

SAMSUNG

AERO Split Air Conditioning

Intelligently connect and monitor your energy usage

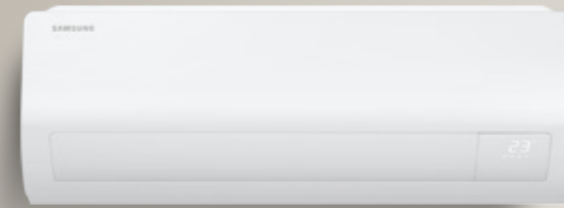


Image for illustrative purposes.

SAMSUNG

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**

*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.



In-built Wi-Fi¹

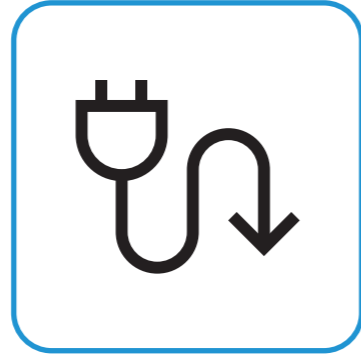


Features



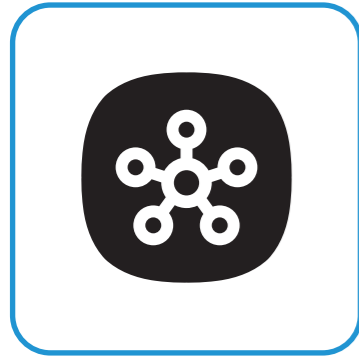
AI Energy Mode

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. Smart Things 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.



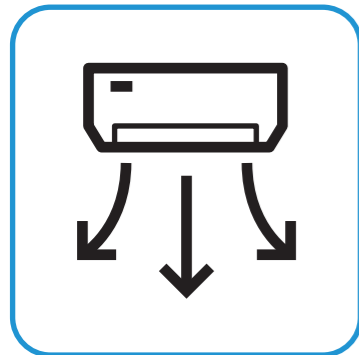
SmartThings Home Care

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 touch⁷.



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.



Freeze Wash

Maintain the optimum performance with the push of a button. Freeze Wash quickly freezes the Heat Exchanger and then defrosts the ice. Finally, it dries up any moisture left. And it alerts you when it is time for a clean⁷.



