

SAMSUNG



Cassette Air Conditioner Catalogue

NEW R32 LINE UP (COOLING ONLY)

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About Samsung

We create new possibilities to fulfill the needs of people across the globe.

Since introducing its first air conditioner in 1974, Samsung has remained committed to providing cutting-edge innovations in climate-based initiatives. Samsung continues to push boundaries — revolutionising the world of air care with outstanding design, advanced performance and undoubted reliability.

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The future of commercial cooling.

New cassette air conditioner (CAC) lineup by Samsung brings smart, quiet and flexible cooling into every space — from homes to hotels to offices. Designed with energy efficiency at its core, it helps businesses lower operational costs while supporting long-term sustainability goals.

Engineered for comfort, built for performance and made to blend in beautifully, the new CAC lineup provides a cooling solution that meets every business need.



Smart cooling that's always connected.

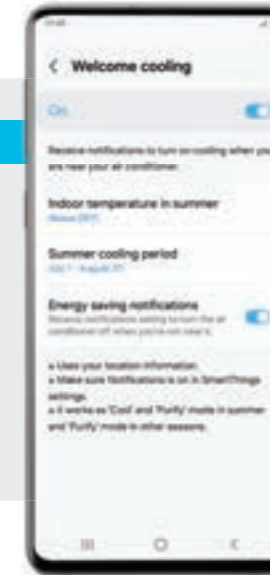
Thanks to the built-in Wi-Fi, the system connects seamlessly with Samsung SmartThings App*, no extra modules required. Remotely control your air conditioner, automate settings, and receive real-time updates on your system's performance—all in one app. For added convenience, it also supports voice control for hands-free experience.

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

Welcome Cooling

Arrive to the perfect breeze every time. The intuitive Welcome Cooling mode tracks your location via your smartphone GPS* and automatically activates the air conditioner to your preferred temperature and modes.

*This function may be affected by the GPS conditions.



Voice Control

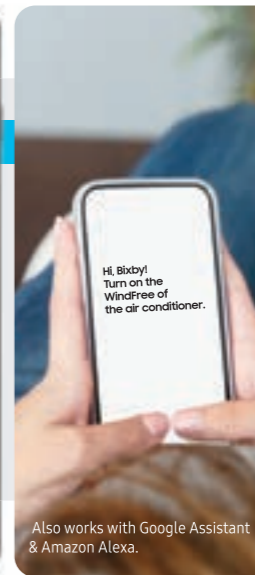
Control the temperature effortlessly. You can control your air conditioner with your voice using a voice assistant*, such as Samsung Bixby**, Amazon Alexa*** or Google Assistant****. It even suggests the best settings.

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

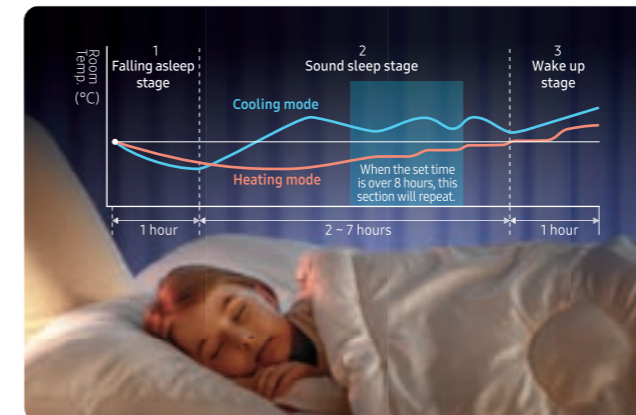
** Bixby is Samsung's brand of Internet of Things (IoT) voice assistant. Bixby service availability may vary depending on country. Bixby recognizes selected languages and certain accents/dialects. The user interface may change and differ by device. The availability of Bixby features and content providers may vary depending on the country/carrier/language/device model/OS version. A Samsung account log-in and data network connection (Wi-Fi or data network) are required.

*** Amazon, Alexa and all related logos are trademarks of Amazon.Com, Inc. or its affiliates. Alexa voice control support : On/off, Set temperature

**** Google is a trademark of Google LLC. Google voice control support : On/off, Set temperature, Mode change, Fan speed



Also works with Google Assistant & Amazon Alexa.



Comfort cooling for good sleep.

Good Sleep Mode adjusts to your sleep cycle. It cools to help you sleep, maintains steady airflow for deep rest, and, warms for a refreshing wake-up — all while saving up to 48% energy*.

*Internal test result. Tested on the AC071FE1DKF/EA model depending on the operating mode. Test condition: target temperature: 26°C, during 8 hours, compared to total power consumption in the mode.

Always the right kind of cool.

Comfort Humidity Control utilises both temperature and humidity sensors to maintain steady indoor conditions. It maintains the evaporator temperature near the dew point to minimise overcooling, facilitates continuous dehumidification, and saves up to 19% of energy in Dry Mode*. Real-time monitoring is available through SmartThings or a wired remote controller** for added visibility and control.

*Based on internal test results, and power consumption is accumulated for 4 hours of operation

– Test model: 4Way 14kW(AC145BXAFHH1PP / AC145CN4FHH1PP)
– Test condition: Outdoor dry bulb 27°C, wet bulb 24°C.
– Test mode: dehumidification mode, target temperature 24°C.

Actual energy saving can differ by model & test condition.

Only the colour Wired remote controller (MWR-WG) supports this function.



Seamless integration with The Universal Outdoor Unit.

Samsung CAC outdoor unit is now compatible with all indoor unit designs, offering greater freedom in design and simplifying installation. Built for durability, the outdoor unit is shielded with the exclusive Durafin™ technology by Samsung, a protective layer to reduce corrosion and extend the life of your system.



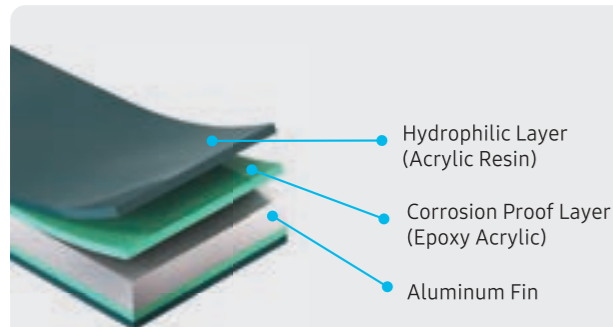
360 Cassette



4Way



1Way



Anti-corrosion coating

Durafin™ Ultra technology offers superior corrosion resistance with dual-layer coating that repel water—ensuring long-lasting performance and efficiency.

No backflow, no worries.

Cassette AC models come with a built-in Drain Pump and Check Valve that automatically remove condensed water while preventing any backflow or indoor dripping — ensuring smooth operation and simplifying maintenance.

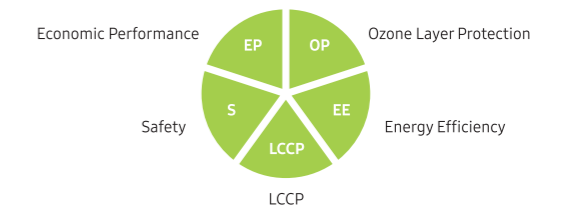
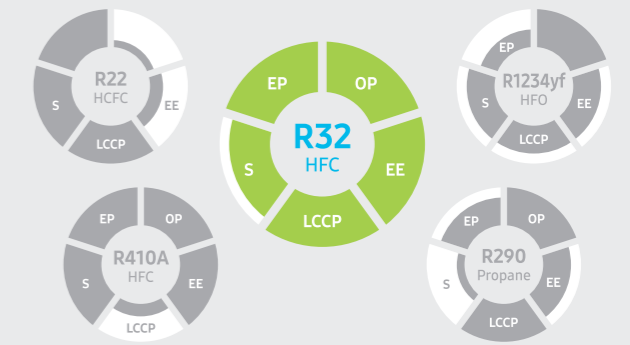


At a glance:

Drain pump is integrated inside the unit with no extra parts needed, keeping operations clean and hassle free.

