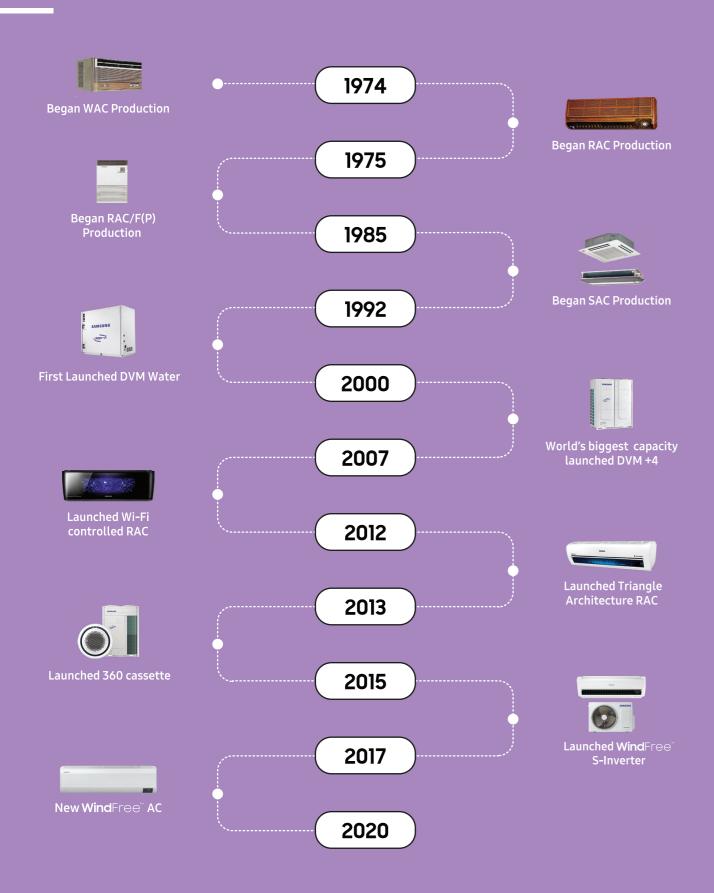




Room Air Conditioner Catalogue 2021

Our 46 years heritage



Worldwide recognition

Samsung is a world leader in air conditioning, having won various global awards for stunning design and advanced performance.



Most Trusted Brands Since 4 Years in a row (2016 - 2020)

Samsung, India's largest smartphones and consumer electronics brand, has been ranked India's Most Trusted Brand by brand intelligence firm TRA research. This is the fourth year in a row that Samsung has become India's Most Trusted Brand.

India's most trusted brand awards is the most recognized listing of India's 100 famous fastest growing brands that have played a significant role in the success of the country, and have unambiguously unveiled themselves as the next set of game changers serving through their various consumer-facing businesses. India's most trusted brand awards is a true recognition of excellence and appreciation of brands.



Efficiency and Innovation 2018

Organised by Fiera Milano International, Mostra Convegno Expocomfort/Expobagno 2018 aims 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 and Innovation Path". And the Samsung Digital Inverter 8-Pole has been recognised 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 honor for its innovative Wind-Free™ Cooling Technology.



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.



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.

The coolest features. Ever.

The refreshingly new range of Samsung ACs is here!
Loaded with innovations to create the
perfect environment for work, play or chill,
these ACs are all set to turn your summer into a cool breeze.

WindFree[™] cooling: Experience innovation and superior cooling with world's 1st **Wind**Free[™] AC

Convertible 5 in 1: Whether you work, play or chill, get the perfect cooling, with real time energy savings

Advanced hygiene filters: Stay protected with PM1.0 and Tricare filters

Complete control: Wi-Fi, Al auto cooling and Voice Control

All around cooling: 4-way and 2-way swing





New, premium design

Beautiful and modern

Air conditioners have never looked better with a slim profile, a big digital display, a larger Cooling fan. The Samsung 2021 range of Air Conditioners is not only efficient, but also perfect fit for your homes. The new series with varied floral patterns and sleek strip designs are trualy a breath of fresh air in air conditioning aesthetics.

Slim Design





Bigger Display





Cool. No Wind. WindFree™

WindFree[™] Cooling

Stay comfortably cool without unpleasant, direct wind.

WindFree" cools gently and quietly without the unpleasant feeling of cold wind on your skin. It disperses air through 23,000 micro air holes, creating a "Still Air" environment* with very low air speed and much less noise**. It consumes up to 77% less energy than Fast Cooling mode.***





Comfortable Cooling



When it reaches the target temperature it automatically changes to comfort cooling to keep you comfortable without feeling cold.



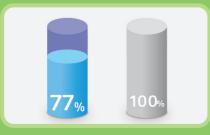
Low Noise



It reduces the refrigerant flow noise when operating at high speed and minimizes ambient noise during low speed operation.



Energy Saving



The compressor operates at its min Hz to maintain the desired temperature, and the fan motor of the indoor unit also rotates at its lowest.

Motion Detect Sensor

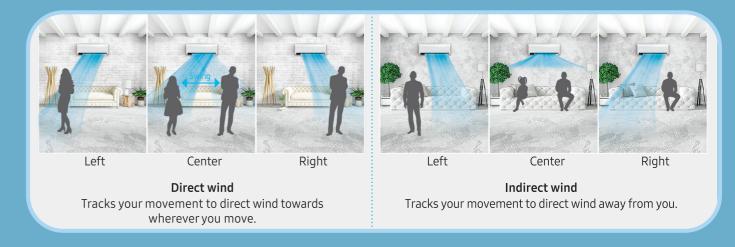
Tracks your movement. Cools efficiently and effectively.

The motion detect sensor starts 5 minutes after the AC is switched on. If there is no movement for up to 20 minutes* the AC will automatically switch to the **WindFree** mode to save energy. After 40 minutes the temperature increases by 2°C and after another 40 minutes it 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 does't blow air towards you.



