

SAMSUNG



GEO+

Split System Air Conditioning

The Air Conditioner built for Australian conditions

Samsung Air Conditioning is committed to providing you peace of mind with After Sales and Warranty Support

National Samsung Service Network

Our extensive national repairer network and dedicated Service Centres are on hand to give you any product support you need. We'll make sure we get your air conditioning back up and running fast with extensive spare parts available across Australia.



Product Support line

If you have any concerns about your product, simply call 1300 362 603 and our friendly staff will assist with your enquiry and book a service call if required.



5 Year Warranty on Parts and Labour

Enjoy peace of mind knowing we've got you covered. The products featured in this brochure are covered by Samsung's 5 year parts and labour warranty. Refer to the warranty card included with your product for full details.²

² This is in addition to the rights of consumers under consumer guarantees pursuant to the Australian Consumer Law.



Easy install and maintenance

Simple modular design

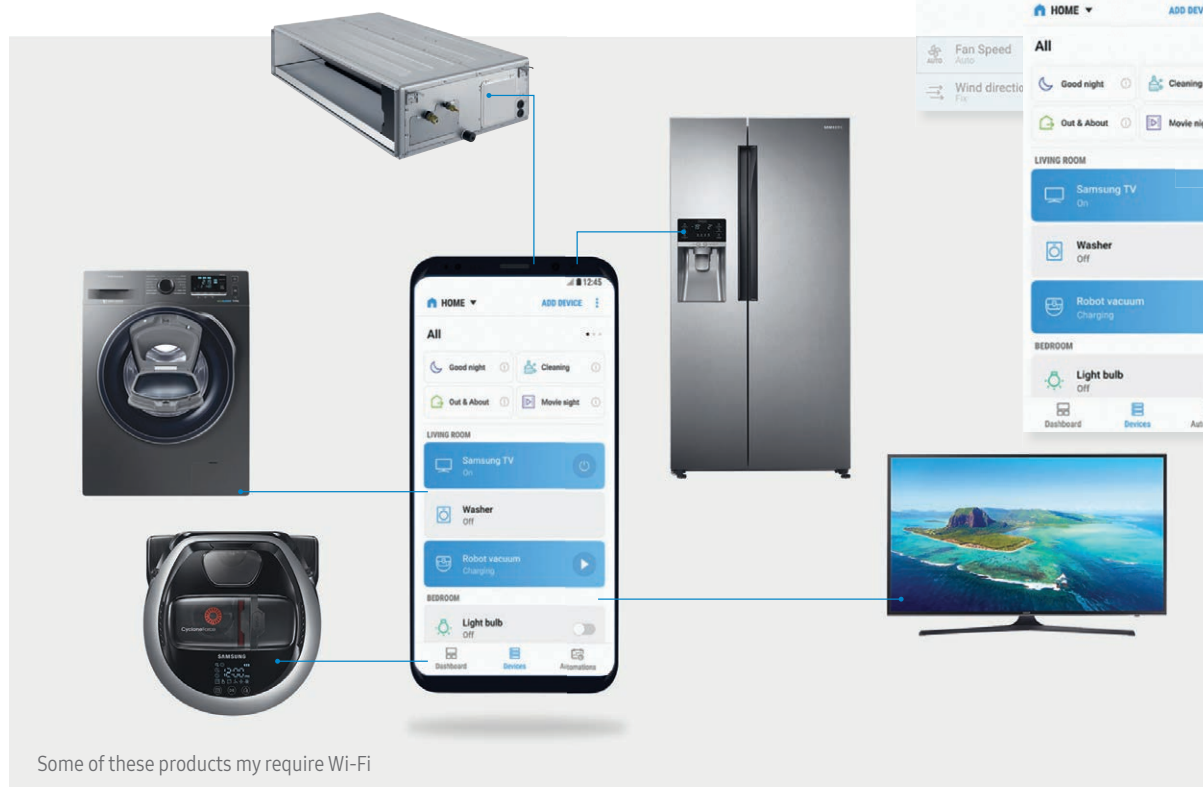
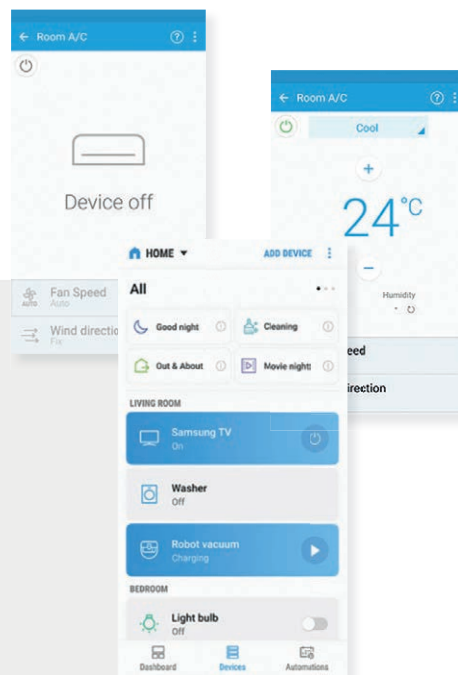
Ideal for easy installation and maintenance in hot Australian conditions, this compact outdoor unit has a modular design for easy transportation and fast mounting. The Indoor head unit can be removed from the bracket with no special tool required. It has only 3 modular parts and reduced screw points for ease of handling. Also, the outdoor unit is 27% smaller and 18% lighter.¹