Efficient by design. Sustainable by nature.

The new CAC range uses R32 — a next-gen refrigerant with lower Global Warming Potential (GWP) of 675, significantly lower than R410A's GWP of 2088. With high refrigeration capacity and thermal conductivity, it delivers efficient cooling performance while reducing environmental impact.



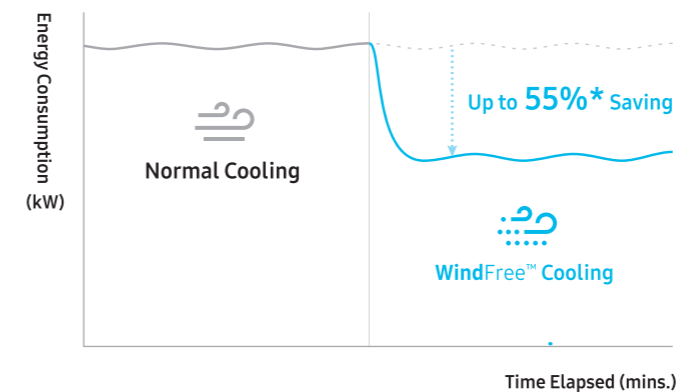
Why it matters:

Lower emissions and reduced refrigerant use mean greater efficiency and stronger sustainability credentials, fully compliant with global phase-down regulations to offer future-ready cooling performance for modern businesses.

*Source : <https://www.teriin.org>

Cool without the chill.

WindFree™ technology uses thousands of micro-holes to disperse cool air evenly without the uncomfortable direct drafts, creating a “Still Air” environment for consistent comfort. When operating with the WindFree™ Cooling Mode, the air conditioner works with a very low fan speed and the outdoor unit runs with minimum power, consuming less energy and generating less detectable noise.



*Based on internal testing of the WindFree™ model AC140RN4DKG/EU working at 14.0kW. Operating conditions: outdoors (35°C DB / 24°C WB), indoors (27 °C DB / 19 °C WB). Results may vary depending on environmental factors and individual usage. Available only on the WindFree™ models.



What you'll love:

- Maintains a stable temperature without strong gusts
- Creates a quiet, calm atmosphere
- Up to 55%+ energy savings in WindFree™ mode

WindFree™ 1Way Cassette

WindFree™ 1Way Cassette delivers clean, quiet comfort in a sleek design. With flexible installation, a powerful AI system, and WindFree™ technology, it's engineered to meet the diverse demands of modern living.



10000
micro air holes

Just cool comfort for your space.

Stay comfortably cool without unpleasant wind blowing on your skin. The WindFree™ 1Way Cassette disperses cold air gently through 10000 micro air holes, No harsh drafts, no sudden chills — just quiet, even comfort that lasts.

Blends in beautifully.

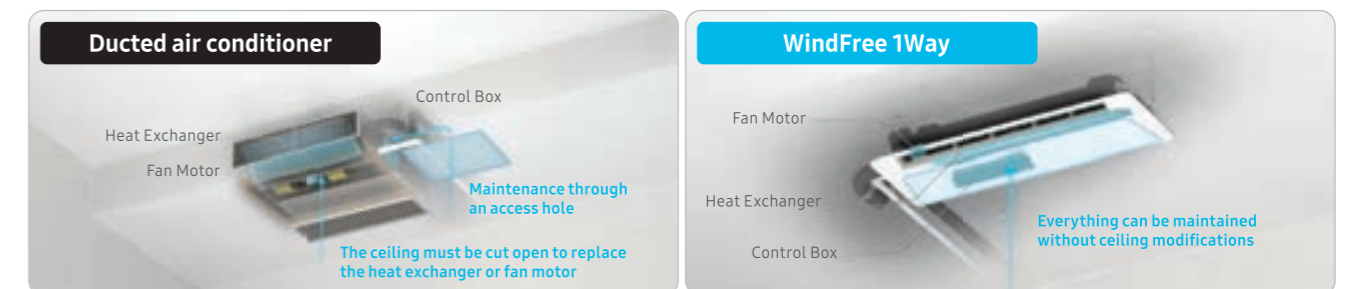
A sleek, minimalist, ceiling-embedded unit that blends seamlessly into any space. It opens up your walls for art, curtains or a clean interior look, allowing design flexibility while delivering powerful cooling from above.



Service with ease.

Internal components can be accessed directly by removing the decorative panel — eliminating the need for a separate access hole* and preserving a clean, uninterrupted ceiling finish.

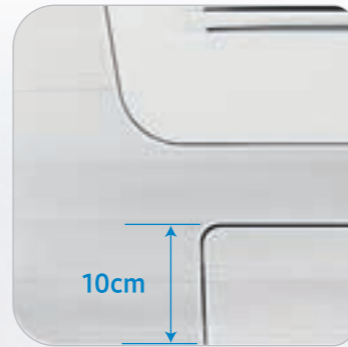
*Rarely required, depending on the installation conditions.



Cooling that goes far and wide.

Featuring a large 10cm* blade and a wide operating angle, the system pushes airflow up to 8 metres**, cooling every corner of the room faster and more evenly. The top down airflow ensures consistent comfort throughout the space, eliminating hot spots.

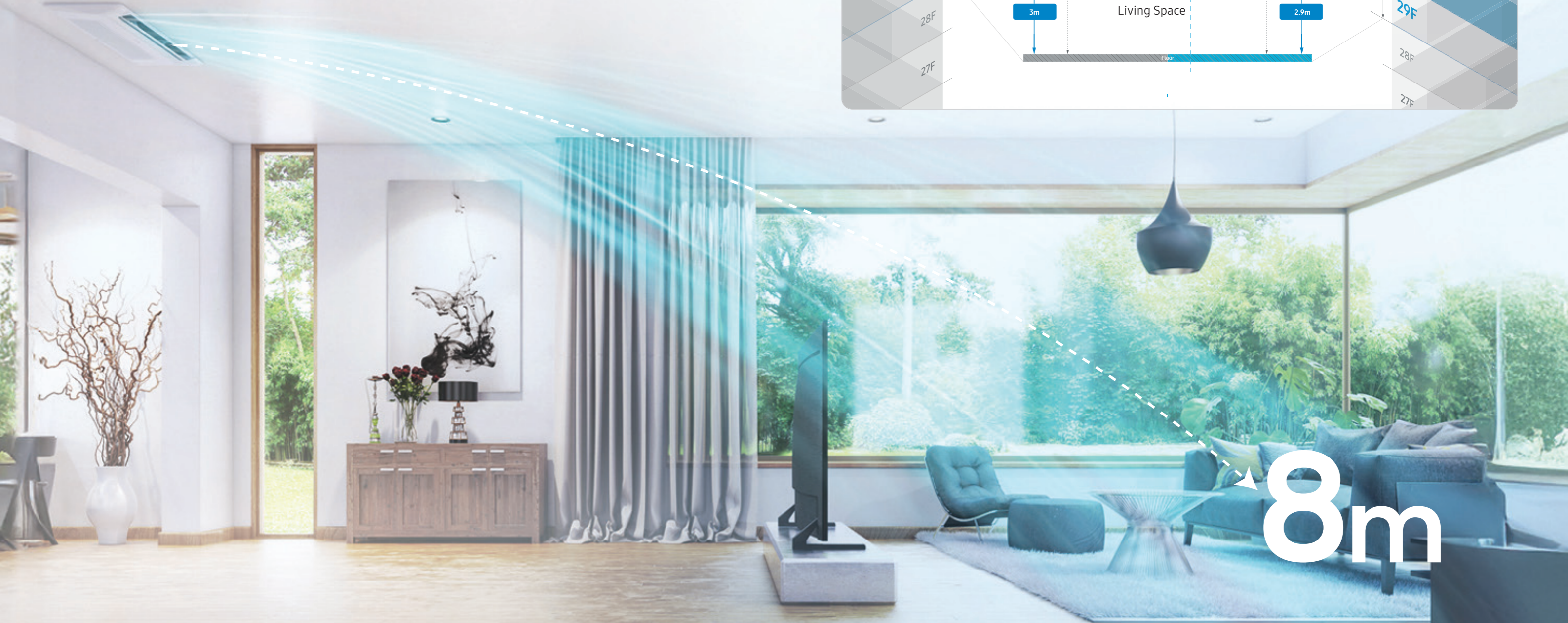
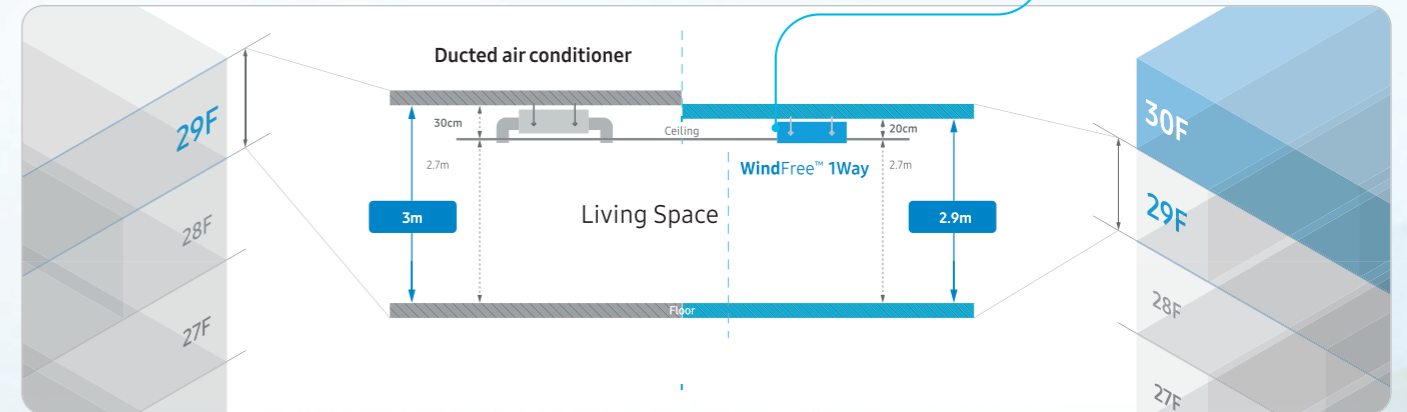
*Samsung testing compares the Samsung WindFree™ 1Way Cassette to a conventional 1WayCassette type air conditioner.
**Based on the 7.1 kW indoor unit.



