

SAMSUNG

AR40 Split Air Conditioning



One solution all year round

Designed with energy efficiency at its core* and made to blend in beautifully, Samsung's new AR40 split system line up brings smarter, quieter and more flexible climate control into your space.

Engineered for an operating temperature range from -15 to 50°C, the AR40 line up provides a cooling and heating solution that keeps you comfortable all year round.

*Based on usage of Digital Inverter technology. Actual energy savings may vary by usage patterns and environment.

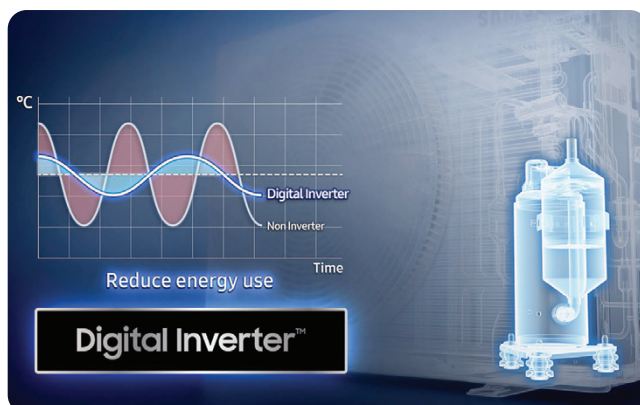
Quick, even cooling

AR40 Fast Cooling mode utilises maximum fan speed and 2-Way Auto Swing to send cool refreshing air quickly and evenly across every corner of the room, helping to provide rapid relief on those scorching hot days.



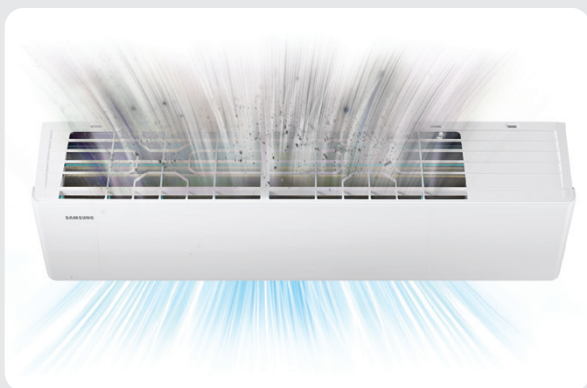
Steady comfort with less energy

Enjoy consistent performance all year round. Digital Inverter Technology maintains a steady temperature without frequent on-off cycles, keeping your space comfortable while using less energy compared to conventional systems.





Fresh air, effortlessly



Washable Pre-Filter

Designed to capture dust and airborne particles, the washable High Density Filter ensures effortless maintenance for a hygienic and comfortable environment.



Self Clean

Breathe clean, healthy air without the hassle. The self-clean function dries the Heat Exchanger at the touch of a button, preparing your system for the next cool, fresh breeze.

Built-In Wi-Fi with SmartThings

Thanks to the built-in Wi-Fi, you can control your home air conditioner anytime, anywhere - no extra modules required. Automate settings, receive real-time system updates and control your air conditioner with just a touch using the Samsung SmartThings App* or voice commands via Bixby, Amazon Alexa or Google Assistant.



The right size for your space



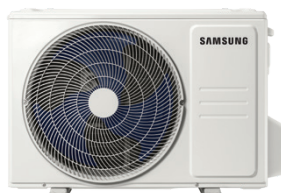
AR40H09/AR40H12
Indoor Unit



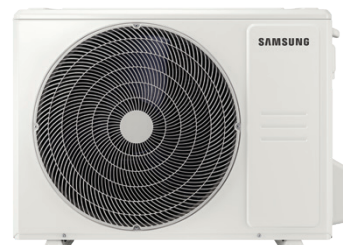
AR40H18 Indoor Unit



AR40H24 Indoor Unit



AR40H09/AR40H12
Outdoor Unit



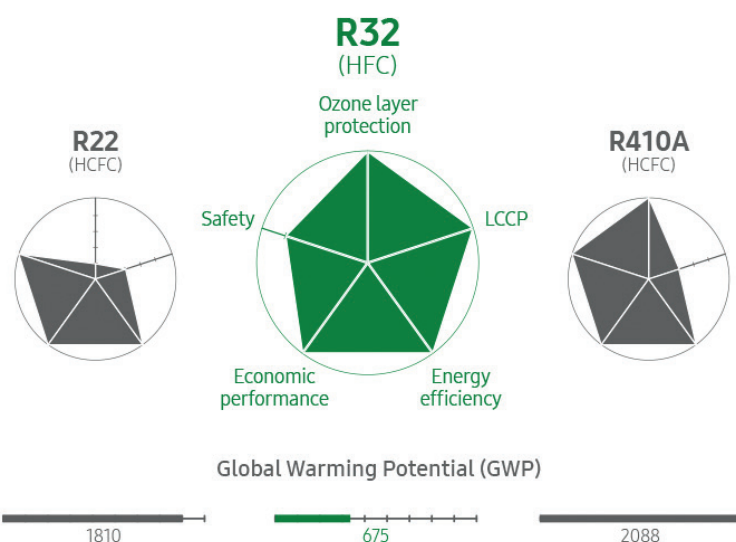
AR40H18/AR40H24
Outdoor Unit

Reducing the impact

The outdoor unit uses next-generation R32 refrigerant with zero ozone depleting potential and a lower global warming potential** compared to conventional refrigerants.

