

SAMSUNG



Image for illustrative purposes.

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Customer Support

For any product or service related queries for Airise Air conditioners please call
Samsung Customer Support on 1300 362 603 / 8am – 8pm, 7 days

AERO Split Air Conditioning

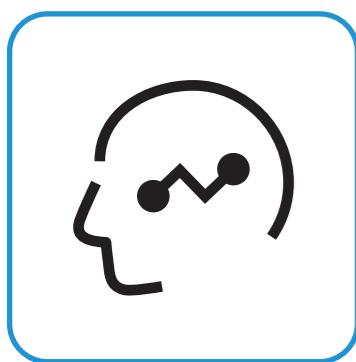
Intelligently connect and monitor your energy usage



*10 year limited warranty on Inverter Compressor is as follows, first five (5) years parts and labour, remaining five (5) years parts only. See warranty card or visit www.samsung.com/au/support/warranty/ for full details.

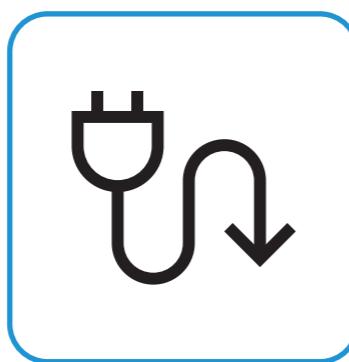


Features



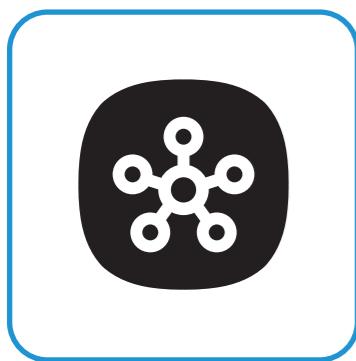
AI Energy Mode

AI Energy mode¹ can help save energy² by utilising an advanced algorithm to control the inverter at a pre-set temperature threshold³.



Energy Monitoring

Monitor your energy usage while staying comfortably cool. SmartThings lets you check the power use and allows you to estimate your electricity bill⁴. Control your home air conditioner from anywhere, at anytime using the Samsung SmartThings App⁵. You can control and monitor the air conditioner remotely with just a touch.



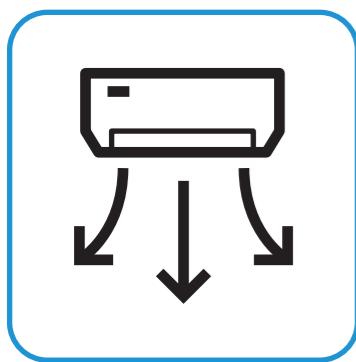
SmartThings Home Care

Take care of the air conditioner easily. SmartThings Home Care⁶ lets you check its status on a smartphone and proactively address any maintenance needs without a service expert. It self-diagnoses and displays information about any issues with major components and the status of the pre-filter.



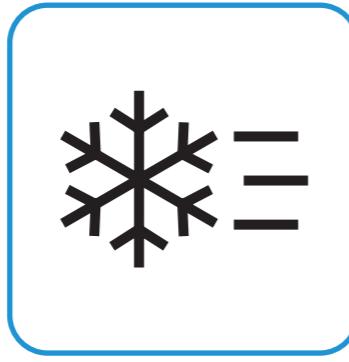
In-built Wi-Fi with SmartThings

Control your home air conditioner from anywhere, at anytime using the Samsung SmartThings App. You can control and monitor the air conditioner remotely with just a touch⁹.



Fast Cooling and Heating

Cool rooms quickly from corner to corner, so you're always comfortable. Also, heat rooms rapidly, so you are always comfortable in the cooler months.



AI Auto Cooling

AI Auto Cooling¹⁰ is designed to automatically optimise the various modes by analysing room conditions and usage patterns¹¹. Based on your preferred temperature, it can automatically switch to the most appropriate mode to maintain desirable conditions¹².



