

SAMSUNG



AR9500 2.0 WindFree™ Air Conditioner



- **WindFree™ Cooling** - Cools a wider and larger area more evenly. And it consumes up to 77% less energy than Fast Cooling mode* so you can stay comfortably cool while reducing energy costs.
- **PM1.0 Filter** - Captures ultra-fine particles and sterilizes up to 99% of bacteria (anti-dust, anti-bacteria, and anti-virus). Dual functionality as an aircon and an air purifier.
- **Motion Detect Sensor** - Efficiently and effectively cools automatically based on your movement. Ensures automatic cooling tailored to your motion.
- **Freeze Wash** - Quickly freezes the heat exchanger to create frost, blows air to defrost, and washes away dirt, eliminating 90% of microorganisms.
- **Wi-Fi enabled** - Through the Samsung SmartThings App, control and monitor your aircon remotely anytime, anywhere.
- **AI Auto Cooling** - Artificial Intelligence automatically optimises various modes by analysing room conditions and your usage patterns.
- **Digital Inverter Boost** - Maintains the desired temperature with less fluctuation, saving energy and money daily.
- **4-Way Swing** - Control the wind direction using the remote controller. Direct the wind to your desired location.
- **WindFree™ Good Sleep** - Maintains a comfortable sleeping temperature without a cold air flow.
- **Cooling/Heating** - Cools in summer and heats in winter.
- **Less Noise** - Cool or heat with less noise. The compressor creates a powerful airflow but operates quietly.
- **Triple Protector Plus** - Built-in protection against power surges and fluctuating electrical currents. Its anti-corrosion coating also protects the condenser and cabinet.
- **DuraFin™ Plus** - The DuraFin™ coil is corrosion-resistant and protects the condenser from rust. This ensures optimal performance and efficiency of the Heat Exchange system for a longer time.

Experience ultimate comfort with the ultra-premium AR9500 2.0 WindFree™ Air Conditioner

The Samsung AR9500 WindFree™ air conditioner is a testament to innovation, seamlessly blending advanced features to deliver unparalleled benefits. Its WindFree™ Cooling Technology not only efficiently cools large spaces but does so with a remarkable 77% reduction in energy consumption*, providing both comfort and cost savings. The incorporation of a PM1.0 Filter transforms it into a dual-functionality marvel, purifying the air by capturing ultra-fine particles and sterilizing bacteria, promoting a healthier indoor environment. The Motion Detect Sensor ensures not just automatic cooling but personalised comfort based on your movements. This smart aircon extends its health-focused benefits with features like the Freeze Wash, swiftly eliminating dirt and microorganisms. Enabled with Wi-Fi, AI Auto Cooling, and Digital Inverter Boost, the AR9500 optimises performance while offering remote control and maintaining desired temperatures with minimal fluctuations. Beyond comfort, its impact on health is evident, making it a comprehensive solution for clean, efficient, and personalised climate control in any space. Elevate your comfort and health with the Samsung AR9500 WindFree™—experience innovation like never before.