Fits into every space.

Compared to conventional ducted system that requires 30cm of ceiling space, the **WindFree™ 1Way Cassette** boasts an ultra-slim 13.5cm[^] height, allowing it to fit into ceiling spaces as small as 15cm*. Enjoy flexibility in design, simpler installation and reduced ceiling space wastage — enabling the possibility of adding another storey**.

*Installation space required may vary depending on site condition and product model. Please reach out to Samsung representative for more detailed evaluation.
**Based on the assumption that the height of a storey between between the supporting ceiling and the floor is 3m, excluding the gaps between stories. May vary depending on the height of any ducted air conditioners and the ceiling conditions.
^Applicable for 3.6kW unit.



Fresher air without the fuss.

Equipped with a Humidity Sensor and Auto Clean function, the unit automatically dries moisture from the Heat Exchanger after use through a 2-step process. This helps prevent bacteria and odour, reduces dust build-up, and keeps the air fresher — resulting in less maintenance and better indoor air quality.

Step 01 Diagnose



Auto Clean function checks humidity and temperature after the unit turns off.

Step 02 Auto Clean



Depending on conditions, the system adjusts airflow to dry the heat exchanger in 0.5 minutes to 20 minutes.

Stay one step ahead.

The self-diagnosis function uses LED indicators to quickly identify system errors, enabling fast troubleshooting. Enhanced machine diagnostics via the SmartThings App provide deeper insights for more efficient maintenance and reduced downtime.

Examples of relevant errors	LED lamp display			
	On/Off	Timer	Fan	Filter
Error on indoor temperature sensor		●		
Error on heat exchanger sensor of the indoor unit	●	●		
Error on outdoor unit sensors	●		●	
Error on MDS (Motion Detect Sensor)	●			●

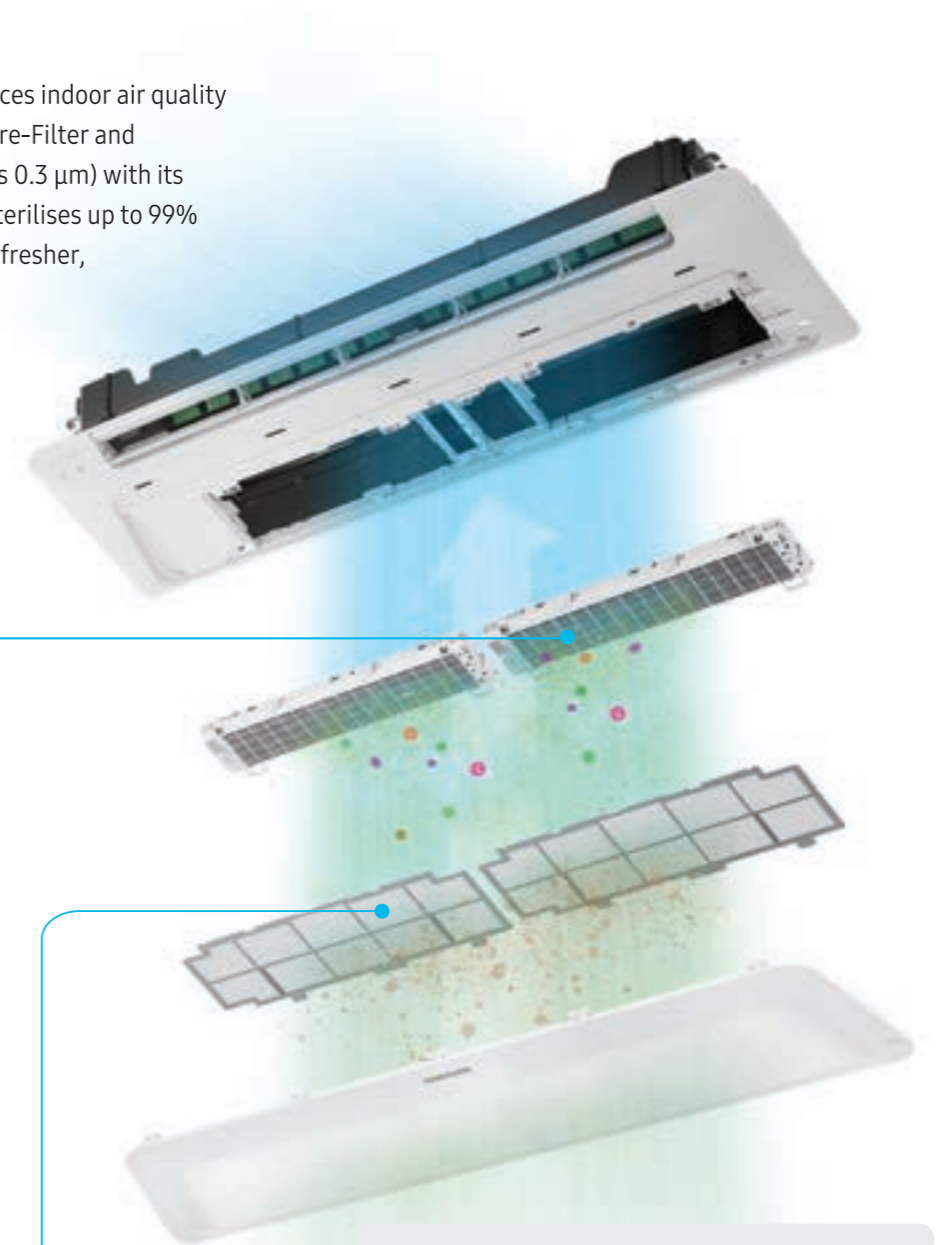
● Flickering



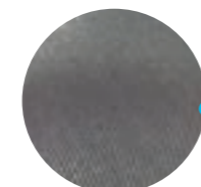
Breathe cleaner air.