¹ AR12TXFCAWKNEU model with AR12NXWCWKNEU. International Samsung model



HASS/smart install check

Taking care of the Geo+ is simple with the Home Assistant application on your smartphone. On your compatible smartphone, you can easily check the communication between the indoor and outdoor units, and the flow and valve of the refrigerant. Samsung Air Conditioning is committed to After Sales and Warranty Support providing you peace of mind.

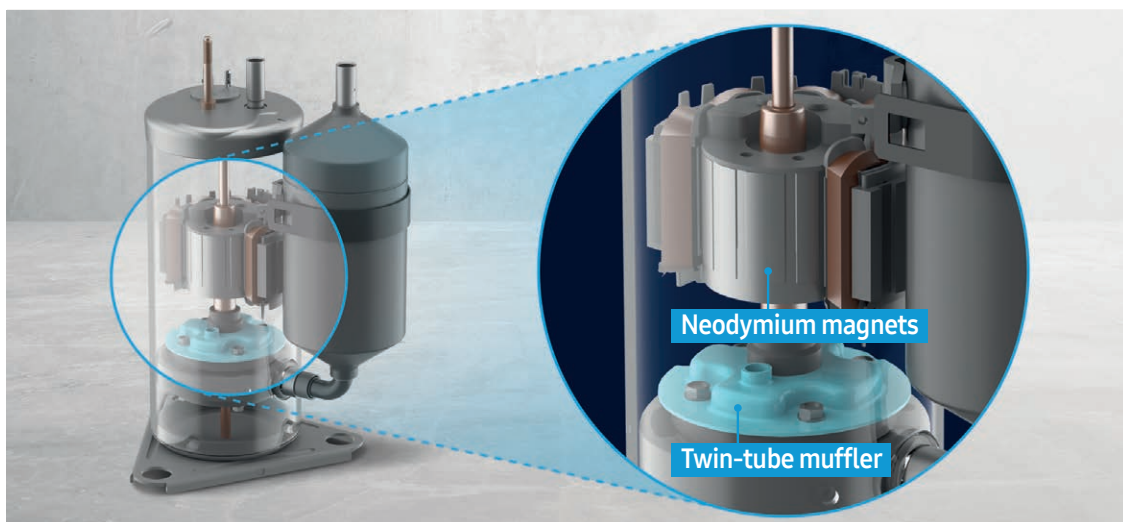
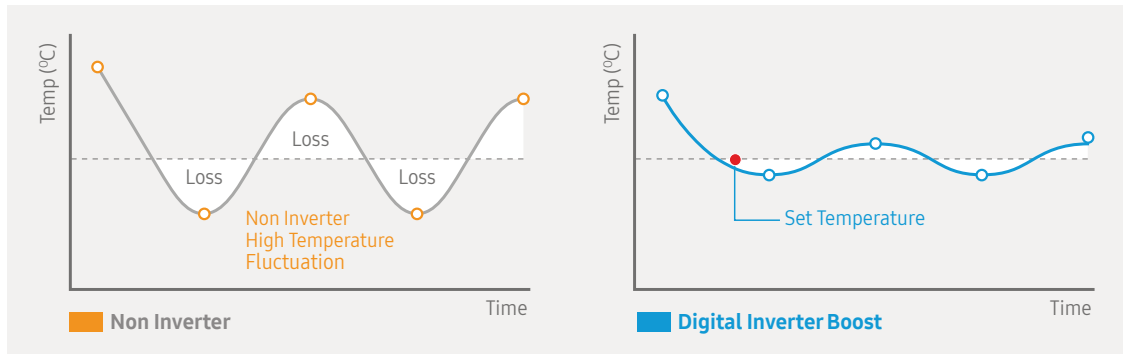