Model Code		AR12BSAAWK/FA	AR18BSAAWK/FA	AR24BSAAWK/FA
Capacity	Capacity (Cooling, Btu/hr)	11942 Btu/hr	17061 Btu/hr	22008 Btu/hr
	Capacity (Heating, Btu/hr)	11942 Btu/hr	20473 Btu/hr	22008 Btu/hr
	Capacity (Cooling, Min - Max, 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 ~ 18,426 Btu/hr	4,095 ~ 24,567 Btu/hr	4,095 ~ 30,368 Btu/hr
	Capacity (Cooling, kW)	3.50 kW	5.00 kW	6.45 kW
	Capacity (Heating, kW)	3.50 kW	6.00 kW	6.45 kW
	Capacity (Cooling, Min - Max, kW)	1.0 ~ 4.0 kW	1.6 ~ 6.5 kW	1.4 ~ 7.9 kW
	Capacity (Heating, Min - Max, kW)	1.1 ~ 5.4 kW	1.2 ~ 7.2 kW	1.2 ~ 8.9 kW
Energy Efficiency	EER (Cooling, W/W)	3.3 W/W	3.45 W/W	3.23 W/W
	COP (Heating, W/W)	3.72 W/W	3.43 W/W	3.41 W/W
	EER (Cooling, Btu/hW)	11.27 Btu/hW	11.77 Btu/hW	11 Btu/hW
	COP (Heating, Btu/hW)	12.7 Btu/hW	11.7 Btu/hW	11.64 Btu/hW
	Energy Efficiency Class for cooling (Grade)	A	A+	A
Noise Level	Noise Level (Indoor, High/Low, dBA)	38 / 22 dBA	41 / 27 dBA	44 / 28 dBA
	Noise Level (Outdoor, High/Low, dBA)	46 dBA	51 dBA	54 dBA
Electrical Data	Power Source(Ø/V/Hz)	1 / 220-240~/50	1 / 220-240~/50	1 / 220-240~/50
	Power Consumption(Cooling, W)	1060 W	1450 W	2000 W
	Power Consumption(Heating, W)	940 W	1750 W	1890 W
	Operating Current(Cooling, A)	5.0 A	6.6 A	9.2 A
	Operating Current(Heating, A)	4.5 A	7.9 A	8.5 A
Physical specification	Gross Dimension (Indoor, WxHxD)	880*290*410 mm	1115*290*410 mm	1115*290*410 mm
	Gross Dimension (Outdoor, WxHxD)	844*622*353 mm	1023*724*413 mm	1023*724*413 mm
	Net Dimension (Indoor, WxHxD)	820*345*215 mm	1055*345*215 mm	1055*345*215 mm
	Net Dimension (Outdoor, WxHxD)	720*548*265 mm	880*638*310 mm	880*638*310 mm
	Gross Weight (Indoor, kg)	12 kg	15.1 kg	15.1 kg
	Gross Weight (Outdoor, kg)	29.1 kg	43.1 kg	45.8 kg
	Net Weight (Indoor, kg)	10.4 kg	13.3 kg	13.3 kg
	Net Weight (Outdoor, kg)	27.1 kg	39.7 kg	42.7 kg
	Loading Quantity (20/40/40Hft without Pipe)	90 / 189 / 214	64 / 135 / 151	64 / 135 / 151
	Piping Length (Max, m)	15 m	30 m	30 m
Technical Information	Piping Height (Max, m)	8 m	15 m	15 m
	SVC Valve (Liquid (ODxL))	6.35	6.35	6.35
	SVC Valve (Gas (ODxL))	9.52	12.7	15.88
	Moisture Removal (l/hr)	1.5 l/hr	2 l/hr	2.5 l/hr
	Air Circulation (Cooling, °C/min)	12.1 °C/min	16.6 °C/min	17.1 °C/min
	Refrigerant (Type)	R410A	R410A	R410A
	Refrigerant (Charging, kg)	1.00 kg	1.30 kg	1.40 kg
	Refrigerant (Charging, tCO2e)	2.09 tCO2e	2.71 tCO2e	2.92 tCO2e
	Low Ambient (Cooling, °C)	-10 ~ 46 °C	-10 ~ 46 °C	-10 ~ 46 °C
	Low Ambient (Heating, °C)	-15 ~ 24 °C	-15 ~ 24 °C	-15 ~ 24 °C
	Outdoor Unit (Compressor Type)	BLDC	BLDC	BLDC
	Outdoor Unit (Anti-Corrosion Fin)	Yes	Yes	Yes
Air Flow	WindFree Cooling	Yes	Yes	Yes
	Air Direction Control (Up/Down)	Auto	Auto	Auto
	Air Direction Control (Left/Right)	Auto	Auto	Auto
	Air Flow Control Step (Cool/Fan)	5/4	5/4	5/4
Air Purification	PM1.0 Filter	Yes	Yes	Yes
	Tri Care Filter	No	No	No
	Easy Filter Plus (Anti-Bacteria)	No	No	No
	Auto Clean (Self Cleaning)	Yes	Yes	Yes
Convenience	SmartThings	Yes	Yes	Yes
	AI Auto Cooling	Yes	Yes	Yes
	Motion Detect Sensor	Yes	Yes	Yes
	Filter Cleaning Indicator	Yes	Yes	Yes
	Indoor Temp. Display	Yes	Yes	Yes
	Display On/Off	Yes	Yes	Yes
	Beep On/Off	Yes	Yes	Yes
	24-Hour Timer	Yes	Yes	Yes
	Auto Changeover	Yes	Yes	Yes
	Auto Restart	Yes	Yes	Yes
Operating Mode	Auto Mode	Yes	Yes	Yes
	Fast Cool	Yes	Yes	Yes
	Good Sleep	Yes	Yes	Yes
	Eco Mode	Yes	Yes	Yes
	Dehumidification	Yes	Yes	Yes
	Fan Mode	Yes	Yes	Yes
	Quiet	Yes	Yes	Yes
Smart	WiFi Embedded	Yes	Yes	Yes
App Connectivity	SmartThings App Support	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.

- Cooling capacities based on: - Indoor temperature: 27°C DB, 19°C Wb - Outdoor temperature: 35°C DB, 24°C WB. Equivalent refrigerant piping: 5m, Level difference: 0M
- Heating capacities based on: - Indoor temperature: 20°C DB, 15°C Wb - Outdoor temperature: 7°C DB, 64°C WB. Equivalent refrigerant piping: 5m, Level difference: 0M
- Sound pressure was acquired in an anechoic room. Thus noise level may be different depending on the installation conditions.
- These products contain R410A which is fluorinated greenhouse gas.



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