*Compatible 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.

**GWP rating: R32 refrigerant = 675 vs. R410A refrigerant = 2,090. Global Warming Potential (GWP) ratings reflect standardised global measures. Images simulated for illustrative purposes only.



AR40 Specifications



Model	Indoor Unit		AR40H09CIAMNSA	AR40H12CIAMNSA	AR40H18CIAMNSA	AR40H24CIAMNSA
	Outdoor Unit		AR40H09CIAMXSA	AR40H12CIAMXSA	AR40H18CIAMXSA	AR40H24CIAMXSA
Capacity	Cooling (Min/Std/Max) (kW)		0.90/2.42/3.45	1.05/3.46/3.89	2.30/5.30/6.20	2.91/7.00/8.23
	Heating (Min/Std/Max) (kW)		1.10/2.80/3.75	1.20/3.95/4.09	2.40/5.55/6.40	2.38/7.40/8.86
Refrigerant	Type		R32	R32	R32	R32
Energy Efficiency	ACOP (W/W)		4.88	4.06	4.15	3.76
	AEER (W/W)		4.46	4.06	3.75	3.41
	Star rating (Cooling – Hot/Ave/Cold)		5/4.5/5	5/4.5/5	4.5/4/4.5	4/3.5/4
	Star rating (Heating – Hot/Ave/Cold)		4.0/3.5/3	3.5/3/2.5	3/2.5/2	3/2.5/2
	TCSPF (Hot/Ave/Cold)		6.948/6.479/6.778	6.534/6.190/6.503	6.020/5.719/6.083	5.584/5.302/5.629
	HSPF (Hot/Ave/Cold)		5.540/5.060/4.552	5.259/4.504/4.050	4.860/4.290/3.670	4.857/4.225/3.746
Power	Power Supply (Ø,V,Hz)		1,220~240,50	1,220~240,50	1,220~240,50	1,220~240,50
	Power Input (Min/Std/Max)	Cooling (kW)	0.16/0.54/0.98	0.21/0.85/1.12	0.49/1.41/1.8	0.76/2.05/2.86
		Heating (kW)	0.19/0.57/1.04	0.22/0.97/1.18	0.46/1.34/1.92	0.47/1.97/2.88
	Current Input (Min/Std/Max)	Cooling (A)	1.44/2.55/4.40	1.80/4.00/4.95	3.50/6.25/8.00	3.50/9.58/12.70
		Heating (A)	1.57/2.70/4.70	1.82/4.32/5.25	3.30/6.10/8.50	2.35/9.18/12.80
Indoor Unit	Air Flow Rate (Turbo/H/M/L) (l/s)		175/139/100/67	183/147/106/67	264/222/167/125	337/293/190/137
	Sound Pressure Level (Hi/Lo) (dB(A))		36/26 @1m	37/27 @1m	43/32 @1m	49/36 @1m
	Net Weight (kg)		9.1	9.1	11.8	14.0
	Shipping Weight (kg)		11.1	11.1	14.5	17.2
	Net Dimensions (WxDxH)		802x200x295	802x200x295	971x228x321	1082x234x337
	Shipping Dimensions (WxDxH)		875x285x375	875x285x375	1045x305x405	1155x315x415
Outdoor Unit	Sound Pressure Level (dB(A))		50 @1m	53 @1m	56 @1m	59 @1m
	Net Weight (kg)		24.7	26.2	38.5	43.5
	Shipping Weight (kg)		27.2	28.7	42.1	47.2
	Net Dimensions (WxDxH) (mm)		765x303x555	765x303x555	890x342x673	890x342x673
	Shipping Dimensions (WxDxH)		887x337x600	887x337x600	1030x438x730	1030x438x730
Installation	Precharged Piping Length (m)		15	15	15	15
	Max Piping Length (m)		25	25	30	50
	Max Piping Height (m)		10	10	20	25
	Liquid Side Connection (mm(inch))		6.35(1/4)	6.35(1/4)	6.35(1/4)	6.35(1/4)
	Gas Side Connection (mm(inch))		9.52(3/8)	9.52(3/8)	12.7(1/2)	15.9(5/8)
Additional Accessories	Pre filter		Removable/Washable	Removable/Washable	Removable/Washable	Removable/Washable
	Onboard Wi-Fi Connectivity		Yes	Yes	Yes	Yes
	Controller		Included - Infrared	Included - Infrared	Included - Infrared	Included - Infrared
Operating Temp. Range	Cooling (°C)		-15~50	-15~50	-15~50	-15~50
	Heating (°C)		-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: 0m.

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: 0m.

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 a fluorinated greenhouse gas.

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Samsung is committed to providing you peace of mind, with after-sales and warranty support



5 year warranty on parts and labour

We have you covered with Samsung's 5 years parts and labour warranty for residential application of products featured in this brochure. Refer to the warranty card included with your product for full details.*



National Samsung service network

Our extensive national repairer network and dedicated Service Centres are on hand to support your product. We have extensive spare parts in Australia to ensure we get your air conditioning back up and running.



MEPS compliant

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



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.

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

**To learn more about Samsung Air Conditioners go to
www.samsung.com/au/air-conditioners**

Samsung Electronics Australia Pty Ltd
ABN 63 002 915 648
3 Murray Rose Avenue
Sydney Olympic Park, NSW 2127 Australia