Made for harsh Australia conditions

Digital Inverter Boost

Cool the room quickly from corner to corner, so you're always comfortable. Digital Inverter Boost technology reduces energy consumption by up to 75%.³ Its twin-tube muffler creates minimal noise and vibration. Best of all, it's tested to withstand scorching temperatures up to 46°C.

³ Tested on the AR09TXCAAWKNEU model compared with the Samsung conventional model AQ09TSLXEA.

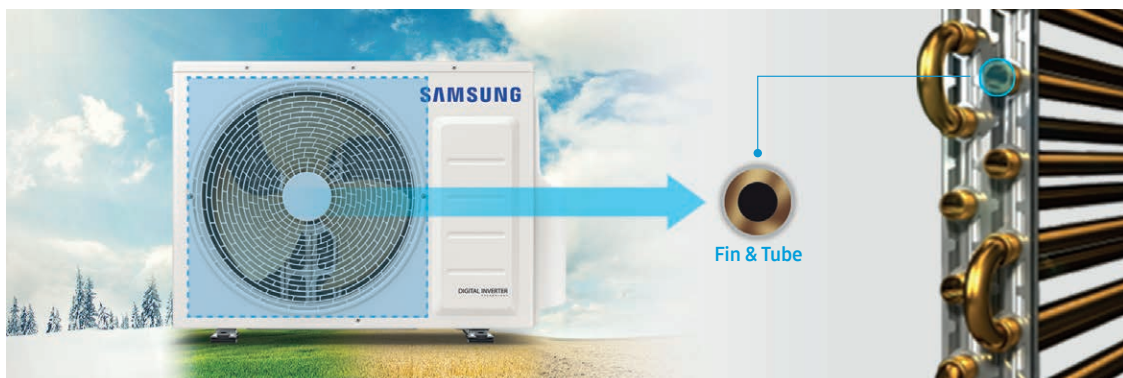


Digital Inverter Boost technology

DuraFin™ Plus

DuraFin™ Plus protects the unit from ocean air so you can stay comfortably cool for longer. The outdoor unit heat exchanger is made of corrosion-resistant material, tested using the Salt Spray Test (SST) for 480 hours.⁴

⁴ Tested on AR12TXFCAWKNEU (International Samsung model). Illustration indicative only. Actual effect will vary.



Durafin™ plus

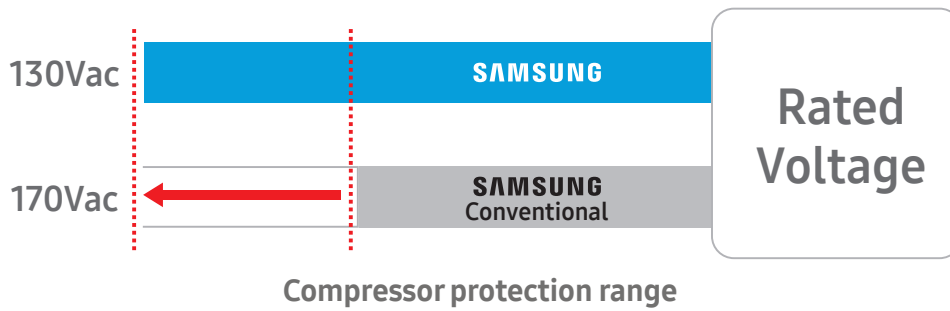
Illustration indicative only. Actual effect will vary.

