



## Introducing the top-of-the range **Samsung Inverter AR 9500 Wind-Free airconditioners**

*9000, 12 000, 18 000 and 24 000 Btu/hr*

- Samsung's AR 9500 Wind-Free model offers you an unrivalled range of top-end features.
- Fast Cooling mode first cools an entire room 43% faster than a conventional airconditioner, then switches automatically to Wind-Free mode.
- Samsung's unique Wind-Free design disperses air through 23 000 tiny micro-holes, eliminating unpleasant draughts and ensuring your total comfort.
- Wi-Fi enabled with the Samsung Smart Home App.
- AI Auto Cooling automatically analyses your usage patterns and switches to the most appropriate mode.
- Energy-efficient Digital Inverter Boost technology saves you up to 73% on electricity\*.

\*Compared with a conventional airconditioner



# SAMSUNG

# Samsung's top-of-the range Inverter AR 9500 Wind-Free airconditioners

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This new Samsung Digital Inverter AR 9500 range sets brand new standards in midwall split airconditioners. A host of advanced features such as AI Auto Cooling, Wind-Free Good-Sleep mode and Smart Things that allow control from an app make this the top choice of today's midwall splits. With cooling and heating capacities up to 6.45 kW and EERs (Cooling W/W) up to 3.45, Samsung's Digital 8-pole Inverter ensures giant energy savings of up to 73%\*. Its unique Wind-Free design first rapidly cools a room with Fast Cooling mode, then automatically switches to dispersing cool air through thousands of 23 000 micro-holes, thus eliminating unpleasant draughts. Piping lengths from 15 to 30 metres allow flexibility in positioning the outdoor unit. As with all Samsung airconditioners up to 60 000 Btu/h, the AR 9500 range is covered by Fourways 5-year warranty on parts. \*(Compared with a conventional airconditioner).