Direct/Indirect Wind

This industry leading technology lets you direct the wind towards you or away from you. The sensor maps heat signals detecting human presence and changes wind direction as required.



PM1.0 Filter**

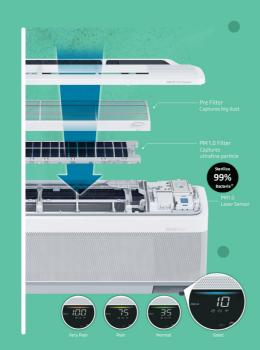
Always maintain clean indoor air with PM1.0 filter**

The PM1.0 Filter sterilizes the air by capturing ultrafine particles such as bacterial dust (.3um) by using an electrostatic precipitator.

It gets cleaned twice as faste as a PM 2.5 Filter and the washable filter is cost-effective to maintain.

As the weather changes you can use cooling and air purifying modes together or separately, keeping the air clean in your home all year round. That way, you enjoy the dual benefits of an Air Conditioner and Air Purifier

The semi-permanent PM1.0 Air purifying Filter is washable and reusable. With laser sensor, it will sense air quality and automatically clean itself with air purifying function



SAMERINE

Easy Filter+

Its now super convenient to keep your air conditioner working efficiently. The Easy Filter+ is located outside, on the top, so it can be taken out and cleaned easily. Its dense mesh keeps the Heat Exchanger clean. This easy self-maintenance helps you breathe pure air with no additional service cost.



Easy to detach

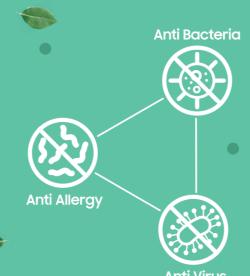


Easy to clean

Tri-Care Filter**



Keep the air hygienic and maintain the Heat Exchanger's performance with a Tri-Care Filter. The Zeolite coating on the filter not only captures fine dust particles, but also provides triple protection against harmful bacteria, viruses and allergens. It has 3 layers, including a high-density filter that extracts large dust particles, fibers and animal hairs. It reduces up to 99%* harmful bacteria, up to 99%* viruses and up to 98%* allergens.

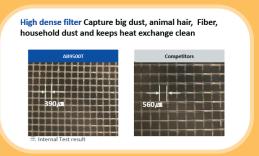


"PM 1.0 is only available on windfree models. * As per intertak test report. Report number RS20E-S0024. *Test Standard: KS K 0693: 2016 (for Anti Bacteria). * Test No.: T1910059 (for Anti Allergy) Test Standard: DIN 71460-1:2006 (for PM10) virus: bacteriophage MS2 (for Anti –Virus). * The Filter performance is a test result for filter material. Tested on model AR12AY5ACWK "Tri Care Filter available in selected models.

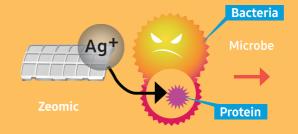
Anti bacteria and dust filter



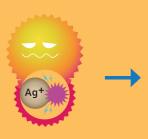
The high density (HD) Anti bacteria and dust filter protects you from dangerous air-borne contaminants. It captures large dust particles, animal hairs and fibres, while keeping the heat exchanger clean. It has an anti-vacterial coating for enhanced protection.



Antimicrobial Function







Silver ion reacts with the protein in bacteria.



(3) The reaction hinders cell divisi

3-Step Auto Clean

Keep the inside of your Air Conditioner clean with the Auto Clean function, that automatically dries the Heat Exchanger using a 3-step process. It helps reduce moisture by blowing air for up to 30 minutes.



Step 1 : 10 mins Auto Clean with blade open.

Step 2: After checking internal humidity and temperature, Auto clean with blade closed for 10 minutes

Step 3 : Checks humidity and temperature once more and continues for another 10 minutes if necessary .

To activate Auto Clean press "options" button for at least 3 seconds





ay] [Remote Controller]



Convertible 5 in 1 AC #WorkPlayChill

Home Alone Mode Eco Mode Pleasant Mode Normal Mode Party Mode



40% power input*.

Perfect all-day cooling for one, along with maximum power savings.





80% power input*.

Keeps it pleasant for three. Saves energy.



60% power input*.

Round-the-clock cooling, ideal for two people, with great power savings.



100% power input*.

Enough cooling to keep a room of four totally chilled.



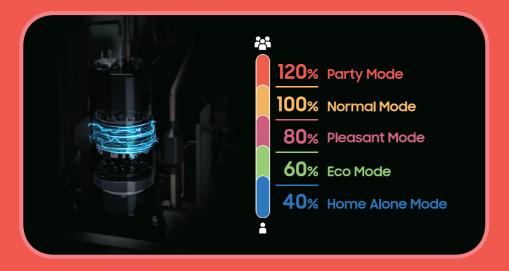
120% power input*.

For maximum cooling power on special occasions with five or more people.



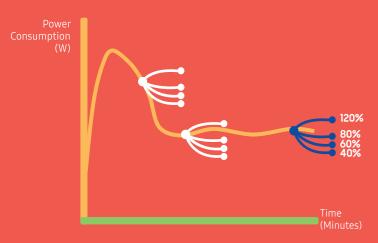
*Power consumption may vary model to model from other factors as well not limiting to

Convertible 5 in 1 Modes



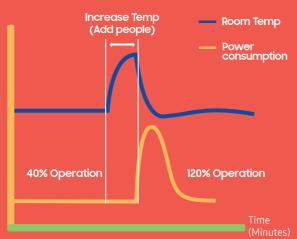


Mode for every mood. Whether you are hosting a big party at your place or working alone or chilling with your loved ones, Samsung Convertible 5 in 1 is a perfect Air conditioner that lets you control power input real time with cooling requirements as per your needs. This option lets you to create the perfect environment with precise cooling basis requirements, and provide greater control over energy consumption and savings.