Durability - Triple Protector Plus

Designed to deliver a long-lasting performance with advanced durability and protection from power surges, without a voltage stabiliser.⁵

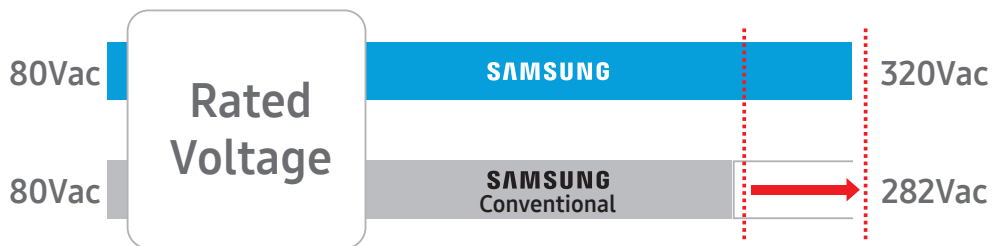
1. Compressor protector

Samsung's advanced compressor is designed to protect itself from unstable electrical conditions up to 130Vac, compared to a conventional 170Vac.⁵



2. Controller protector

Samsung's advanced controller is designed to adjust itself to avoid breakdowns from voltage surge. This special technology withstands power fluctuations from 80Vac to 320Vac.⁵



3. Fin protection

The outdoor unit is designed with multi-channel fins that use corrosion-resistant material to minimise rusting, and is designed to operate in harsh environments.⁵



Uncoated



Samsung
Anti-corrosion fin

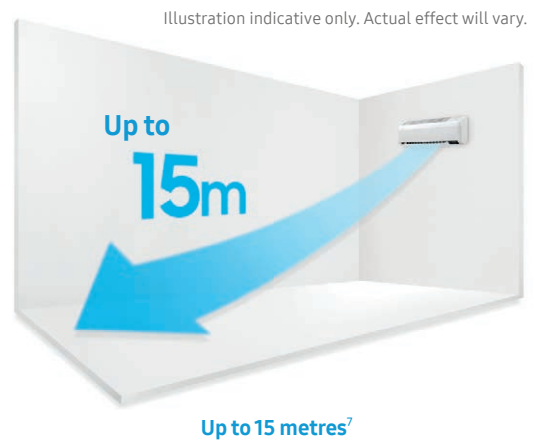
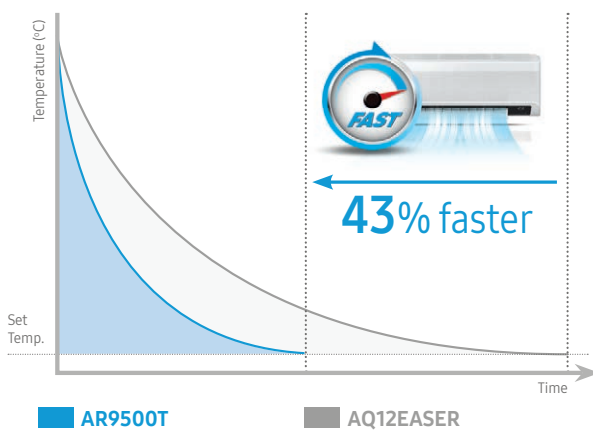
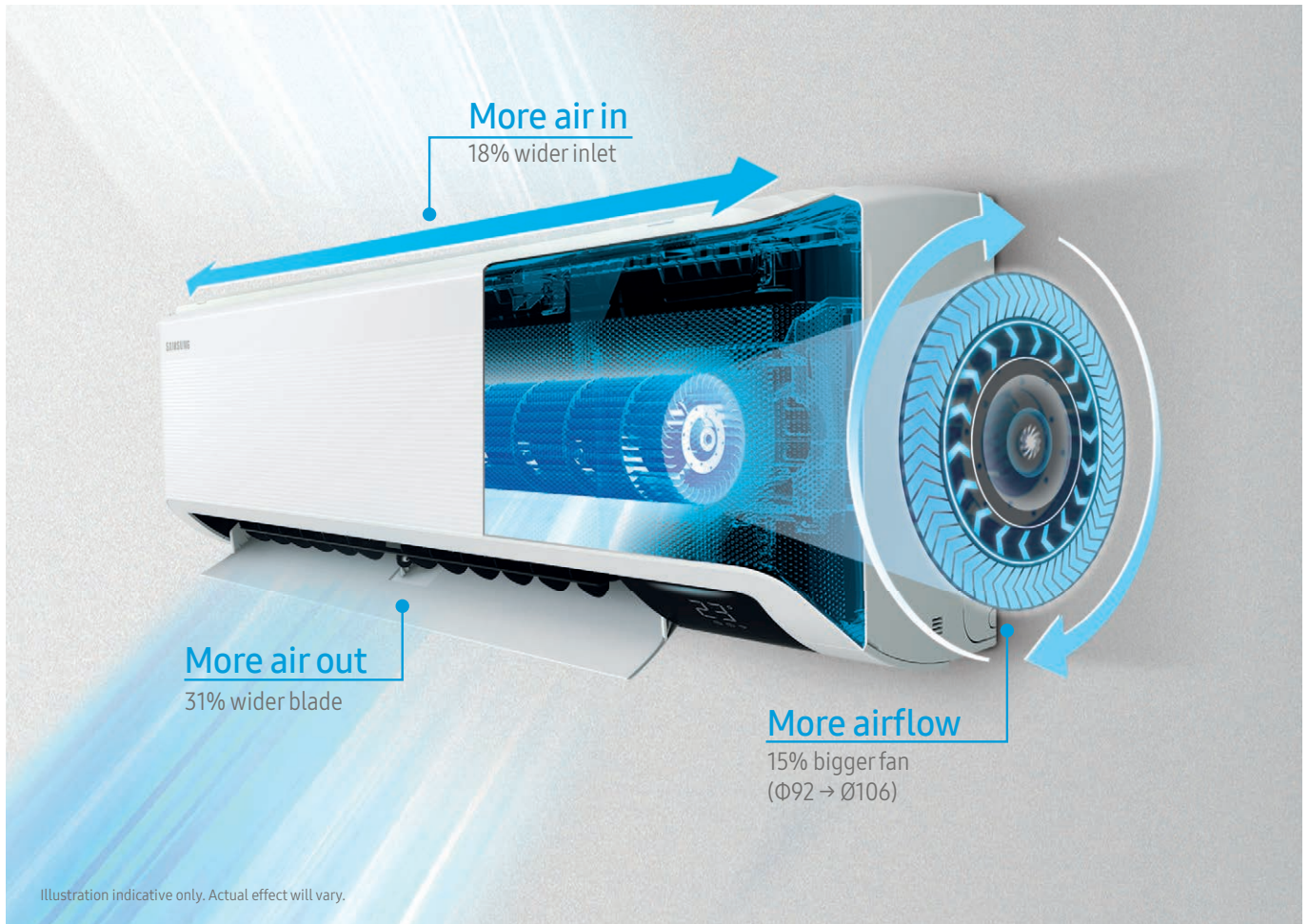
Image simulated for illustrative purposes. Actual results may vary.