3-Step Auto Clean

Keep the inside of your air conditioner hygienic by doing nothing! After it has been working, the Auto Clean function automatically dries the Heat Exchanger using a 3-step process. It removes moisture by blowing air for between 10 to 30 minutes¹³.

Specifications

Model Name	Indoor Unit	AR09DXFCWKNSA	AR12DXFCWKNSA	AR18DXFCWKNSA	AR24DXFCWKNSA	AR30DXFCWKNSA	
	Outdoor Unit	AR09DXFCWKNSA	AR12DXFCWKNSA	AR18DXFCWKNSA	AR24DXFCWKNSA	AR30DXFCWKNSA	
Capacity	Cooling (Min/Std/Max) (kW) Heating (Min/Std/Max) (kW)	0.96/2.5/3.35 0.72/3.2/5	0.99/3.5/4 0.74/4.0/5.5	1.6/5.0/6.7 1.3/6.0/8	1.4/6.8/7.6 1.2/7.2/9.4	2.5/8.0/9.3 2.4/9.0/13	
Refrigerant	Type Factory Charging (Kg)	R32 0.95	R32 0.95	R32 1.15	R32 1.15	R32 2.00	
Energy Efficiency	EER (W/W) COP (W/W) AEER (W/W) ACOP (W/W) Star rating (Cooling – Hot/Average/Cold)	4.39 4.32 4.36 4.3 4.5/4.5/4.5	3.80 3.81 3.76 3.76 4.0/4.0/4.0	3.60 3.53 3.76 3.65 3.5/3.5/3.5	3.30 3.27 3.35 3.3 3.0/3.0/3.0	3.27 3.27 3.27 3.34 3.0/3.0/3.0	
Power	Power Supply (Ø, V, Hz) Power Input (Min/Std/Max) Current Input (Min/Std/Max)	1,220-240, 50 0.16/0.57/0.75 1.2/3.4/3.8	1,220-240, 50 0.17/0.92/1.05 1.3/4.5/5	1,220-240, 50 0.32/1.39/2.18 2.6/4/10	1,220-240, 50 0.3/2.06/2.6 2.7/2.2/3.3	1,220-240, 50 0.49/2.45/3.15 2.5/11.1/14	
Indoor Unit	Air Flow Rate (l/s) Sound Pressure Level (H/Silent) Net Weight (Kg) Shipping Weight (Kg) Net Dimensions (WxHxD) Shipping Dimensions (WxHxD)	165/155/147/128 38/17 dB(A) 9.8 11.2 889mm x 299mm x 215mm 950mm x 290mm x 375mm	183/173/155/137 40/17 dB(A) 9.8 11.2 889mm x 299mm x 215mm 950mm x 290mm x 375mm	275/263/240/217 41/25 dB(A) 11.5 13.2 1,055mm x 299mm x 215mm 1,115mm x 290mm x 375mm	275/263/240/217 45/26 dB(A) 11.6 13.2 1,055mm x 299mm x 215mm 1,115mm x 290mm x 375mm	287/263/240/217 298/275/252/228 362/328/273/218 47/30 dB(A)	340/295/252/195 362/328/273/218 47/30 dB(A)
Outdoor Unit	Compressor Type Sound Pressure Level (Cooling) Net Weight (Kg) Shipping Weight (Kg) Net Dimensions (WxHxD) Shipping Dimensions (WxHxD)	BLDC ROTARY 45 dB(A) 29.8 31.9 790mm x 548mm x 285mm 913 x 622 x 371	BLDC ROTARY 46 dB(A) 29.8 31.9 790mm x 548mm x 285mm 913mm x 622mm x 371mm	BLDC ROTARY 51 dB(A) 38.9 42.0 880mm x 638mm x 310mm 1,023mm x 724mm x 413mm	BLDC ROTARY 54 dB(A) 43.2 46.2 880mm x 638mm x 310mm 1,023mm x 724mm x 413mm	BLDC ROTARY 57 dB(A) 67.8 72.0 940mm x 998mm x 330mm 995mm x 1,096mm x 426mm	BLDC ROTARY 57 dB(A) 67.8 72.0 940mm x 998mm x 330mm 995mm x 1,096mm x 426mm
Installation	Liquid Pipe, Ø, mm (inch) Gas Pipe, Ø, mm (inch) Max Piping Length (Precharged), (m) Max Piping Height (m) Drain Pipe (Ø, mm)	6.35 (1/4) 9.52 (3/8) 15 (15) 8 16.3, 550	6.35 (1/4) 9.52 (3/8) 15 (15) 8 16.3, 550	6.35 (1/4) 12.7 (1/2) 30 (15) 15 16.3, 550	6.35 (1/4) 15.88 (5/8) 30 (15) 15 16.3, 550	6.35 (1/4) 15.88 (5/8) 30 (15) 15 16.3, 550	
Additional Accessories	Easy Filter Plus Wi-Fi	Removable/Washable •	Removable/Washable •	Removable/Washable •	Removable/Washable •	Removable/Washable •	
Control System	Infrared remote control	Included	Included	Included	Included	Included	
Operating Temperature Range	Cooling (°C) Heating (°C)	-10 ~ 46 -15 ~ 24	-10 ~ 46 -15 ~ 24	-10 ~ 46 -15 ~ 24	-10 ~ 46 -15 ~ 24	-10 ~ 46 -15 ~ 24	

