SAMSUNG

Nordic Wind-Free™ Geo

Intelligent indoor climate, for the Nordics.

Introducing the New Samsung Nordic Wind-Free™ Geo

Developed for the Nordic climate, heat or cool your home with the New Samsung Nordic Wind-Free™ Geo 25 and 35. It helps you maintain a comfortable temperature without creating a cold draft. It provides an intelligent indoor climate thanks to smart features that adapt to your personal needs and automatically maintain good conditions. With its new advanced design Samsung Nordic Wind-Free™ Geo has a larger fan, wider inlet and a wider blade. So cool air is dispersed farther and wider*.

Wind-Free™ Cooling

Wind-Free™ technology enhances your indoor comfort by using thousands of micro-holes to disperse fresh air uniformly without any unpleasant blasts of cold wind. In Wind-Free™ mode, air is spread softly and silently, creating a 'Still Air' environment[1] that provides you total well-being day and night.

Low Noise Level

The Nordic Wind-Free™ Geo helps you maintain a comfortable temperature in the home but it is also very quiet while doing so, you will not be interrupted by unnecessary noise. Both models have a low noice level down to 17dB.

AI Auto Comfort

AI Auto Comfort[1] introduces you to an intelligent way of living. To make life simpler and more efficient, it analyses room conditions and usage patterns[2]. Based on your preference and the temperatures outside, it automatically adjusts the temperature to optimise the room's climate conditions, guaranteeing total comfort at all times.

*Tested on the AR24TXFCAWKNEU model
[1] 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.
[1] AI = Artificial Intelligence. A Wi-Fi connection and Samsung SmartThings application account are required. [2] Stores user data, preferences and usage patterns to suggest the most useful options.

Step 1

The front panel opens, and Fast Cooling mode cools the room quickly from corner to corner.

Step 2

The set temperature is reached in Fast Cooling mode, and the front panel closes.

Step 3

Wind-Free™ mode spreads fresh air uniformly through thousands of micro-holes.

18% wider Inlet
More air in

15% bigger Fan
More air flow

31% wider Blade
More air out

Wi-Fi Control

Temperatures in your home can be managed remotely using the SmartThings App[1]. Turning it on and off, selecting the cooling mode, scheduling its operation or monitoring the power consumption is just one touch away. The Bixby 2.0 Artificial Intelligence (AI) system[2] analyses and predicts your needs so it can suggest the best settings for inside your home.

[1] Available on Android and iOS devices. A Wi-Fi connection and Samsung SmartThings account are required. [2] Voice control is supported in English (US, UK, Indian), Chinese, Korean, French, German, Italian and Spanish. Portuguese is scheduled to be supported by the end of 2019.

Motion Detect sensor

Motion Detect Sensor effectively cools the home by regulating the air conditioning activity itself. If no movement is detected after 20 minutes, it automatically switches to the energy-saving Wind-Free™ mode but returns to normal mode as soon as activity resumes. It also allows automatic adjustment of the direction of the air flow.

Tri-Care Filter

Keep the air hygienic and maintain the performance of the Heat Exchanger with the Tri-Care Filter. Its three layers include a high-density filter that extracts large household dust particles, fibres and animal hairs. It also has a Zeolite Coating Filter that captures fine dust.

Specifications

Nordic Wind-Free™ Geo

Indoor Unit			AR09TXCACWKNEE	AR12TXCACWKNEE
Outdoor Unit			AR09TXCACWKXEE	AR12TXCACWKXEE

Performance				
Heating	Capacity	kW	3.20	4.00
	Capacity (Min - Max)	kW	0.8 ~ 7.1	0.8 ~ 7.3
	SCOP	W/W	4.74	4.26
	Energy Efficiency Class for heating	W/W	5.1/ A+++	5.1/ A+++
	Power Consumption	W	675	940
Cooling	Capacity	kW	2.50	3.50
	Capacity (Min - Max)	kW	0.9 ~ 3.6	0.9 ~ 4.8
	Energy Efficiency Class for cooling	W/W	A+++	A+++
	Power Consumption	W	540	885
	SEER (Energy Label)	W/W	8.80	8.50
	Air Circulation	m³/min	11.6	12.1
Indoor Unit	Net Dimension (WxHxD)	mm	889*299*215	889*299*215
	Net Weight	kg	10.4	10.4
	Noise Level (High/Low)	dB(A)	38 / 17	40 / 17
Outdoor Unit	Net Dimension (WxHxD)	mm	790*548*285	790*548*285
	Net Weight	kg	33.0	33.0
	Noise Level (High)	dB(A)	45	46
Technical	Piping Length (Max)	m	15	15
	Piping Height (Max)	m	8	8
	Moisture Removal	l/hr	1.0	1.5
	Power Source	Φ/V/Hz	1 / 220-240 / 50	1 / 220-240 / 50
	Refrigerant	Type	R32 (Contains fluorinated greenhouse gases, GWP=675)	R32 (Contains fluorinated greenhouse gases, GWP=675)
	Refrigerant (Charging)	kg	0.965	0.965
	Air Direction Control	Type	Auto	Auto

Wind-Free™ Cooling · **Wi-Fi Control** · **AI Auto Comfort** · **Tri-Care Filter** · **Motion Detect Sensor** · **R32 Refrigerant** · **Low Noise Level** · **3 Years Warranty** · **Good Sleep** · **ECO Mode** · **Auto Clean** · **Auto Air Direction Control**
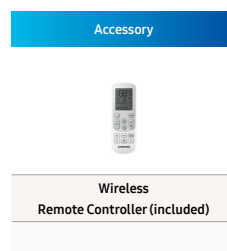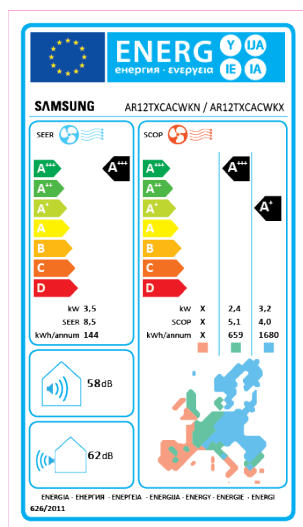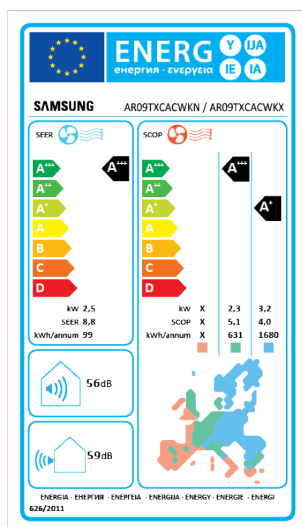
¹ Energy labels as shown are according to EU No 626/2011 (LOT10) label classification 2019, on a scale from D to A+++.

Accessory

Wireless
Remote Controller (included)