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		AR09DXFZCWKNSA	AR12DXFZCWKNSA	AR18DXFZCWKNSA	AR24DXFZCWKNSA	AR30DXFZCWKNSA
	Outdoor Unit		AR09DXFZCWKXSA	AR12DXFZCWKXSA	AR18DXFZCWKXSA	AR24DXFZCWKXSA	AR30DXFZCWKXSA
Capacity	Cooling (Min/Std/Max) (kW)		0.96/2.5/3.35	0.99/3.5/4	1.6/5.0/6.7	1.4/6.8/7.6	2.5/8.0/9.3
	Heating (Min/Std/Max) (kW)		0.72/3.2/5	0.74/4.0/5.5	1.3/6.0/8	1.2/7.2/9.4	2.4/9.0/13
Refrigerant	Type		R32	R32	R32	R32	R32
	Factory Charging (Kg)		0.95	0.95	1.15	1.15	2.00
Energy Efficiency	EER (W/W)		4.39	3.80	3.60	3.30	3.27
	COP (W/W)		4.32	3.81	3.53	3.27	3.27
	AEER (W/W)		4.36	3.76	3.76	3.35	3.27
	ACOP (W/W)		4.3	3.76	3.65	3.3	3.34
	Star rating (Cooling – Hot/Average/Cold)		4.5/4.5/4.5	4.0/4.0/4.0	3.5/3.5/3.5	3.0/3.0/3.0	3.0/3.0/3.0
	Star rating (Cooling – Hot/Average/Cold)		3.5/3.0/2.5	3.5/2.5/2.0	3.0/2.0/1.5	3.0/2.0/1.5	3.0/2.0/1.5
Power	Power Supply (Ø, V, Hz)		1, 220-240, 50	1, 220-240, 50	1, 220-240, 50	1, 220-240, 50	1, 220-240, 50
	Power Input (Min/Std/Max)	Cooling (kW)	0.16/0.57/0.75	0.17/0.92/1.05	0.32/1.39/2.18	0.3/2.06/2.6	0.49/2.45/3.15
		Heating (kW)	0.14/0.74/1.4	0.14/1.05/1.56	0.27/1.7/2.5	0.27/2.2/3.3	0.44/2.75/4
	Current Input (Min/Std/Max)	Cooling (A)	1.2/3.4/3.8	1.3/4.5/5	2/6.4/10	2/9.7/11.5	2.5/11.1/14
Heating (A)		1/3.7/6.1	1/5.1/6.8	1.7/7.8/11.5	1.7/9.8/14.5	2.3/12.5/17.5	
Indoor Unit	Air Flow Rate (l/s)	Cooling (T/H/M/L)	165/155/147/128	183/173/155/137	275/263/240/217	287/263/240/217	340/295/252/195
		Heating (T/H/M/L)	192/183/173/155	210/200/183/165	275/263/240/217	298/275/252/228	362/328/273/218
	Sound Pressure Level (H/Silent)		38/17 dB(A)	40/17 dB(A)	41/25 dB(A)	45/26 dB(A)	47/30 dB(A)
	Net Weight (Kg)		9.8	9.8	11.5	11.6	12.4
	Shipping Weight (Kg)		11.2	11.2	13.2	13.2	14.0
	Net Dimensions (WxHxD)		889mm x 299mm x 215mm	889mm x 299mm x 215mm	1,055mm x 299mm x 215mm	1,055mm x 299mm x 215mm	1,055mm x 299mm x 215mm
Shipping Dimensions (WxHxD)		950mm x 290mm x 375mm	950mm x 290mm x 375mm	1,115mm x 290mm x 375mm	1,115mm x 290mm x 375mm	1,115mm x 290mm x 375mm	
Outdoor Unit	Compressor Type		BLDC ROTARY	BLDC ROTARY	BLDC ROTARY	BLDC ROTARY	BLDC ROTARY
	Sound Pressure Level (Cooling)		45 dB(A)	46 dB(A)	51 dB(A)	54 dB(A)	57 dB(A)
	Net Weight (Kg)		29.8	29.8	38.9	43.2	67.8
	Shipping Weight (Kg)		31.9	31.9	42.0	46.2	72.0
	Net Dimensions (WxHxD)		790mm x 548mm x 285mm	790mm x 548mm x 285mm	880mm x 638mm x 310mm	880mm x 638mm x 310mm	940mm x 998mm x 330mm
Shipping Dimensions (WxHxD)		913 x 622 x 371	913mm x 622mm x 371mm	1,023mm x 724mm x 413mm	1,023mm x 724mm x 413mm	995mm x 1,096mm x 426mm	
Installation	Liquid Pipe, Ø, mm (inch)		6.35 (1/4)	6.35 (1/4)	6.35 (1/4)	6.35 (1/4)	6.35 (1/4)
	Gas Pipe, Ø, mm (inch)		9.52 (3/8)	9.52 (3/8)	12.7 (1/2)	15.88 (5/8)	15.88 (5/8)
	Max Piping Length (Precharged), (m)		15 (15)	15 (15)	30 (15)	30 (15)	30 (15)
	Max Piping Height (m)		8	8	15	15	15
	Drain Pipe (Ø, mm)		16.3, 550	16.3, 550	16.3, 550	16.3, 550	16.3, 550
Additional Accessories	Easy Filter Plus		Removable/Washable	Removable/Washable	Removable/Washable	Removable/Washable	Removable/Washable
	Wi-Fi		•	•	•	•	•
Control System		Infrared remote control	Included	Included	Included	Included	Included
Operating Temperature Range	Cooling (°C)		-10 ~ 46	-10 ~ 46	-10 ~ 46	-10 ~ 46	-10 ~ 46
	Heating (°C)		-15 ~ 24	-15 ~ 24	-15 ~ 24	-15 ~ 24	-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 AR12TXEABWKNNSA 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.

⁷The Freeze Wash function is only available on certain WindFree™ models. Only available on certain models that have Wi-Fi connectivity. ⁸Figures are an estimate only and may differ from actual bill due to various factors.

⁹Compatible 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™ model 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.