NOTE:

- Specifications may be subject to change without prior notice.
- 1) Nominal cooling capacities are based on; Indoor temperature: 27°C DB, 19°C WB. Outdoor temperature: 35°C DB, 24°C WB. Equivalent refrigerant piping: 5m, Level differences: 0 m.
- 2) Nominal heating capacities are based on; Indoor temperature: 20°C DB, 15°C WB. Outdoor temperature: 7°C DB, 6°C WB. Equivalent refrigerant piping: 5m, Level differences: 0 m.
- 3) Sound pressure was acquired in an anechoic room. Thus actual noise level may be different depending on the installation conditions.
- 4) These products contain R32 which is fluorinated greenhouse gas.

¹AI Energy Mode can be activated through Smart Things app while using a Auto mode. A Wi-Fi connection, Smart Things App and Samsung account are required. Smart Things App Stores user data, preferences and usage patterns in Samsung AI Cloud to suggest the most useful options. ²Compared to AI Auto Cooling Mode. ³When activated, AI Energy Mode is designed to maintain 24 to 28°C temperature zone to help save energy by reducing excess energy usage. The energy usage and estimated cost shown in SmartThings Energy may differ from your actual usage and cost. ⁴Available on Android and iOS devices. A Wi-Fi connection and a Samsung account are required. Service callouts will occasionally be required and may incur extra repair costs. ⁵Tested on the AR12TXCAAWKEU model compared with the Samsung conventional AQ12EASER model, measuring the time taken to reduce the room temperature from 33°C to 25°C. Based on internal tests only. ⁶Based on internal testing of the AR12TXEABWKNSA model using Fast Mode compared with the conventional AQ12EASER model, measuring the time taken to increase the room temperature from 9°C to 20°C. Based on internal tests only, actual results may differ depending on a number of usage factors.

⁷Figures are estimates only and may differ from actual build due to various factors. ⁸Compatible with Android 11 or later and Samsung Galaxy devices with One UI 3.1 and above or iOS 12.0 or later. Each device must be connected to Wi-Fi or mobile other wireless network. For interoperability through SmartThings, all the devices should be registered with a single Samsung Account. Available technology, functions, and features are subject to change without notice. ¹⁰AI Auto Cooling is activated using Auto mode with a Wi-Fi connection. Smart Things App and Samsung account are required. ¹¹Smart Things App Stores user data, preferences and usage patterns in Samsung AI Cloud to suggest the most useful options. ¹²The AI Auto Cooling Mode is designed to maintain 22 to 28°C temperature zone. ¹³Models without WindFree™ mode will operate with the blade open, if additional cleaning is required. Only available in WindFree™ models that have a humidity sensor. The Auto Clean time will vary depending on the condition of the air conditioner.