Based on current indoor Cooling Load

Convertible 5 in 1 AC can be switched to different modes with Real-Time Inverter Energy Control for



120% Operation scenario - Fast Cooling

1. Operating 40% for energy saving.

3. Fast cooling through 120% operation.

5.0	tep*	1.0	Ton		2.0 Ton		
33	rep	4 Star	5 Star	3 Star	4 Star	5 Star	4 Star
	120% ↑	1176	960	1920	1788	1488	2184
	100%↓	980	800	1600	1490	1240	1820
POWER (W)	80%↓	784	640	1280	1192	992	1456
(,	60%↓	588	480	960	894	744	1092
	40% ↓	392	320	640	596	496	728

Wi-Fi Welcome cooling

Forget the outside world in an instant when you step into the comfort of your perfectly cooled room.

With the SmartThings app, you can switch on your AC remotely, over Wi-Fi, and set it to your favorite setting, so that you get the perfect welcome* when you come home.

And in case you forget to switch off your AC, the SmartThings app will remind you, and help you turn it off, even after you've left the room.



- Minimum indoor temperature conditions for turning on the air conditioner Default Geo fencing set at 250 meters, user can extend the range up to 2 kilometers
- Set up frequently used periods for efficient energy use in peak season In order to activate the function, Prior consent on providing GPS information is required

Wi-Fi Smart Control



Enjoy smart home with an app

Control it anywhere

Create your own mode

Energy consumption monitoring













Al Auto Cooling

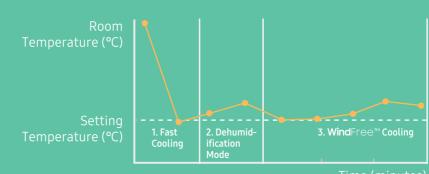
Automatically optimizes the cooling by analyzing your usage behavior*.

Based on your preferred temperature and the outside temperature, AI Auto Cooling automatically switches to the most appropriate mode, to maintain the optimal room conditions and keep you feeling comfortable.





Mode optimization



- 1 Cools down the room fast with Fast Cooling mode.
- On reaching the set temperature, automatically changes to **Wind**Free */ cooling mode to maintain the desired temperature.

^{*} A Wi-Fi connection and a Samsung account are required. Stores user data, preferences and usage patterns to suggest the most useful options.
*WindFree™ mode only available on WindFree™ models.

Voice Control with Bixby, Amazon, Google

Operate your Samsung AC with your voice. Control a wide range 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 Degrees
- Set air conditioner to Cool (Dry/Heat/Purify/Al)-(Google voice device only)
- Set air conditioner speed to Auto (Low/Medium/High/Turbo/Windfree) -(Google voice device only)





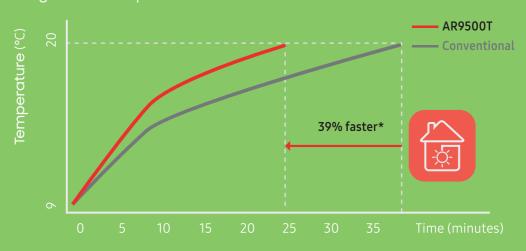
Hot and cold ACs



An Air conditioner that keeps you comfortable in all seasons. Keep yourself cool during summer and warm during winter. The Fast Heating Mode quickly distributes warm air to every corner of your room. Thanks to its unique design, it heats areas quickly, reaching desired temperatures fater than conventional models.

Fast Heating (H/P only)

The Fast Heating Mode quickly distributes warm air to every corner of your room, reaching desired temperatures faster than conventional models.



* Internal test result. Fast mode, when heating from 9°C to 20°C. Tested on AR12AX4ZAWK Compared with conventional AQ12EASI

Wide airflow with 4 Way Auto Swing

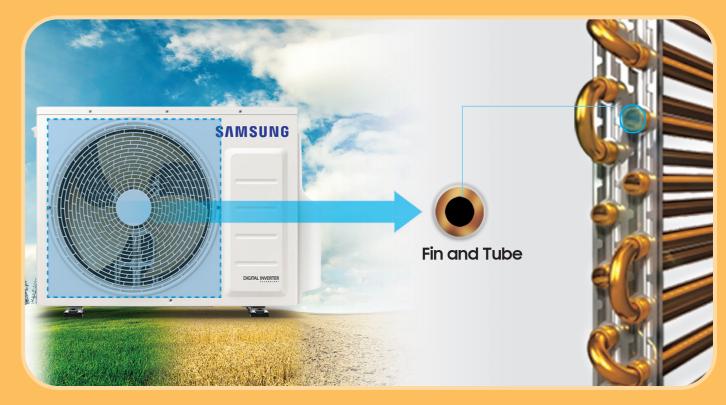
4 Way Auto Swing with wider coverage of air throw helps spread cool air faster and farther, providing even cooling across the room.





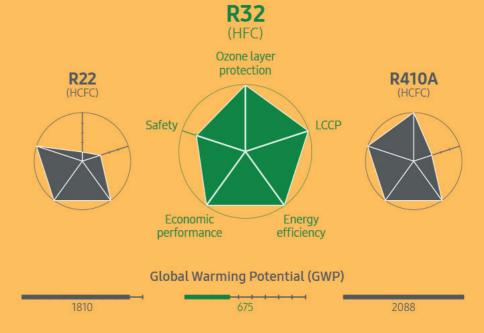
100% Copper Condenser

Topper condenser is made of copper tubes and anti corrosion coated fins to prevent rusting. This helps maintain optimal performance of the heat exchanger. Its superb corrosion-resistance was proven using the salt spray test (SST) for 480 hours*



R32 gas

Protect the planet by reducing the impact of climate change. The air conditioner uses the next generation R32 refrigerant*, which helps conserve the ozone layer and has a lower impact on global warming compared to the conventional R22 or R410A refrigerants.