## SPECIFICATIONS

Model Code		AR09TSEAawk/FA	AR12TSEAawk/FA	AR18TSEAawk/FA	AR24TSEAawk/FA
Capacity	Capacity (Cooling, Btu/hr)	8530 Btu/hr	11942 Btu/hr	17061 Btu/hr	22008 Btu/hr
	Capacity (Heating, Btu/hr)	10919 Btu/hr	11942 Btu/hr	20473 Btu/hr	22008 Btu/hr
	Capacity (Cooling, Min - Max, Btu/hr)	3,412 ~ 11,260 Btu/hr	3,412 ~ 13,649 Btu/hr	5,459 ~ 22,179 Btu/hr	4,777 ~ 26,956 Btu/hr
	Capacity (Heating, Min - Max, Btu/hr)	3,753 ~ 17,743 Btu/hr	3,753 ~ 18,426 Btu/hr	4,095 ~ 24,567 Btu/hr	4,095 ~ 30,368 Btu/hr
	Capacity (Cooling, kW)	2.50 kW	3.50 kW	5.00 kW	6.45 kW
	Capacity (Heating, kW)	3.20 kW	3.50 kW	6.00 kW	6.45 kW
	Capacity (Cooling, Min - Max, kW)	1.0 ~ 3.3 kW	1.0 ~ 4.0 kW	1.6 ~ 6.5 kW	1.4 ~ 7.9 kW
	Capacity (Heating, Min - Max, kW)	1.1 ~ 5.2 kW	1.1 ~ 5.4 kW	1.2 ~ 7.2 kW	1.2 ~ 8.9 kW
Energy Efficiency	EER (Cooling, W/W)	3.73 W/W	3.30 W/W	3.45 W/W	3.23 W/W
	COP (Heating, W/W)	3.72 W/W	3.72 W/W	3.43 W/W	3.41 W/W
	EER (Cooling, Btu/hW)	12.73 Btu/hW	11.27 Btu/hW	11.77 Btu/hW	11.00 Btu/hW
	COP (Heating, Btu/hW)	12.70 Btu/hW	12.70 Btu/hW	11.70 Btu/hW	11.64 Btu/hW
	Energy Efficiency Class for cooling (Grade)	A++ / A++	A / A++	A+ / A+	A / A+
Noise Level	Noise Level (Indoor, High/Low, dBA)	38 / 22 dBA	39 / 22 dBA	41 / 27 dBA	44 / 28 dBA
	Noise Level (Outdoor, High/Low, dBA)	45 dBA	46 dBA	51 dBA	54 dBA
Electrical Data	Power Source(Φ/V/Hz)	1 / 220~240~ / 50	1 / 220~240~ / 50	1 / 220~240~ / 50	1 / 220~240~ / 50
	Power Consumption(Cooling, W)	670 W	1060 W	1450 W	2000 W
	Power Consumption(Heating, W)	860 W	940 W	1750 W	1890 W
	Operating Current(Cooling, A)	3.6 A	5.0 A	6.6 A	9.2 A
	Operating Current(Heating, A)	4.4 A	4.5 A	7.9 A	8.5 A
	Net Dimension (Indoor, WxHxD)	820*299*215 mm	820*299*215 mm	1055*299*215 mm	1055*299*215 mm
	Net Dimension (Outdoor, WxHxD)	720*548*265 mm	720*548*265 mm	880*638*310 mm	880*638*310 mm
	Net Weight (Indoor, kg)	9.2 kg	9.2 kg	11.5 kg	11.5 kg
	Net Weight (Outdoor, kg)	27.1 kg	27.1 kg	39.7 kg	42.7 kg
Technical Information	Piping Length (Max, m)	15 m	15 m	30 m	30 m
	Piping Height (Max, m)	8 m	8 m	15 m	15 m
	SVC Valve (Liquid (ODxL))	6.35	6.35	6.35	6.35
	SVC Valve (Gas (ODxL))	9.52	9.52	12.7	15.88
	Moisture Removal (l/hr)	1.0 l/hr	1.5 l/hr	2.0 l/hr	2.5 l/hr
	Air Circulation (Cooling, °C/min)	10.3 °C/min	10.7 °C/min	16.6 °C/min	17.3 °C/min
	Refrigerant (Type)	R410A	R410A	R410A	R410A
	Refrigerant (Charging, kg)	1.00 kg	1.00 kg	1.30 kg	1.40 kg
	Low Ambient (Cooling, °C)	-10~46 °C	-10~46 °C	-10~46 °C	-10~46 °C
	Low Ambient (Heating, v)	-15~24 °C	-15~24 °C	-15~24 °C	-15~24 °C
	Outdoor Unit (Compressor Type)	BLDC	BLDC	BLDC	BLDC
Outdoor Unit (Anti-Corrosion Fin)	Yes	Yes	Yes	Yes	
Air Flow	Air Direction Control (Up/Down)	Auto	Auto	Auto	Auto
	Air Direction Control (Left/Right)	Auto	Auto	Auto	Auto
	Air Flow Control Step (Cool/Fan)	5/4	5/4	5/4	5/4
Air Purification	Tri Care Filter	Yes	Yes	Yes	Yes
	Easy Filter Plus (Anti Bacteria)	Yes	Yes	Yes	Yes
	Auto Clean (Self Cleaning)	Yes	Yes	Yes	Yes
Convenience	Smart Things	Yes	Yes	Yes	Yes
	AI Auto Cooling	Yes	Yes	Yes	Yes
	Filter Cleaning Indicator	Yes	Yes	Yes	Yes
	Indoor Temp. Display	Yes	Yes	Yes	Yes
	Display On/Off	Yes	Yes	Yes	Yes
	Beep On/Off	Yes	Yes	Yes	Yes
	24-Hour Timer	Yes	Yes	Yes	Yes
	Auto Changeover	Yes	Yes	Yes	Yes
	Auto Restart	Yes	Yes	Yes	Yes
Operating Mode	Auto Mode	Yes	Yes	Yes	Yes
	Fast Cool	Yes	Yes	Yes	Yes
	Good Sleep	Yes	Yes	Yes	Yes
	Eco Mode	Yes	Yes	Yes	Yes
	Dehumidification	Yes	Yes	Yes	Yes
	Fan Mode	Yes	Yes	Yes	Yes
	Quiet	Yes	Yes	Yes	Yes
Smart	WiFi Embedded	Yes	Yes	Yes	Yes
App Connectivity	Smart Things App Support	Yes	Yes	Yes	Yes

Due to Samsung's policy of constant improvement, specifications are subject to change without notice. E&OE.

\* Specifications may be subject to change without prior notice.

1) 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) 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 R410A which is fluorinated greenhouse gas.