A 2-step Air Purification Panel enhances indoor air quality by capturing larger particles with a Pre-Filter and eliminating ultrafine dust (as small as 0.3 μm) with its PM1.0 Filter*. The PM1.0 Filter also sterilises up to 99% of bacteria trapped inside, creating a fresher, healthier environment.

*Intertek Report No.: RT20E-S0010-R Date: APR. 17, 2020 (Revised) Based on the data collected the Hypothesis is accepted: The K-element (Electrostatic Precipitator) of Samsung Electronics can sterilise the certain types of bacteria that collected on the filter. (Escherichia coli: above 99 %, Staphylococcus aureus: above 99 %)



PM1.0 Filter



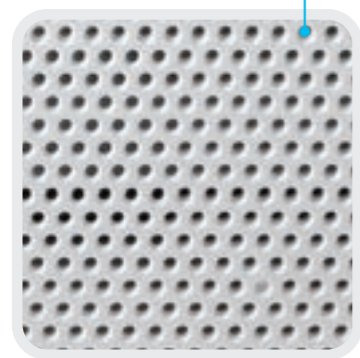
Pre-Filter

For added convenience, the semi-permanent PM1.0 Filter and Pre-Filter are washable and reusable—helping reduce long-term maintenance costs.



WindFree™ 4Way Cassette

WindFree™ 4Way Cassette is built for bigger spaces and busier environments. It delivers quiet, draft-free cooling in every direction and adapts to real-time movement and temperature — all while sitting flush in the ceiling.



15700
micro air holes

Comfortable quiet cooling.

WindFree™ cooling releases air through 15700 micro air holes to eliminate cold drafts while keeping room temperatures steady and comfortable. While operating in WindFree™ mode, the 4Way Cassette minimises ambient noise by generating only 34 db(A) of sound, significantly lower compared to normal cooling mode. It is ideal for spaces that need a quiet environment such as conference rooms, schools or hospitals.*

*Based on internal testing of the WindFree™ model AC071RN4DKG/EU. It generates a noticeable reduction in the 1kHz noise band, which is the weakest level of sound that humans are sensitive to.

Longer reach with every breeze.

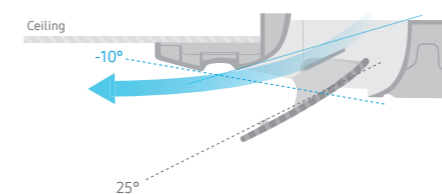
The 84mm blade is 31% larger* and angled to push cool air up to 10 metres, spreading airflow smoothly across the ceiling to cover wider spaces with fewer hot spots.

*Based on the WindFree™ 4Way Cassette, compared to a conventional 4WayCassette air conditioner which has a 64mm blade.

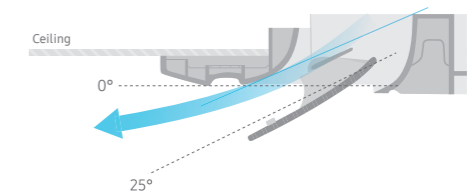


Angled for comfort.

The slanted outlet angles the blades between -10° and 25°, sending cool air up to 5m along the ceiling to evenly cover a 10m wide space.



Samsung 4Way Cassette

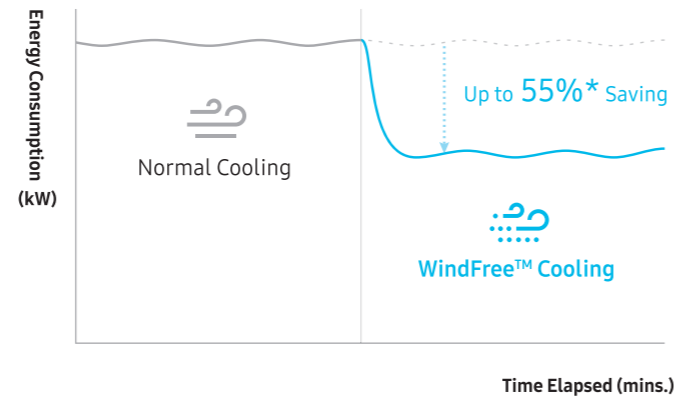


Conventional 4WayCassette

Cools without the extra cost.

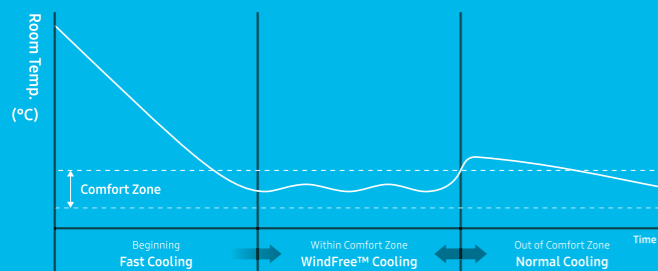
The **WindFree™** 4Way Cassette keeps you cool and comfortable for hours without the high energy cost. In **WindFree™** mode, it uses up to 55%* less power than normal cooling, so you can stay chill and save more every day.

*Based on internal testing of the **WindFree™** model AC140RN4DKG/EU working at 14.0kW. Operating conditions: outdoors (35C DB / 24C WB), indoors (27C DB / 19C WB). Results may vary depending on environmental factors and individual usage. Available only on the **WindFree™** models.



Adaptive cooling for optimal efficiency.

The Smart Comfort Operation utilises temperature and humidity sensor to monitor room condition and adjust between cooling modes for optimised comfort. The system starts with Fast Cooling to cool your room quickly, then automatically switches to WindFree™ mode to maintain comfort without the need of any manual control.



Fast Cooling

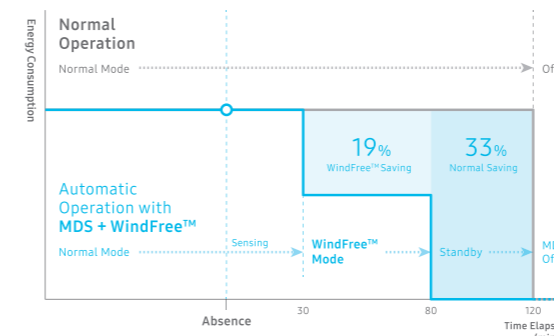


WindFree™ Cooling

If room reaches comfort zone

Reduce energy consumption intuitively.

The Motion Detect Sensor (MDS)* switches to **WindFree™** mode to conserve energy when no movement is detected after 30 minutes, before entering a standby mode after 50 minutes or returning to normal if it detects any activity. It also optimises the temperature to be 2°C higher or 2°C lower depending on the activity level of the occupants of the room. This intuitive switching helps reduce energy consumption by up to 50%** while keeping occupants comfortable-perfect for places that might be left unoccupied at times such as conference rooms, classrooms or gyms.