⁵ Normal Working Range: 187Vac ~ 265Vac. The voltage value may differ as the voltage ripple value is different depending on the load. Tested on the AR12TXEAAWKNEU model compared with the Samsung conventional model AS18FCMID.

Fast Cooling

Built for Australian conditions, the Geo+ has innovative cooling technology to cool your room fast, while using less power. The advanced design contains a large fan unit, wide air intake area and a wide blade to help disperse the conditioned air far and wide.⁶

⁶ Tested on AR12TXCAAWKEU model compared with the Samsung conventional model AQ12EASER (International Samsung model). Illustration indicative only, actual effect will vary.



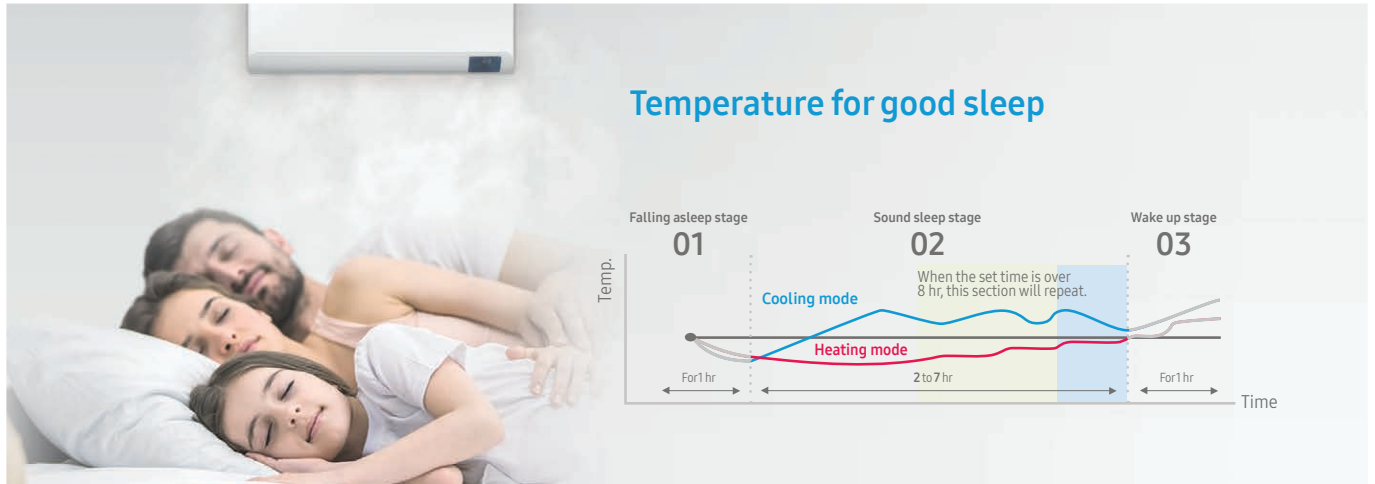
⁷ Tested on AR24TXFCAWKNEU (International Samsung model).