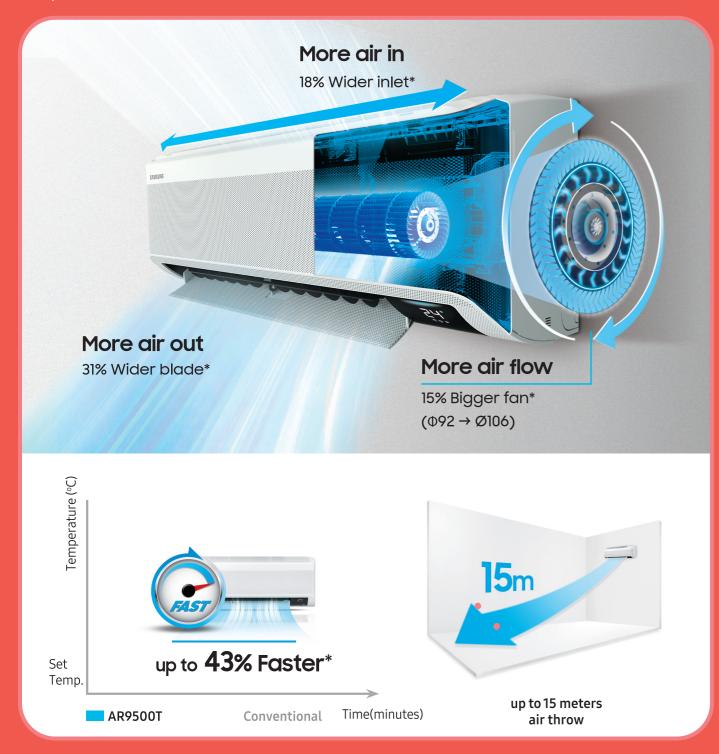


^{*}Salt spray test (SST) tested on the AR12AY5ACWK model

^{*}Tested on R32 refrigerant and compared with Samsung conventional refrigerants R410A and R22.

Turbo Cooling

Cools up to 43% faster* from corner to corner.



Turbo cooling with Digital Inverter Technology dramatically shortens the time it takes for the compressor to reach maximum power when it starts operating, so it cools the air up to 43% faster*. Cool air is dispersed farther and wider into every corner of the room, reaching up to 15 meters.

Triple Protector Plus

Long-lasting performance with advanced durability and protection from power surges*.



1. Compressor Protector

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



Compressor protection range

2. Controller Protector

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



Controller protection range

3. Fin Protection

The Condenser is designed with strong corrosion-resistant material to prevent rusting It is made thicker, so it can ensure harsher conditions.



100% Copper

^{*}The external weather or conditions may impact the performance of the outd

Voltage Fluctuation Protector

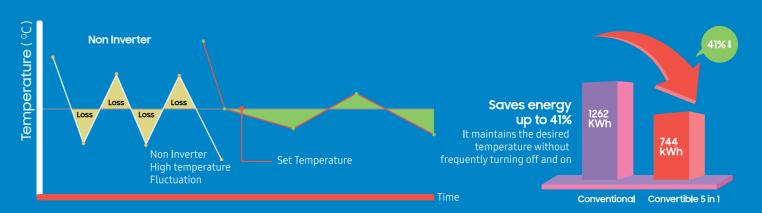
Electronic items in the household are at high risk due to voltage fluctuation, that can render them useless in seconds. The Voltage Fluctuation Protector protects the AC against sudden voltage surge or drop. With a 130Vac - 290Vac* operating range, your AC can even operate stably through low voltages.



Additional features

Digital Inverter Technology

Save money every day with the highly energy-efficient Digital Inverter Technology. It maintains the desired temperature with less fluctuation and it reduces energy usage by up to 41%*.



Smart installation

Rest assured that setting up your Samsung air conditioner can never go wrong. This is because the Smart Installation provides confirmation to the user through the digital display after the service and set-up is complete. So now you are not only getting effective cooling, but a seamless installation experience as well.



How to use Smart Installation* Function

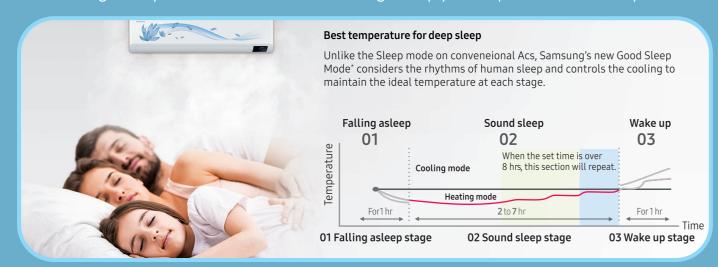
- **Step 1:** Press the "Set/Cancel or Cancel" and "Mode" and "Power" buttons simultaneously for 4 sec.
- **Step 2:** As the smart installation function starts, the display will be as under:
- Type 1: 0-99, on the indoor unit, will be displayed during "Smart Install" operation.
- Type 2: LED on the display of indoor unit will blink in sequence and will keep blinking repeatedly.

* Tested on the AR12AY5ACWK model compared with the Samsung conventional model AR18JC2TFUR/N

Additional features

WindFreeTM Good Sleep

Provides the right temperature with WindFree™ cooling to help you sleep more comfortably.



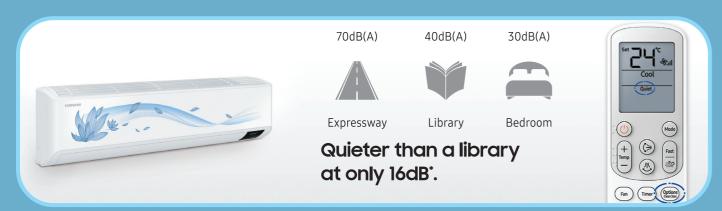
It creates the ideal climate in your bedroom for sleeping - without unpleasant cold air flow, and keeps you comfortable throughout the night.