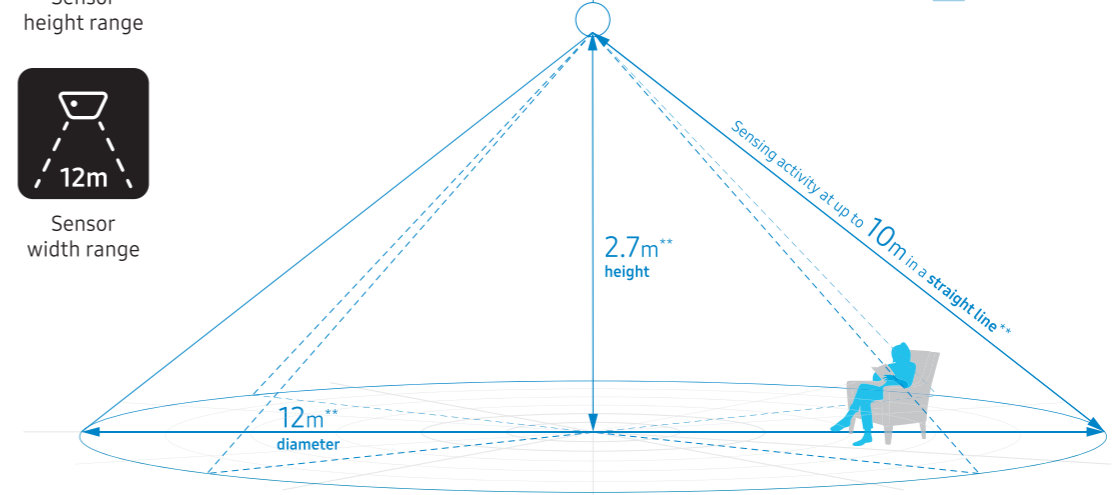
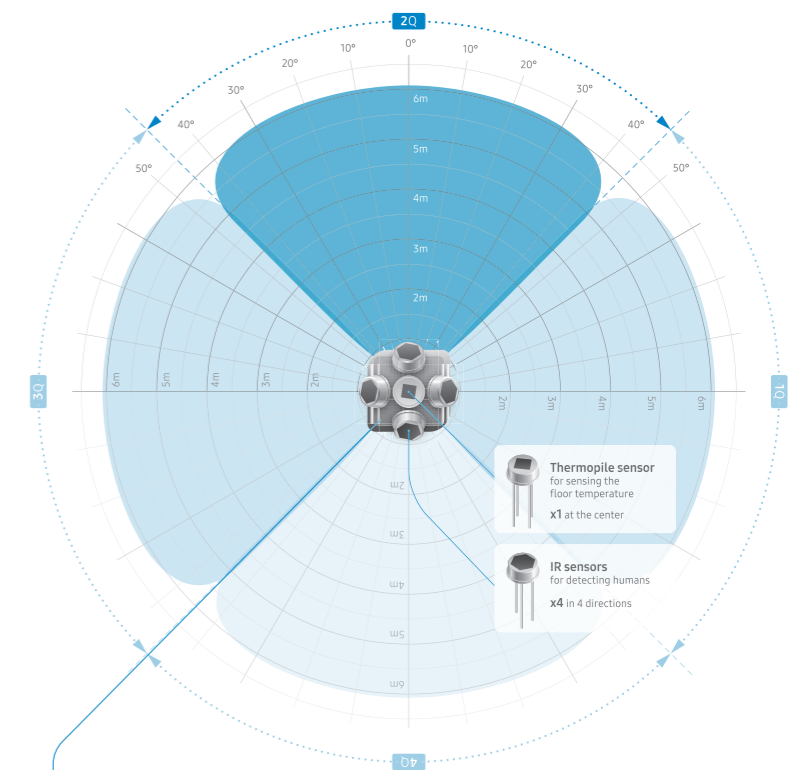
Detect presence



2.7m Sensor height range



12m Sensor width range



*This function is optional. An MDS Kit is required: MCR-SMC.

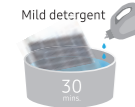
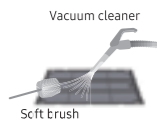
Based on internal testing of **WindFree™ models comparing up to 2 hours continuous operation after the start of the "away" mode vs. 80 minutes operation using the MDS setting. Operating conditions: outdoor unit: AC140RXADNG/EU, indoor unit: AC140RN4DKH/EU (panel: PC4NUFMAN). Standard cooling operation: outdoors (35°C DB / 24°C WB), indoors (27°C DB / 19°C WB). Results may vary depending on environmental factors and individual usage.

Easy to clean and care.

Filters and blades detach effortlessly and can be cleaned with water or a vacuum cleaner — saving costs on maintenance and frequent replacement purchases.

Step 01

Wash



Pre-Filter
Remove any dust or debris on the filter with water or using a vacuum cleaner.

PM1.0 Filter
Soak the filter in a solution of water and mild detergent for 30 minutes.

Step 02

Rinse and Air Dry



Rinse the filter and let it air dry for over 12 hours in a well-ventilated area that is out of direct sunlight.

Visible alerts for peace of mind.

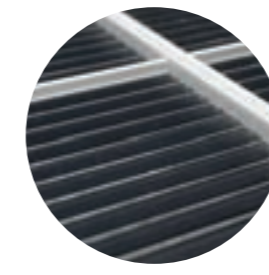
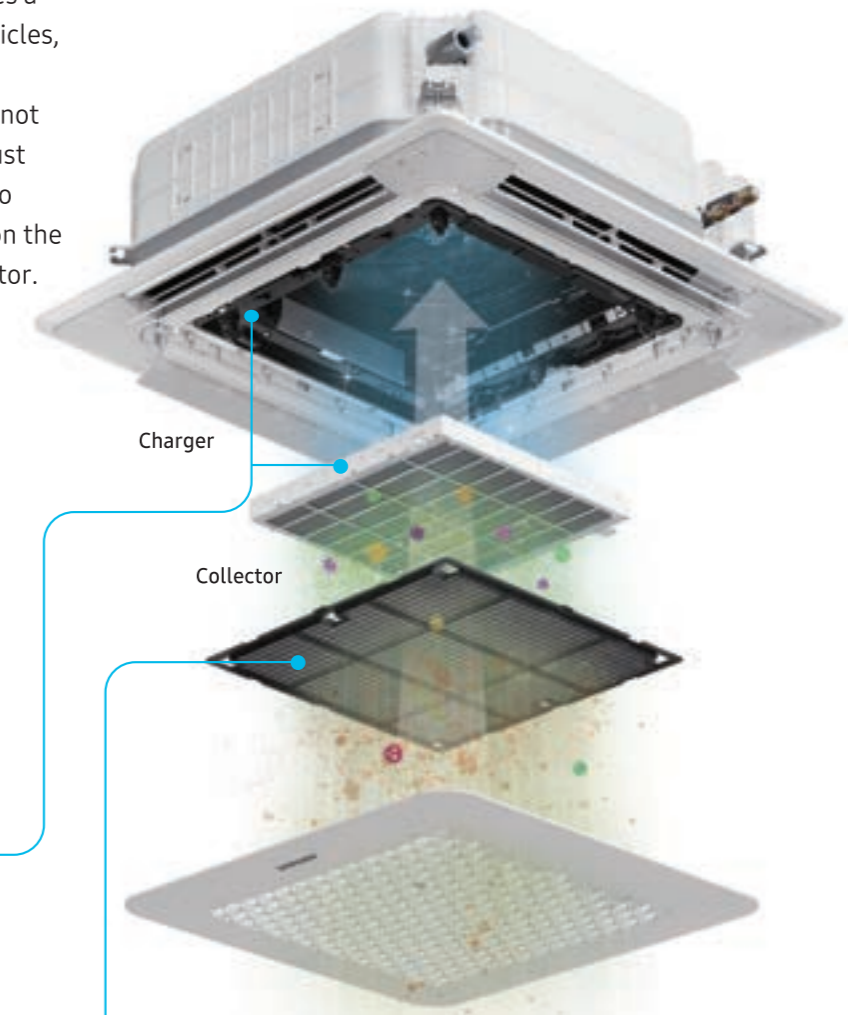
Be alerted to malfunctions in no time with the integrated Self-Diagnosis function. The embedded LED indicators and error code clearly identify cause of failure, enabling quicker troubleshooting and, preventing downtime, and inconvenience from a malfunctioning air conditioner.

