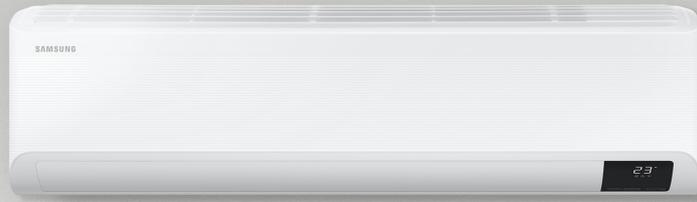


SAMSUNG

Nordic Geo



Intelligent indoor
climate, for the Nordics.



Introducing the New Samsung Nordic Geo

Heat or cool your home with the Samsung Nordic Geo 25 and 35 a heat pump designed for the Nordic climate. With AI technology and unique design that quickly heats and cools down your home with its high air circulation. You can adjust the temperature and control your energy consumption wherever you are with Samsung's SmartThings app.



High Air Circulation

With its high air circulation of 678 m³/h on Nordic Geo 25 and 708 m³/h on Nordic Geo 35, the heat pump helps you maintain a comfortable temperature by heat and cool down your home quickly.



Low noise level

The Nordic 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 noise level down to 18dB.



AI Auto Comfort

AI Auto Comfort¹ introduces you to an intelligent way of living. To make life simpler and more efficient, it analyses room conditions and usage patterns². 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.

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



Wi-Fi Control

Temperatures in your home can be managed remotely using the SmartThings App¹. 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) system² analyses and predicts your needs so it can suggest the best settings for inside your home.

¹Available on Android and iOS devices. A Wi-Fi connection and Samsung SmartThings account are required. ²Voice 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.



Easy Filter Plus

Keep your air conditioner working efficiently with less effort. The Easy Filter Plus is located outside, on the top, so it can easily be taken out and cleaned. Its dense mesh and coating keeps the Heat Exchanger clean.



ECO Mode

Save energy, but still stay comfortable. ECO mode uses less compressor capacity compared to Normal mode, which reduces energy consumption*. It lets you cool more efficiently when it's not too hot outside or just save energy and money at any time, so you don't have to worry about the electricity bills.

* Tested on the AR07T9170HA3 compared with Samsung conventional models, measuring the accumulated power consumption of Fast Cooling mode vs. ECO mode.



Specifications

Nordic Geo



Indoor Unit		AR09TXFYBWKNEE	AR12TXFYBWKNEE	
Outdoor Unit		AR09TXFYBWKXEE	AR12TXFYBWKXEE	
Performance				
Heating	Capacity	kW	3.20	4.00
	Capacity (Min - Max)	kW	0.8 - 7.0	0.8 - 7.2
	SCOP	W/W	4.74	4.26
	Energy Efficiency <small>Class for heating</small>	W/W	4.6/ A++	4.6/ A++
	Power Consumption	W	675	940
Cooling	Capacity	kW	2.50	3.50
	Capacity (Min - Max)	kW	0.9 - 3.5	0.9 - 4.6
	Energy Efficiency <small>Class for cooling</small>	W/W	A++	A++
	Power Consumption	W	540	885
	SEER (Energy Label)	W/W	8.40	7.70
Air Circulation	m ³ /min	11.3	11.8	
Indoor Unit	Net Dimension (WxHxD)	mm	889*299*215	889*299*215
	Net Weight	kg	10.3	10.3
	Noise Level (High/Low)	dB(A)	38 / 18	40 / 18
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	R32
			<small>(Contains fluorinated greenhouse gases, GWP=675)</small>	<small>(Contains fluorinated greenhouse gases, GWP=675)</small>
	Refrigerant (Charging)	kg	0.965	0.965
Air Direction Control	Type	Auto	Auto	



Easy Filter Plus



Wi-Fi Control



AI Auto Comfort



Low Noise Level



High Air Circulation



R32 Refrigerant



ECO Mode



3 Years Warranty



Good Sleep

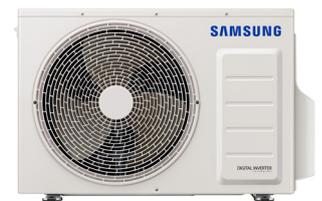
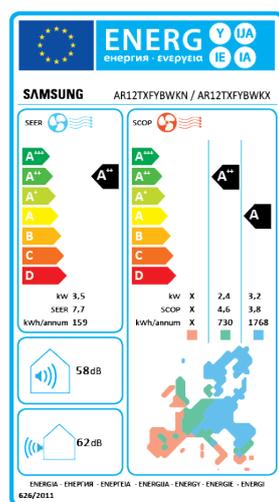
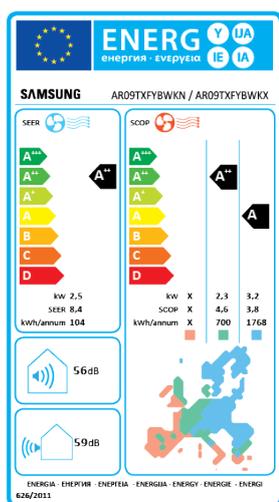


Auto Clean



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+++.



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