Dehumidification Mode

When you set your Air Conditioner to Dry Mode, it acts as a dehumidifier and removes excess humidity from the room without lowering the temperature significantly. In Dehumidification mode excess humidity is removed and the air conditioner operates in the Cool mode.

Super Silent

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



5 Year Comprehensive Warranty*

At Samsung we know that every product that leaves the factory is of the highest quality. That's why we provide best in class warranty for our products.



Copper Condenser stands the toughest of conditions to give you unmatched cooling performance. We offer a 5 year warranty on our Copper Condenser*. Gas recharge is also covered when the condenser is getting replaced under the warranty period.



Samsung ensures the highest quality by providing 5 Year warranty on PCB Controller (on both indoor and outdoor units).



The Fan Motor is an important unit for the whole AC to provide optimal cooling. Samsung Air Conditioners are equipped with a high quality fan motor which comes with a 5 year part warranty.



Evaporators inside the Samsung Air Conditioners are the secret ingredient that ensures the best exchange of heat providing the most comfortable cool. air, Samsung offers a 5 year warranty on super efficient Evaporator coil.



Samsung Air Conditioners come with a 10 year warranty on the highly efficient Digital Inverter Compressor.

Promotional offers



AC being a service oriented product needs to be installed correctly. In order to ensure peace of mind and add more delight, Samsung ACs come with Free standard installation Offer*.