Examples of relevant errors	LED lamp display			
	On/Off	Defrost	Timer	Filter
Error on indoor temperature sensor		●		
Error on heat exchanger sensor of the indoor unit	●	●		
Error on outdoor unit sensors	●		●	
Error on MDS (Motion Detect Sensor)	●			●
				● Flickering

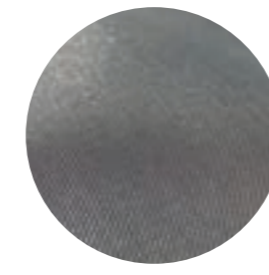


Engineered for cleaner air.

Breathe in pure, fresh air all day long with the Air Purification Panel. Featuring a 2-filter purification system, it includes a Pre-Filter to capture larger dust particles, stopping them from entering the air conditioner unit. A PM 1.0 Filter that not only effectively captures ultrafine dust (up to 0.3 μm) but also sterilises up to 99%* of bacteria that are collected on the filter using an electrostatic precipitator.



PM1.0 Filter



Pre-Filter

*Intertek Report No.: RT20E-S0010-R Date: APR. 17, 2020 (Revised) Based on the data collected the Hypothesis is accepted: The K-element (Electrostatic Precipitator) of Samsung Electronics can sterilize the certain types of bacteria that collected on the filter. (Escherichia coli: above 99 %, Staphylococcus aureus: above 99%).

360 Cassette

The 360 Cassette is designed to look good, feel better and perform effortlessly. With its unique circular shape, bladeless design and innovative airflow control, it cools every corner — quietly, evenly and stylishly.



Designed your way.

Make your air conditioner feel uniquely yours. Choose from square or circle panels, black or white finishes — or take it further with uniquely customised skins, featuring logos, flags or any graphics for a personal touch.

A shape that fits modern living.

The 360 Cassette's clean, minimal and circular design blends seamlessly into modern spaces while still making a statement.



Install how you like it.

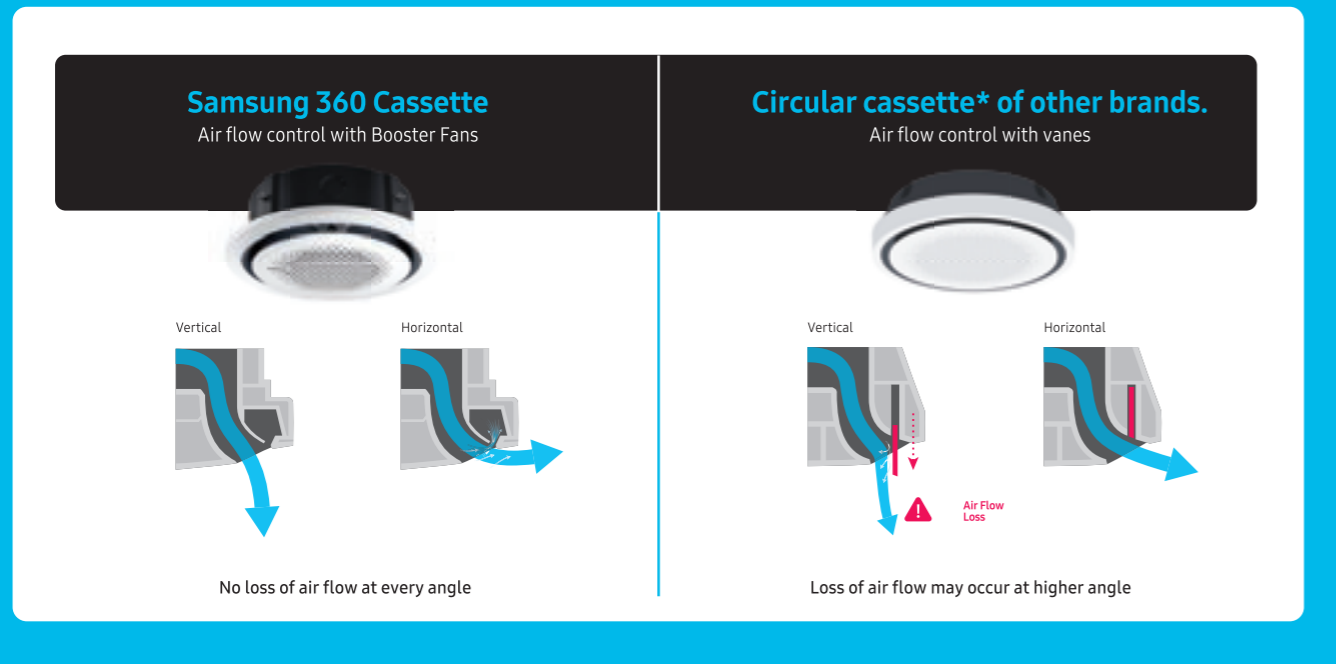
Install it discreetly into the ceiling for a sophisticated look or let it hang as a standout piece. The 2-way installation gives you full design flexibility while adding a touch of style to any room.



Rapid cooling with uninterrupted airflow.

The 360 Cassette expels air at a much lower angle—thanks to our unique bladeless design and patented Booster Fan technology*. This innovative system helps air move freely and consistently, resulting in 25% more airflow** that cools the room faster and more evenly across a wider area.

*Registered in Korea, USA, EU, Australia, Japan and other countries.
 **Based on internal testing compared to a general 4Waycassette air conditioner.



*For understanding purpose only

Gentle flow cooling.

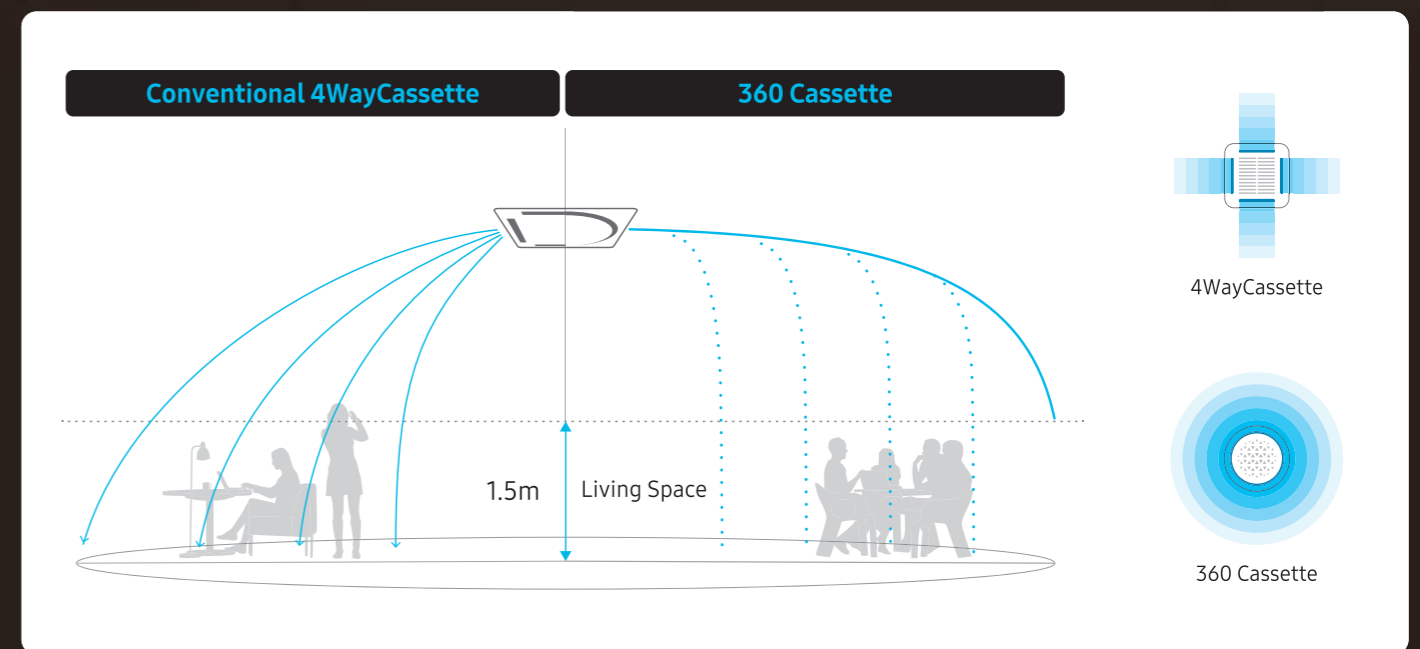
The 360 Cassette's 3 innovative Booster Fans create a low pressure area around the outlet, allowing cool air to spread farther along the ceiling before dropping gently — mimicking the effect of a natural breeze. The result? A soft, even airflow with no cold drafts or direct wind*.