*Tested on the AR12TXCAAWKNEU model compared with the Samsung conventional model AQ12EASER.

**Tested on AR24TXFCAWKNEU.

Good Sleep mode

Good Sleep mode automatically adjusts the airflow direction and fan speed to help provide comfort while you sleep.



Auto Clean and Easy Filter Plus

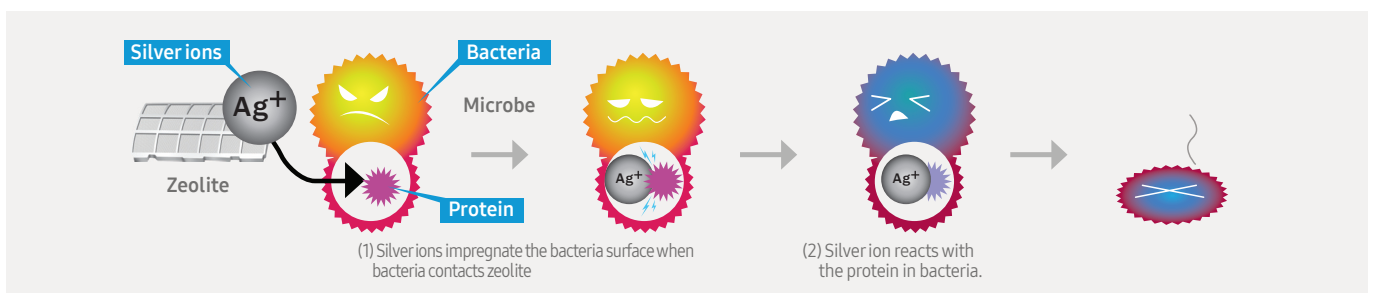
When the air conditioner is turned off, the Auto Clean function automatically runs a fan to remove dust and moisture in the heat exchanger. So the Geo+ stays clean and dry, to help prevent the growth of bacteria and mildew.

The Easy Filter Plus can be easily removed for cleaning. Its dense mesh has an anti-bacterial coating that's designed to capture dust and help protect you against airborne contaminants.⁸

⁸ Tested in Korea Test Lab (FITI). Data was measured under specific testing conditions and may vary depending on environmental factors and individual use.



Easy to clean



Antibacterial process

Image simulated for illustration purposes only.