Range





Range





Range





Range





Model Specifications

Range				WindFree									Convertible 5-in-1								
Series			WindFree 3.0 SERIES					Convertible 5-in-1 Geo series							ble 5-in-1 series				Geo serie		
Model Code			AR12AY5ACWK	AR18AY5ACWK	AR18AY4ACWK	AR12AY5YATZ	AR12AY4YATZ	AR18AY5YATZ	AR18AY4YATZ		AR18AY3YBTZ	AR24AY4YATZ	AR12AY5YATA	AR12AY4YATA	AR18AY5YATA	AR18AY4YATA	AR18AY3YBTA	AR24AY4YATA	AR12AY4YAWK	AR18AY5YAWK	AR18AY4YAWK
	Color- Body/Strip)		Plain White			Paradis	e Bloom Paradise Patte	rn		Paradise Bloom	Paradise Pattern			Delight	Pattern				Plan Whi	te
-	Energy Grade (5 X 1.0	5 X 1.5	4 X 1.5	5 X	4 X 1.0	5 X	4 X 1.5		3 X 1.5	4 X	5 X 1.0	4 X 1.0	5 X 1.5	4 X 1.5	3 X 1.5	4 X 2.0	4 X 1.0	5 X 1.5	4 * 1.5
	Capacity	Ton kW	3.20	5.00	5.00	1.0 3.20	3.30	1.5 5.00	5.00		5.00	2.0 6.00	3.20	3.30	5.00	5.00	5.00	6.00	3.30	5.00	5.00
Performance	ISEER Cooling	W/W				5.01	4.02	5.20	4.12		3.71	4.01	5.01	4.02	5.20	4.12	3.71	4.01	4.02	5.20	4.12
-	Air Circulation (I Moisture Rem		1.5	2.0	2.0	12.40	11.90 1.5	19.30 2.0	15.30 2.0		13.80	19.30 2.5	12.40 1.5	11.90 1.5	19.30 2.0	15.30 2.0	13.80	19.30 2.5	11.90 1.5	19.30 2.0	15.30 2.0
	Noise Level Pressure	Indoor High/Low (dB)				42/21 49	40/21 49	45/24 47	45/26 53		45/26 53	45/26 53	42/21 49	40/21 49	45/24 47	45/26 53	45/26	45/26	40/21 49	45/24 47	45/26 53
		Outdoor High (dB) Operating Current				4.10	4.60	5.60	6.60		7.50	8.10	4.10	4.60	5.60	6.60	53 7.50	53 8.10	4.60	5.60	6.60
Electrical Data	Energy Efficiency	(Cooling, (A)) Power Consumption				800	980	1240	1,490		1700	1820	800	980	1240	1490	1700	1820	980	1240	1490
Data	Power Source	(Cooling, (W)) V/Hz/Φ	230 / 50 / 1	230 / 50 / 1	230 / 50 / 1		230 / 50 / 1	230 / 50 / 1	230 / 50 / 1		230 / 50 / 1	230 / 50 / 1	230 / 50 / 1	230 / 50 / 1	230 / 50 / 1	230 / 50 / 1	230 / 50 / 1	230 / 50 / 1	230 / 50 / 1	230 / 50 / 1	230 / 50 / 1
	Net 'Dimension	Indoor	2507 507 1	25075071	23073071	82.0x29.9x21.5	82.0x29.9x21.5	1.06mx29.9x21.5	88.9x29.9x21.5		82.0x29.9x21.5	1.06mx29.9x21.5	82.0x29.9x21.5	82.0x29.9x21.5	1.06mx29.9x21.5	88.9x29.9x21.5	82.0x29.9x21.5	1.06mx29.9x21.5	82.0x29.9x21.5	1.06mx29.9x21.5	88.9x29.9x21.5
-	(WxHxD)cm Net Weight	Outdoor Indoor				72.0x54.8x26.5 8.9	72.0x54.8x26.5 9.0	88.0x63.8x31.0 11.4	72.0x54.8x26.5 10.1		72.0x54.8x26.5 9.3	88.0x63.8x31.0 11.6	72.0x54.8x26.5 8.9	72.0x54.8x26.5 9.0	88.0x63.8x31.0 11.4	72.0x54.8x26.5 10.1	72.0x54.8x26.5 9.3	88.0x63.8x31.0 11.6	72.0x54.8x26.5 9.0	88.0x63.8x31.0 11.4	72.0x54.8x26.5 10.1
	(kg)	Outdoor				25.8	24.3	37.0	27.8		28.5	38.5	25.8	24.3	37.0	27.8	28.5	38.5	24.3	37.0	27.8
	Piping	Piping Length (Max, m)				15	15	30	20		20	20	15	15	30	20	20	20	15	30	20
Tookaissi	Length & Height	Piping Height				8	7	15	12		12	12	8	7	15	12	12	12	7	15	12
Technical Information	Refrigerant Type	(Max, m) Type	R32	R32	R32	R32	R32	R32	R32		R32	R32	R32	R32	R32	R32	R32	R32	R32	R32	R32
		Charge (kg) Liquid (OD) cm				0.77	0.55 0.64	1.10 0.64	0.75 0.64		0.75 0.64	1.00 0.64	0.77 0.64	0.55 0.64	1.10 0.64	0.75 0.64	0.75 0.64	1.00 0.64	0.55 0.64	1.10 0.64	0.75 0.64
	SVC Valve	Gas (OD) cm				0.64	0.64	1.27	1.27		1.27	1.59	0.64	0.64	1.27	1.27	1.27	1.59	0.64	1.27	1.27