*Within a 5m radius, no cold draft between 0–1.5m in height (with 14.0kW).



Even cooling everywhere you go.

Unlike a traditional 4WayCassette, the Samsung 360 Cassette sends air out in all directions through its signature circular outlet — reaching every single corner of a room for consistent cooling. It keeps temperatures even* without hot zones, creating a more comfortable environment from any angle.



*Samsung testing conventional to a general 4Waycassette type air conditioner.
 **Within a 9.3m radius the temperature difference is less than 0.6°C.



A perfect circle ensures perfect harmony with your own style.

The pleasing aesthetic of the 360 Cassette's circular design is the perfect way to enhance your interior surroundings. It also directs air uniformly in all directions, ensuring a fresh, natural and pleasant breeze that completely eliminates cold drafts. This unique combination of its visually stunning, yet extremely practical design led to the 360 Cassette winning the prestigious iF Award (International Forum Design Award) 2016.

End-to-end clean air.

The 360 Cassette offers Purifying Panel with a 2-step filtering system to keep the air clean. The Pre-Filter traps large dust particles and airborne contaminants before they enter the unit, while the PM1.0 Filter captures ultrafine particles (up to 0.3µm) and sterilises up to 99% of the trapped bacteria*. Its intuitive Air Purity Level display shows real-time air quality, so you're not only enjoying cool air but also breathing clean air.

*Verified by Intertek. Report Number RT20E-S0010-R. Issued Date: 17 April 2020. The element (Electrostatic Precipitator) sterilises 99.9% of staphylococcus aureus and escherichia coli that collected on the filter media surface. Performance based on testing in a test lab, results may vary.



PM1.0 Filter

Has an electrostatic charger that gives ultrafine dust, up to 0.3µm in size, a positive charge, so it becomes strongly attached to the ground plates.

PM1.0 Ultrafine particles	PM2.5 Fine particles	PM10 Coarse particles
Wine	Headier	Red blood cells
Bacteria	Printer toner	Car emissions
Cigarette smoke	Atmospheric	Smoke
	House dust	Hair
	Colloidal water	Household dust
		Sand
		Fluff
		Clay dust
		100µm



Pre-Filter

Blocks large particles, such as household dust, fibers, etc.



Korea Air Cleaning Association

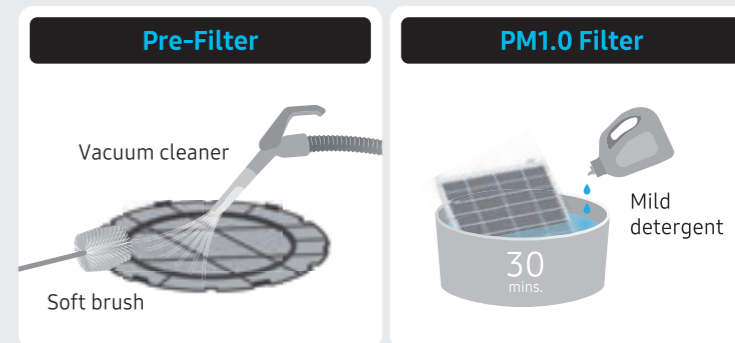
The filtration system of Samsung S60 Cassette has been certified by Korea Air Cleaning Association, based on testing using the standard KACA-CAC-2011.

*This function is optional. The number and shape of filters may vary by model.



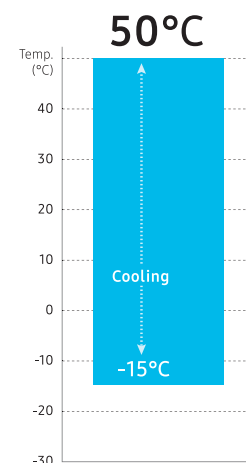
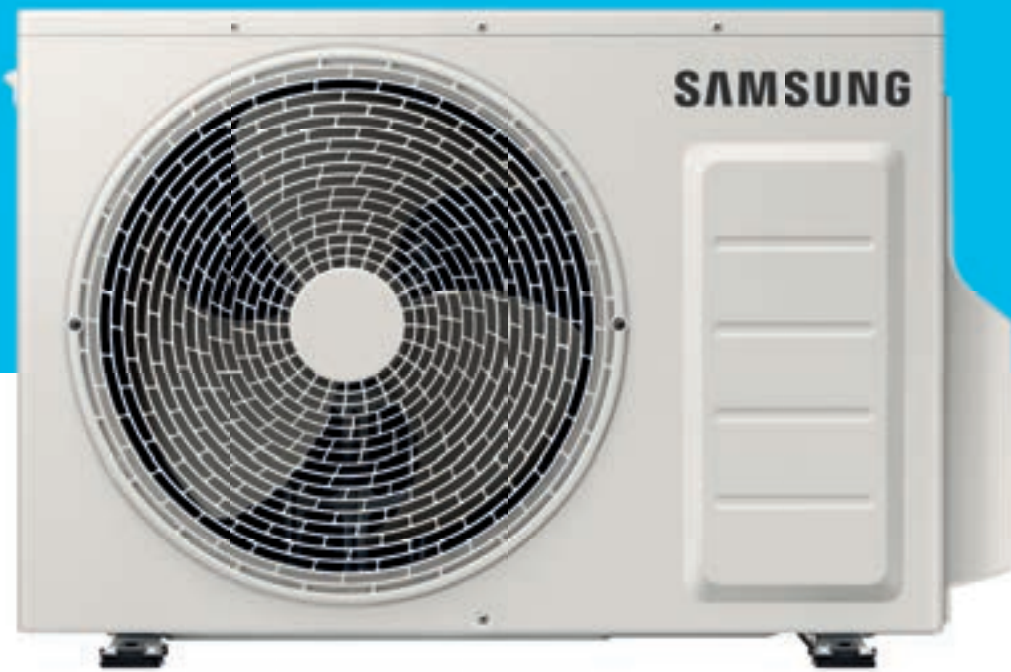
Quick and easy cleaning.

The semi-permanent PM1.0 Filter and Pre-Filter are washable and reusable—an added advantage to save on maintenance cost and frequent filter repurchase.



CAC Outdoor Unit.

The outdoor unit brings together performance, flexibility and sustainability. From universal compatibility to lower carbon emissions, they're the quiet force behind every chilled, comfortable space.

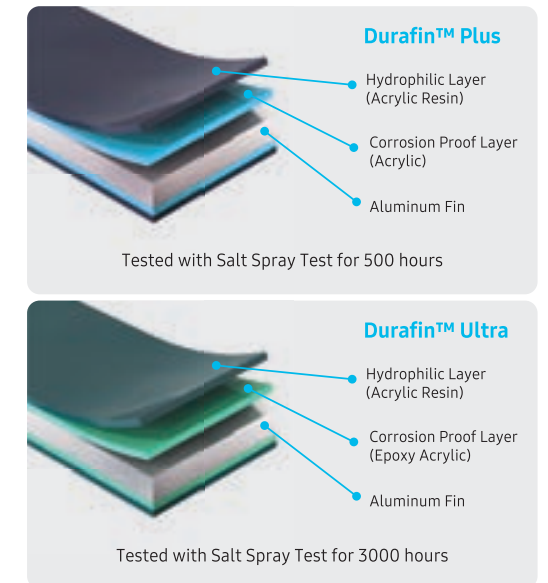


One outdoor unit, multiple indoor options.