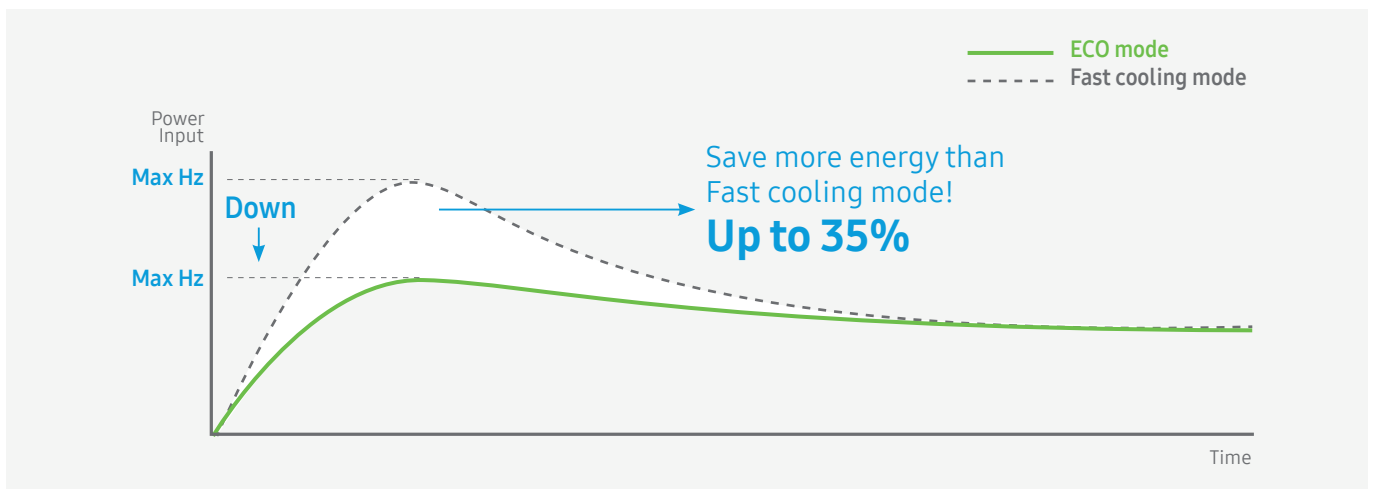
Dehumidification mode

Perfect for those hot, humid times when everything is sticky and unbearable, simply put the Geo+ in dehumidification mode to reduce moisture in the air, and circulate dry air throughout the room.



ECO mode

Helping you to save energy.



ECO mode operates at lower compressor capacity comparing to Fast Cooling mode, suitable for the mild days when it's not too hot. It minimises energy consumption, while still maintaining a cool and comfortable space.⁹

⁹Tested on AR07T9170HA3 (International Samsung model), based on the power consumption of Fast Cooling mode vs. ECO mode.

Good Sleep mode

A numerical and intuitive icon displays temperature and key operating functions.



Usage

Displays energy consumption (0.1-99kWh) for the usage for the time the unit is turned ON to the time the unit is turned OFF.



Display Off

Display lighting can be turned off using the remote controller.



A new era for refrigerant R32

Refrigerants are an essential part of air conditioning, so it is important to choose refrigerant that has a low environmental impact. Samsung has added a new type of refrigerant to its air conditioning range to help protect the ozone layer and to help reduce global warming.



MEPS compliant

All Samsung Air Conditioners sold in Australia meet Minimum Energy Performance Standards (MEPS) as set by the Australian Government.



Demand Response Enabled Device (D.R.E.D)

D.R.E.D allows certain energy providers to limit your power consumption during peak demand times to help reduce power strain on the electricity network.¹⁰

¹⁰ Participation may entitle you for rebates from your energy provider. Please contact your energy provider to find out if it recognises D.R.E.D. and for further details. All Samsung hiwall split systems enable D.R.E.D. with the option of DRM1, DRM2, and DRM3 levels.

Feature List

Features	Description	GEO+
Airflow	Air Direction Control (Up/Down)	Auto
	Air Direction Control (Left/Right)	Auto
Air Purification	Auto Clean (Self Cleaning)	Yes
Convenience	Smart Check and Smart Service	Yes
	Filter Cleaning Indicator	Yes
	Indoor Temperature Display	Yes
	Display On/Off	Yes
	Beep On/Off	Yes
Operation	24-Hour Timer	Yes
	Auto Changeover	Yes
	Auto Restart	Yes
	Auto Mode	Yes
	Fast Cool	Yes
	Good Sleep	Yes
	Eco Mode	Yes
	Dehumidification	Yes
	Fan Mode	Yes
Quiet	Yes	