		Wind-Free MDS (direct/Indirect	•	•	•	-	-	-	-		-	-	-	-	-	-	-	-	-	-	-
	Operating Mode	MDS (direct/Indirect Air flow)	•	•	•	-	-	-	-		-	-	-	-	-	-	-	-	-	-	-
	Mode	Convertible 5-in-1 Modes				•	•	•	•		•	•	•	•	•	•	•	•	•	•	•
		PM 1.0 Filter		•	•	-	-	-	-		-	-	-	-	-	-	-	-	-	-	-
		Tri-Care Filter HD Filter (Anti-Bac-				•	•	•	•		•	•	-	-	-	-	-	-	-	-	-
	Air Purification	teria /Dust)											•	•	•	•	•	•	•	•	•
		Easy Filter + Auto Clean (Self	•	•	•	•	•	•	•		•	•	•	•	•	•	•	•	•	•	•
		Cleaning)		•	•	•	•	•	•		•	•	•	•	•	•	•	•	•	•	•
		WiFi Smart Things App	<u> </u>	•	•	•	-	•	-			-	=	-	-		-	-	-	-	-
		Control		•	•	•	-	•	-		-	-	-	-	-	-	-	-	-	-	-
		Al Auto Cooling Voice Control-Bix-	•	•	•	•	-	•	-		-	-	-	=	=	-	-	-	-	-	-
	Smart Features	by/Google Home/ Amazon		•	•	•	-	•	-		-	-	-	-	-	-	-	-	-	-	-
		Welcome Cooling	•	•	•	•	-	•	-		-	-	-	-	-	-	-	-	-	-	-
		Smart Weather Guide		•	•	•	-	•	-		-	-	-	-	-	-	-	-	-	-	-
		Energy Monitoring					-		_		_	_	_			_	_	_	-	_	_
		(through smart things App)		•	•	•	-	•	-		-	-	-	-	-	-	-	_	-	-	-
		Failure Diagnosis (through smart					_		_			_		_		_	_	_	_	_	_
Features		things App)		_		-		-													
		Smart Installation Fast Cool	:	•	•	•	•	•	•		•	•	•	•	•	•	•	•	•	•	•
		Good Sleep	•	•	•	•	•	•	•		•	•	•	•	•	•	•	•	•	•	•
		Dehumidification Fan Mode	•	•	•	•	•	•	•	+	•	•	•	•	•	•	•	•	•	•	•
	Convenience	Filter Cleaning		•	•	•	•	•	•		•	•	•	•	•	•	•	•	•	•	•
		Indicatior Indoor Temp. Display		•	•	•	•	•	•	<u> </u>	•	•	•	•	•	•	•	•	•	•	•
		Beep On/Off 24-Hour Timer / Real	•	•	•	•	•	•	•		•	•	•	•	•	•	•	•	•	•	•
		Timer	•	•	•	•	•	•	•		•	•	•	•	•	•	•	•	•	•	•
		Auto Restart Up/Down Swing	Auto	Auto	Auto	Auto	Auto	• Auto	• Auto		Auto	• Auto	• Auto	• Auto	• Auto	• Auto	Auto	Auto	• Auto	• Auto	• Auto
		Left/Right Swing	Auto	Auto	Auto	Auto	Auto	Auto	Auto		Auto	Auto	Manual	Manual	Manual	Manual	Manual	Manual	Manual	Manual	Manual
	Air Flow	Air Flow Control Step (Cool/Fan)	5/4	5/4	5/4	5/4	5/4	5/4	5/4		5/4	5/4	5/4	5/4	5/4	5/4	5/4	5/4	5/4	5/4	5/4
		Auto Fan speed	•	•	•	•	•	•	•		•	•	•	•	•	•	•	•	•	•	•
	Voltage Destruction	Voltage fluctuation protector	•	•	•	•	•	•	•		•	•	•	•	•	•	•	•	•	•	•
	Voltage Protection	low voltage de-			•	•			•		•	•	•	•	•		•		•		•
		tection Anti-corrosion	•	•	•	•	•	•	•		•	•	•	•	•	•	•	•	•	•	•
		Fin/ Compressor		•	•	•	•	•	•		•	•	•	•	•	•	•	•	•	•	•
	Triple Protector Plus	Protector/ PBA Protector	•	•	•	•	•	•	•		•	•	•	•	•	•	•	•	•	•	•
		Compressor Type Condensor TYPE	BLDC Copper	BLDC Copper	BLDC Copper	BLDC Copper	BLDC Copper	BLDC Copper	BLDC Copper		BLDC Copper	BLDC Copper	BLDC Copper	BLDC Copper	BLDC Copper	BLDC Copper	BLDC Copper	BLDC Copper	BLDC Copper	BLDC Copper	BLDC Copper
Cool	ling/Heating Range	Cooling (°C)	15~52	15~52	15~52	15~52	15~52	15~52	15~52		15~52	15~52	15~52	15~52	15~52	15~52	15~52	15~52	15~52	15~52	15~52
2001	g, reading range	Heating (°C) Connecting Pipe	-	-	-	-	-	-	- •		-	-	-	-	•	-	-	-	-	-	-
Ir	nstallation Parts	Connecting Wire		•	•	•	•	•	•		•	•	•	•	•	•	•	•	•	•	•
		Power Cord Compressor	10	10	10	10	10	10	10	1	10	10	10	10	10	10	10	10	10	- 10	10
	Warranty	Comprehensive	5	5	5	5	5	5	5		5	5	5	5	5	5	5	5	5	5	5
		warranty								1			·		<u> </u>						