Compatible with a wide range of indoor units, the universal outdoor unit simplifies system design and installation. Built for extreme conditions, it delivers reliable cooling, even in 50°C heat — making it ideal for diverse commercial spaces.

Tough on the outside.

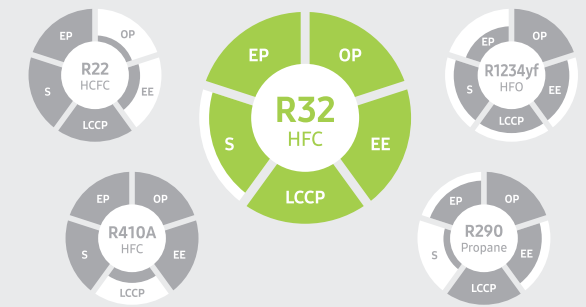
Designed for durability, the outdoor units feature Durafin™ Plus and Durafin™ Ultra* — engineered with copper tubes and anti-corrosion coated fins to protect the condenser from rust and maintain optimal Heat Exchanger performance. Its superb corrosion resistance has been rigorously tested and proven through Salt Spray Tests**.



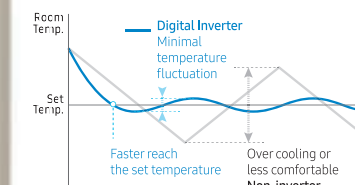
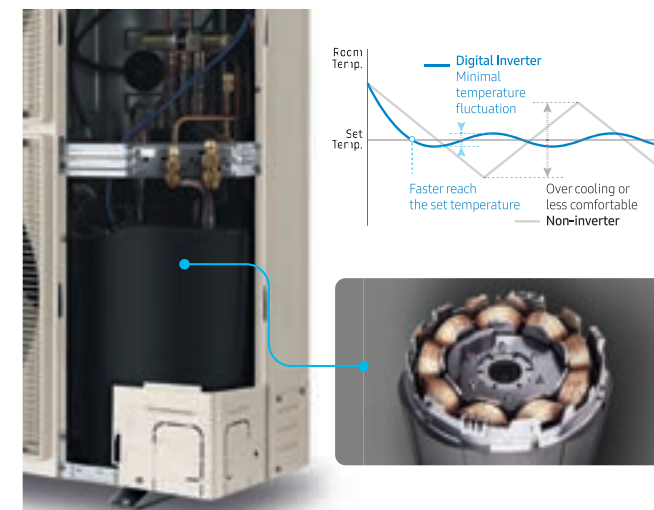
*Third party verification (TUV) received for internal test result. (Durafin™ Plus: 2.6/3.5/5.2/7.1 kW, Durafin™ Ultra: 10/12/14/16 kW) Application of Durafin™ Ultra may vary by model.
 **Based on internal test, no leak when applying pressure (42kgf/cm2) using nitrogen for 1 minute after a Salt Spray Test (SST) of over 3000 hours (The Durafin™ Ultra), 500 hours (The Durafin™ Plus) in accordance with ASTM B117/ISO 9227.

Good for the planet.

The Samsung CAC uses next-generation R32 refrigerant, which helps conserve the ozone layer and has a lower impact on global warming*. It also requires less refrigerant and cuts CO₂ emissions**—making it more environmentally friendly.



*GWP rating: R32 refrigerant = 675 vs. R410A refrigerant = 2088. Source: URL <https://www.teriin.org>
 **The Samsung CAC Single (R32) only requires 83% of the refrigerant used in a conventional system (R410A) of the same capacity. So the level of CO₂ emissions of the CAC Single (R32) is 540 (675 x 0.8), which is 73% less than the 2088 produced by a conventional system.



Every day energy-efficient comfort.

Unlike conventional fixed-speed compressors that shut off and switch on frequently, the Digital Inverter Technology automatically adjusts its speed in response to changes in room temperature. It means less fluctuation, less energy usage and more savings.

Specifications

Indoor Units



Type		1Way			360 CAC			
Model code		AC036FE1DKF/TL	AC052FE1DKF/TL	AC071FE1DKF/TL	AC071FE6DKF/TL	AC100FE6DKF/TL	AC140FE6DKF/TL	
Model name	Indoor unit	AC036FE1DKF/TL	AC052FE1DKF/TL	AC071FE1DKF/TL	AC071FE6DKF/TL	AC100FE6DKF/TL	AC140FE6DKF/TL	
	Outdoor unit	AC036FCADKF/TL	AC052FCADKF/TL	AC071FCADKF/TL	AC071FCADKF/TL	AC100FCADKF/TL	AC140FCADKF/TL	
	Star rating	★★★★☆	★★★★☆	★★★★☆	★★★★☆	★★★★★	★★★★★	
System	Capacity	Cooling (Min/Std/Max) [kW]	0.9/3.6/5	1.2/5.2/6.4	1.25/7.1/7.9	1.5/7.1/8.5	2.6/10.55/12	4.4/13.5/16.5
		EER Cooling	3.5	3.3	2.7	3.5	3	2.95
	Piping connection	Liquid pipe (ø,cm)	6.35 (1/4")	6.35 (1/4")	6.35 (1/4")	6.35 (1/4")	9.52 (3/8")	9.52 (3/8")
		Gas pipe (ø,cm)	9.52 (3/8")	12.7 (1/2")	15.88 (5/8")	15.88 (5/8")	15.88 (5/8")	15.88 (5/8")
		Installation max. length [m]	30	30	50	50	50	50
		Installation max. height [m]	20	20	30	30	30	30
Indoor unit	Power supply (ø, V,Hz)		1,2,220~240,50 Hz	1,2,220~240,50 Hz	1,2,220~240,50 Hz	1,2,220~240,50 Hz	1,2,220~240,50 Hz	1,2,220~240,50 Hz
	Fan	Airflowrate (High/Mid/Low) [CMM]	9.1/8/7.2	16.1/13.5/11.3	16.1/13.5/11.3	21.3/18.2/15.1	30.5 / 24.4 / 18.2	34.6 / 27.6 / 21.6
	Sound	Sound pressure (High/Mid/Low) [dB(A)]	37/35/32	46/42/38	46/42/38	36/33/30	44/39/33/31	47/43/38/36
	External dimension	Net weight (kg)	8.8	12.3	12.3	23	23	25.5
		Net dimensions (W x H x D) [cm]	97 x 13.5 x 41	120 x 13.8 x 45	120 x 13.8 x 45	94.7 x 36.5 x 94.7	94.7 x 36.5 x 94.7	94.7 x 36.5 x 94.7
	Panel size	Panel model	PC1NWFMANW	PC1BWFMANW	PC1BWFMANW	PC6NUSMANW	PC6NUSMANW	PC6NUSMANW
		Net dimensions (W x H x D) [cm]	119.8 x 3.4 x 50	141 x 3.4 x 50	141 x 3.4 x 50	100 x 7.4 x 100	100 x 7.4 x 100	100 x 7.4 x 100
Outdoor unit	Power supply (ø, V,Hz)		1,2,220~240,50 Hz	1,2,220~240,50 Hz	1,2,220~240,50 Hz	1,2,220~240,50 Hz	1,2,220~240,50 Hz	1,2,220~240,50 Hz
	External dimension	Net dimensions (W x H x D) [cm]	79 x 54.8 x 28.5	79 x 54.8 x 28.5	88 x 64.8 x 31	88 x 64.8 x 31	88 x 79.8 x 31	94 x 99.8 x 33
		Net weight (kg)	27.1	27.1	36.5	36.5	50	76.5
	Operating temperature range	Cooling (°C)	-15 ~ 50 °C	-15 ~ 50 °C	-15 ~ 50 °C	-15 ~ 50 °C	-15 ~ 50 °C	-15 ~ 50 °C