Up/Down)	Auto	Auto	Auto	Auto	Auto
	Air Direction Control (Left/Right)	Auto	Auto	Auto	Auto	Auto
	Air Flow Control Step (Cool/Fan)	5/4	5/4	5/4	5/4	5/4
	WindFree Cooling	Yes	Yes	Yes	No	No
Hygiene	Copper Anti-bacterial Filter	✓	✓	✓	✓	✓
	Auto Clean (Self Cleaning)	✓	✓	✓	✓	✓
Smart Features	Wi-Fi Enabled	✓	✓	✓	✓	✓
	SmartThings App Support	✓	✓	✓	✓	✓
	AI Energy Mode	✓	✓	✓	✓	✓
	Energy Monitor	✓	✓	✓	✓	✓
	Quick Remote	✓	✓	✓	✓	✓
	Map View	✓	✓	✓	✓	✓
	Welcome Cooling / Away Care	✓	✓	✓	✓	✓
	Voice Control (Bixby / Alexa / Google Home)	✓	✓	✓	✓	✓
	SmartThings Home Care	✓	✓	✓	✓	✓
	Smart Forward	✓	✓	✓	✓	✓
Convenience	AI Auto Cooling	✓	✓	✓	✓	✓
	Freeze Wash	✓	✓	✓	X	X
	Filter Cleaning Indicator	✓	✓	✓	✓	✓
	Indoor Temp. Display	✓	✓	✓	✓	✓
	Display On/Off	✓	✓	✓	✓	✓
	Beep On/Off	✓	✓	✓	✓	✓
	24-Hour Timer	✓	✓	✓	✓	✓
Operating Mode	Auto Restart	✓	✓	✓	✓	✓
	Auto Mode	✓	✓	✓	✓	✓
	Fast Cool	✓	✓	✓	✓	✓
	Dry Comfort	✓	✓	✓	X	X
	Good Sleep	✓	✓	✓	✓	✓
	5 Step Mode	✓	✓	✓	✓	✓
	Dehumidification	✓	✓	✓	✓	✓
	Fan Mode	✓	✓	✓	✓	✓
Quiet	✓	✓	✓	✓	✓	

Model specifications

Attribute		Bespoke AI	Bespoke AI	Bespoke AI	Bespoke AI	Bespoke AI
Model Code		AR50H12D1XH	AR50H18D1ZH	AR50H18D1NH	AR50H18D15H	AR50H19D1AH
Body Color		Plain White	Plain White	Plain White	Plain White	Plain White
Capacity	Capacity (Cooling, kW)	3.35	4.75	4.75	4.75	5.00
	Capacity (Cooling, Min - Max, kW)	1.2 ~ 4.0	1.6 ~ 6.7	1.6 ~ 6.7	1.6 ~ 6.7	1.2 ~ 6.0
Energy Efficiency	ISEER (W/W)	4.43	5.77	5.77	5.77	5.15
	Energy Star Rating (Cooling)	3★	5★	5★	5★	4★
Noise Level	Noise Level (Indoor, High/Low, dBA)	40 / 21	45 / 24	45 / 24	45 / 24	45 / 24
Electrical Data	Power Source(ΦV/Hz)	1 / 230~ / 50	1 / 230~ / 50	1 / 230~ / 50	1 / 230~ / 50	1 / 230~ / 50
	Power Consumption(Cooling, W)	960	1050	1050	1050	1290
	Operating Current(Cooling, A)	4.3	4.7	4.7	4.7	5.8
Physical specification	Net Dimension (Indoor, WxHxD, mm*mm*mm)	820*299*215	1055*299*215	1055*299*215	1055*299*215	1055*299*215
	Net Dimension (Outdoor, WxHxD, mm*m-m*mm)	710*540*220	880*638*310	880*638*310	880*638*310	790*548*285
	Net Weight (Indoor, kg)	9.00	12.20	12.20	12.20	11.40
	Net Weight (Outdoor, kg)	20.50	33.60	33.60	33.60	26.70
Technical Information	Piping Length (Max, m)	15	30	30	30	30
	Piping Height (Max, m)	8	15	15	15	15
	Moisture Removal (l/hr)	1.3	1.9	1.9	1.9	1.9
	Air Circulation (Cooling, m³/min)	11.9	19.1	19.1	19.1	19.3
	Refrigerant (Type)	R32	R32	R32	R32	R32
	Refrigerant (Charging, kg)	0.45	0.89	0.89	0.89	0.7
	Low Ambient (Cooling, °C)	15 ~ 52	15 ~ 52	15 ~ 52	15 ~ 52	15 ~ 52
Air Flow	WindFree Cooling	No	No	No	No	No
	Air Direction Control (Up/Down)	Auto	Auto	Auto	Auto	Auto
	Air Direction Control (Left/Right)	Auto	Auto	Auto	Auto	Auto
	Air Flow Control Step (Cool/Fan)	5/4	5/4	5/4	5/4	5/4
Hygiene	Copper Anti-bacterial Filter	✓	✓	✓	✓	✓
	Auto Clean (Self Cleaning)	✓	✓	✓	✓	✓
Smart Features	Wi-Fi Enabled	✓	✓	✓	✓	✓
	SmartThings App Support	✓	✓	✓	✓	✓
	AI Energy Mode	✓	✓	✓	✓	✓
	Energy Monitor	✓	✓	✓	✓	✓
	Quick Remote	✓	✓	✓	✓	✓
	Map View	✓	✓	✓	✓	✓
	Welcome Cooling / Away Care	✓	✓	✓	✓	✓
	Voice Control (Bixby / Alexa / Google Home)	✓	✓	✓	✓	✓
	SmartThings Home Care	✓	✓	✓	✓	✓
	Smart Forward	✓	✓	✓	✓	✓
AI Auto Cooling	✓	✓	✓	✓	✓	
Convenience	Freeze Wash	X	X	X	X	X
	Filter Cleaning Indicator	✓	✓	✓	✓	✓
	Indoor Temp. Display	✓	✓	✓	✓	✓
	Display On/Off	✓	✓	✓	✓	✓
	Beep On/Off	✓	✓	✓	✓	✓
	24-Hour Timer	✓	✓	✓	✓	✓
	Auto Restart	✓	✓	✓	✓	✓
Operating Mode	Auto Mode	✓	✓	✓	✓	✓
	Fast Cool	✓	✓	✓	✓	✓
	Dry Comfort	X	X	X	X	X
	Good Sleep	✓	✓	✓	✓	✓
	5 Step Mode	✓	✓	✓	✓	✓
	Dehumidification	✓	✓	✓	✓	✓
	Fan Mode	✓	✓	✓	✓	✓
Quiet	✓	✓	✓	✓	✓	