	Model Code (Indoor)	AR09TXHYCWKNSA	AR12TXHYCWKNSA	AR18TXHYCWKNSA	AR24TXHYCWKNSA	AR30TXHYCWKNSA
	Model Code (Outdoor)	AR09TXHYCWKXSA	AR12TXHYCWKXSA	AR18TXHYCWKXSA	AR24TXHYCWKXSA	AR30TXHYCWKXSA
	Range	Geo+	Geo+	Geo+	Geo+	Geo+
Capacity	Capacity (Cooling)	2.5kW	3.5kW	5.0kW	6.8kW	8.0kW
	Capacity (Heating)	3.20kW	4.0kW	6.0kW	7.20kW	9.0kW
	Capacity (Cooling, Min - Max)	0.96 - 3.35kW	0.99 - 4.0kW	1.6 - 6.7kW	1.4 - 7.6kW	2.5 - 9.3kW
	Capacity (Heating, Min - Max)	0.72 - 5.0kW	0.74 - 5.5kW	1.3 - 8.0kW	1.2kW - 9.4kW	2.4 - 13.0kW
	Refrigerant (Type)	R32	R32	R32	R32	R32
Energy Efficiency	EER (Cooling)	4.39W/W	3.80W/W	3.6W/W	3.3W/W	3.27W/W
	COP (Heating)	4.32W/W	3.81W/W	3.53W/W	3.27W/W	3.27W/W
	AEER	4.36W/W	3.79W/W	3.59W/W	3.3W/W	3.26W/W
	ACOP	4.30W/W	3.80W/W	3.52W/W	3.27W/W	3.27W/W
	Star Rating (Cooling - Hot/Average/Cold)	5.0 / 4.5 / 4.5	4.5 / 4.0 / 4.5	3.5 / 3.5 / 3.5	3.0 / 3.0 / 3.0	3.0 / 3.0 / 3.0
	Star Rating (Heating - Hot/Average/Cold)	3.5 / 3.0 / 2.5	3.0 / 2.5 / 2.0	3.0 / 2.0 / 1.5	3.0 / 2.0 / 1.5	3.0 / 2.0 / 1.5
Electrical Data	Power Source(Φ/V/Hz)	1 / 220~240 / 50	1 / 220~240 / 50	1 / 220~240 / 50	1 / 220~240 / 50	1 / 220~240 / 50
	MCA (Minimum circuit amperes)	10.5	10.5	14.5	19.0	19.0
	MFA (Maximum fuse amperes)	15.0	15.0	20.0	25.0	25.0
Indoor Unit	Shipping Dimension (WxHxD)	950x290x375mm	950x290x375mm	1115x290x375mm	1115x290x375mm	1115x290x375mm
	Net Dimension (WxHxD)	889x299x215mm	889x299x215mm	1055x299x215mm	1055x299x215mm	1055x299x215mm
	Shipping Weight	11.6kg	11.6kg	13.2kg	13.2kg	14.3kg
	Net Weight (kg)	10.1kg	10.1kg	11.5kg	11.6kg	12.4kg
	Noise Level (High/Low)	38/17dBA	40/17dBA	41/25dBA	45/26dBA	47/30dBA
Outdoor Unit	Shipping Dimension (WxHxD)	913x622x371mm	913x622x371mm	1023x724x413mm	1023x724x413mm	995x1096x426mm
	Net Dimension (WxHxD)	790x548x285mm	790x548x285mm	880x638x310mm	880x638x310mm	940x998x330 mm
	Shipping Weight	31.9kg	31.9kg	43.1kg	46.2kg	72kg
	Net Weight	29.8kg	29.8kg	39.5kg	43.2kg	67.8kg
	Noise Level (High/Low)	45dBA	46dBA	51dBA	54dBA	57dBA
Technical Information	Piping Length (Max)	15m	15m	30m	30m	30m
	Piping Height (Max)	8m	8m	15m	15m	15m
	Connection size (Liquid)	6.35mm	6.35mm	6.35mm	6.35mm	6.35mm
	Connection size (Gas)	9.52mm	9.52mm	12.7mm	15.88mm	15.88mm
Operating Range	Low Ambient (Cooling)	-10~46 °C	-10~46 °C	-10~46 °C	-10~46 °C	-10~46 °C
	Low Ambient (Heating)	-15~24 °C	-15~24 °C	-15~24 °C	-15~24 °C	-15~24 °C
Air Purification	Easy Filter Plus (Anti-Bacteria)	Yes	Yes	Yes	Yes	Yes
	Auto Clean (Self Cleaning)	Yes	Yes	Yes	Yes	Yes

To learn more about Samsung Wall Mounted Split Air Conditioning Systems go to [Samsung.com/au/air-conditioners/wall-mounted-split](https://www.samsung.com/au/air-conditioners/wall-mounted-split)

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