Model Specifications

0				Canadilla				blof in 1						- 6	blo Fin 1		On Off							
Range Series				Convertible 5-in-1 Geo series			Converti Airise	ble 5-in-1 Series				vertible 5-in-1 virise Series			Airise Series (I	Hot & Cold Acs)	Converti	ble 5-in-1 Airise	e Series		Ult	On ima		ima
	Model Code			AR18AY3YBWK	AR24AY4YAWK	AR12AY4ZAUS	AR18AY5ZAUS	AR18AY4ZAUS	AR18AY3ZBUS	AR12AY4ZAPG		AR18AY5ZAPG	AR18AY4ZAPG	AR18AY3ZBPG	AR12AX4ZAWK	AR18AX4ZAWK	AR12AY4ZAWK	AR18AY5ZAWK	AR18AY4ZAWK	AR18AY3ZBWK	AR12TG3BBWK	AR18TG3BBWK	AR12RG3BAWK	AR18RG3BAWK
	Color- Bod			Plain white				e Strip Design		Evening Flower Wine Strip Design			Flower Wine Stri			ip Design			rip Design		Brown Strip		Blue Strip	
Defermen	Capacity	y Grade (Star Rating) Ton kW W/W	4 X 1.5	3 X 1.5 5.00 3.71	4 X 2.0	4 X 1.0 3.30 4.02	5 X 1.5 5.00 5.20	4* 1.5 5.00 4.12	3* 1.5 5.00 3.71	4 X 1.0 3.30 4.02		5 * 1.5 5.00 5.20	4 X 1.5 5.00 4.12	3 X 1.5 5.00 3.71	4 X 1.0	4 X 1.5 5	4 X 1.0 3.30 4.02	5 * 1.5 5.00 5.20	4 X 1.5 5.00 4.12	3 X 1.5 5.00 3.71	3* 1.0 3.20 3.59	3 * 1.5 5.00 3.58	3 X 1.0 3.20 3.59	3* 1.5 5.00 3.58
Performance	Air Circ	ulation (Max, m³/min) ture Removal (l/hr) Indoor High/Low (dB) Outdoor High (dB)	2.0	13.80 2.0 45/26 53	2.5	11.90 1.5 40/21 49	19.30 2.0 45/24 47	15.30 2.0 45/26 53	13.80 2.0 45/26 53	11.90 1.5 40/21 49		19.30 2.0 45/24 47	15.30 2.0 45/26 53	13.80 2.0 45/26 53	1.5	2.0	11.90 1.5 40/21 49	19.30 2.0 45/24 47	15.30 2.0 45/26 53	13.80 2.0 45/26 53	13.00 1.5 42 / 32 53	19.00 2.0 44 / 36 54	13.00 1.5 42 / 32 53	19.00 2.0 44 / 36 54
Electrical	Energy Efficiency	Operating Current (Cooling, (A)) Power Consumption		7.50		4.60	5.60	6.60	7.50	4.60		5.60	6.60	7.50			4.60	5.60	6.60	7.50	4.23	6.24	4.23	6.24
Data	Power Source Net 'Dimension	(Cooling, (W)) V/Hz/Φ	230 / 50 / 1 88.9x29.9x21.5	1700 230 / 50 / 1 82.0x29.9x21.5	230 / 50 / 1 1.06m x29.9x21.5	980 230 / 50 / 1 82.0x29.9x21.5	1240 230 / 50 / 1 1.06m x29.9x21.5	1490 230 / 50 / 1 88.9x29.9x21.5	1700 230 / 50 / 1 82.0x29.9x21.5	980 230 / 50 / 1 82.0x29.9x21.5		1240 230 / 50 / 1 1.06mx29.9x21.5	1490 230 / 50 / 1 88.9x29.9x21.5	1700 230 / 50 / 1 82.0x29.9x21.5	230 / 50 / 1 82.0x29.9x21.5	230 / 50 / 1 88.9x29.9x21.5	980 230 / 50 / 1 82.0x29.9x21.5	1240 230 / 50 / 1 1.06mx29.9x21.5	1490 230 / 50 / 1 88.9x29.9x21.5	1700 230 / 50 / 1 82.0x29.9x21.5	920 230 / 50 / 1 80.0x29.5x23	1410 230 / 50 / 1 1.0mx29.5x23.0	920 230 / 50 / 1 80.0x29.5x23	1410 230 / 50 / 1 1.0mx29.5x23.0
	(WxHxD)cm Net Weight (kg)	Outdoor Indoor Outdoor	72.0x54.8x26.5	72.0x54.8x26.5 9.3 28.5	88.0x63.8x31.0	72.0x54.8x26.5 9.0 24.3	88.0x63.8x31.0 11.4 37.0	72.0x54.8x26.5 10.1 27.8	72.0x54.8x26.5 9.3 28.5	72.0x54.8x26.5 9.0 24.3		88.0x63.8x31.0 11.4 37.0	72.0x54.8x26.5 10.1 27.8	72.0x54.8x26.5 9.3 28.5	72.0x54.8x26.5	72.0x54.8x26.5	72.0x54.8x26.5 9.0 24.3	88.0x63.8x31.0 11.4 37.0	72.0x54.8x26.5 10.1 27.8	72.0x54.8x26.5 9.3 28.5	78.0x55.7x24.1 9.3 28.5	78.0x55.7x24.1 11.0 35.0	78.0x55.7x24.1 9.3 28.5	78.0x55.7x24.1 11.0 35.0
	Piping Length & Heigh	Piping Length (Max, m)		20		15	30	20	20	15		30	20	20			15	30	20	20	15	15	15	15
Technical Information	Refrigerant Type	Piping Height (Max, m) Type Charge (kg)	R32	12 R32 0.75	R32	7 R32 0.55	15 R32 1.10	12 R32 0.75	12 R32 0.75	7 R32 0.55		15 R32 1.10	12 R32 0.75	12 R32 0.75	R32	R32	7 R32 0.55	15 R32 1.10	12 R32 0.75	12 R32 0.75	10 R32	10 R32	10 R32	10 R32
	SVC Valve	Liquid (OD) cm Gas (OD) cm Wind-Free		0.64 1.27		0.64 0.95	0.64 1.27	0.64 1.27	0.64 1.27	0.64 0.95		0.64 1.27	0.64 1.27	0.64 1.27			0.64 0.95	0.64 1.27	0.64 1.27	0.64 1.27	0.64 1.27	0.64 1.27	0.64 1.27	0.64 1.27
	Operating Mode	MDS (direct/Indirect Air flow)		-		-	-	-	-	-		-	-	-			-	-	-	-				
		Convertible 5-in-1 Modes PM 1.0 Filter Tri-Care Filter	•	-	•	-	-	-	-	-		-	• -	-	•	•	• -	-	-	-				
	Air Purification	HD Filter (Anti-Bacteria /Dust) Easy Filter+	•	•	•	•	•	•	•	•		•	•	•	•	•	•	•		•	•	•	•	•
		Auto Clean (Self Cleaning) WiFi	•	•	•	-	-	-	•	-		•	•	-	•	•	•	-	-	•	•	•	•	•
		Smart Things App Control Al Auto Cooling		-		-	-	-	-	-		-	-	-			-	-	-	-				
	Smart Features	Voice Control-Bixby/ Google Home/Amazon		-		-	-	-	-	-		-	-	-			-	-	-	-				
		Smart Weather Guide		-		-	-	-	-	-		-	-	-			-	-	-	-				
		Energy Monitoring (through smart things App)		-		-	-	-	-	-		-	-	-			-	-	-	-				
Features		Failure Diagnosis (through smart things App) Smart Installation		-	•	-	-	-	-	-		-	-	-	•	•	-	-	-	-	_	_	_	_
		Fast Cool Good Sleep	•	•	•	•	•	•	•	•		•	•	•	•	•	•	•	•	•	•	•	•	•
		Dehumidification Fan Mode	•	•	•	•	•	•	•	•		•	•	•	•	•	•	•	•	•	•	•	•	•
	Convenience			•	•	•	•	•	•	•			•		•	•	•	•				•		-
		Indoor Temp. Display Beep On/Off	•	•	•	•	•	•	•	•		•	•	•	•	•	•	•	•	•	•	•	•	•
		24-Hour Timer / Real Timer		•	•	•	•	•	•	•		•	•	•	•	•	•	•	•	•	•	•	•	•
		Auto Restart Up/Down Swing	Auto	• Auto	• Auto	• Auto	• Auto	Auto	Auto	• Auto		Auto	Auto	Auto	Auto	• Auto	Auto	Auto	Auto	Auto	Auto	Auto	Auto	• Auto
	AirFlow	Left/Right Swing Air Flow Control Step	Manual	Manual	Manual	Auto	Auto	Auto	Auto	Manual		Manual	Manual	Manual	Manual	Manual	Manual	Manual	Manual	Manual	Manual	Manual	Manual	Manual
		(Cool/Fan) Auto Fan speed	5/4	5/4	5/4	5/4	5/4	5/4	5/4	5/4		5/4	5/4	5/4	5/4	5/4	5/4	5/4	5/4	5/4	4/4	4/4	4/4	4/4
	Voltage	Voltage fluctuation protector	•	•	•	•	•	•	•	•		•	•	•	•	•	•	•	•	•				
	Protection	low voltage detection Anti-corrosion Fin/	•	•	•	•	•	•	•	•		•	•	•	•	•	•	•	•	•				
	Triple Protecto	Compressor Protector/	•	•	•	•	•	•	•	•		•	•	•	•	•	•	•	•	•				
	Plus	Compressor Type	BLDC	BLDC	BLDC	BLDC	BLDC	BLDC	BLDC	BLDC		BLDC	BLDC	BLDC	BLDC	BLDC	BLDC	BLDC	BLDC	BLDC	Rotary	Rotary	Rotary	Rotary
Cooling/	Heating Range	Condensor TYPE Cooling (°C)	Copper 15~52	Copper 15~52	Copper 15~52	Copper 15~52	Copper 15~52	Copper 15~52	Copper 15~52	Copper 15~52		Copper 15~52	Copper 15~52	Copper 15~52	Copper 15~52	Copper 15~52	Copper 15~52	Copper 15~52	Copper 15~52	Copper 15~52	Copper 15~52	Copper 15~52	Copper 15~52	Copper 15~52
		Heating (°C) Connecting Pipe	•	•	•	•	•	•	•	•		•	•	•	•	•	•	•	•	•	•	•	•	•
Instal	lation Parts	Connecting Wire Power Cord	•	•	•	•	-	•	•	•		-	•	•	•	•	•	-	•	•	•	•	•	•
w	arranty	Compressor Comprehensive warranty	10 5	10 5	10 5	10 5	10 5	10 5	10 5	10 5		10 5	10 5	10 5	10 5	10 5	10 5	10 5	10 5	10 5	5	5 1	5 1	5 1
		,	1			I	I	I.	1	I	1	1	<u> </u>	1	I .	l		1	1	1	1	l	l .	