Model specifications

Attribute		Bespoke AI	Bespoke AI	Bespoke AI	Bespoke AI
Model Code		AR50H18D14H	AR50H19D1XH	AR50H18D13H	AR50H24D1XH
Body Color		Plain White	Plain White	Plain White	Plain White
Capacity	Capacity (Cooling, kW)	4.75	5.10	4.85	6.30
	Capacity (Cooling, Min - Max, kW)	1.3 ~ 5.8	1.3 ~ 6.0	1.2 ~ 5.5	1.3 ~ 7.2
Energy Efficiency	ISEER (W/W)	5.15	4.43	4.43	4.50
	Energy Star Rating (Cooling)	4★	3★	3★	3★
Noise Level	Noise Level (Indoor, High/Low, dBA)	45 / 24	45 / 26	45 / 26	45 / 26
Electrical Data	Power Source(Φ/V/Hz)	1 / 230~ / 50	1 / 230~ / 50	1 / 230~ / 50	1 / 230~ / 50
	Power Consumption(Cooling, W)	1240	1520	1485	1880
	Operating Current(Cooling, A)	5.5	6.7	6.5	8.4
Physical specification	Net Dimension (Indoor, WxHxD, mm*mm*mm)	1055*299*215	889*299*215	889*299*215	1055*299*215
	Net Dimension (Outdoor, WxHxD, mm*m-m*mm)	790*548*285	790*548*285	710*540*220	880*638*310
	Net Weight (Indoor, kg)	11.30	10.00	10.00	11.30
	Net Weight (Outdoor, kg)	26.00	26.40	22.65	31.10
Technical Information	Piping Length (Max, m)	30	30	30	30
	Piping Height (Max, m)	15	15	15	15
	Moisture Removal (l/hr)	1.9	2.0	1.9	2.2
	Air Circulation (Cooling, m³/min)	19.3	15.8	15.8	19.3
	Refrigerant (Type)	R32	R32	R32	R32
	Refrigerant (Charging, kg)	0.7	0.67	0.57	0.9
	Low Ambient (Cooling, °C)	15 ~ 52	15 ~ 52	15 ~ 52	15 ~ 52
Air Flow	WindFree Cooling	No	No	No	No
	Air Direction Control (Up/Down)	Auto	Auto	Auto	Auto
	Air Direction Control (Left/Right)	Auto	Auto	Auto	Auto
	Air Flow Control Step (Cool/Fan)	5/4	5/4	5/4	5/4
Hygiene	Copper Anti-bacterial Filter	✓	✓	✓	✓
	Auto Clean (Self Cleaning)	✓	✓	✓	✓
Smart Features	Wi-Fi Enabled	✓	✓	✓	✓
	SmartThings App Support	✓	✓	✓	✓
	AI Energy Mode	✓	✓	✓	✓
	Energy Monitor	✓	✓	✓	✓
	Quick Remote	✓	✓	✓	✓
	Map View	✓	✓	✓	✓
	Welcome Cooling / Away Care	✓	✓	✓	✓
	Voice Control (Bixby / Alexa / Google Home)	✓	✓	✓	✓
	SmartThings Home Care	✓	✓	✓	✓
	Smart Forward	✓	✓	✓	✓
Convenience	AI Auto Cooling	✓	✓	✓	✓
	Freeze Wash	X	X	X	X
	Filter Cleaning Indicator	✓	✓	✓	✓
	Indoor Temp. Display	✓	✓	✓	✓
	Display On/Off	✓	✓	✓	✓
	Beep On/Off	✓	✓	✓	✓
	24-Hour Timer	✓	✓	✓	✓
Operating Mode	Auto Restart	✓	✓	✓	✓
	Auto Mode	✓	✓	✓	✓
	Fast Cool	✓	✓	✓	✓
	Dry Comfort	X	X	X	X
	Good Sleep	✓	✓	✓	✓
	5 Step Mode	✓	✓	✓	✓
	Dehumidification	✓	✓	✓	✓
	Fan Mode	✓	✓	✓	✓
Quiet	✓	✓	✓	✓	