



Introducing the ultra-modern new **Samsung Inverter AR 7500 Wind-Free range**

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

- Samsung's AR 7500 Wind-Free model sets new airconditioning standards!
- Fast Cooling mode first cools/heats an entire room rapidly then switches automatically to Wind-Free mode.
- Samsung's unique Wind-Free design disperses air through thousands of tiny micro-holes, eliminating unpleasant draughts and ensuring your comfort.
- Energy Efficiency Class (cooling): A/A++
- Saves you up to 68% on electricity.
- Suitable for room sizes from 15m² up to 45m²



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Samsung's ultra-modern Inverter AR 7500 Wind-Free range

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

This new Samsung Digital Inverter AR 7500 range sets new standards in midwall split airconditioners. 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 saves up to 68% on energy usage*. Its unique Wind-Free design first rapidly cools a room with Fast Cooling mode, then automatically switches to dispersing cool air through thousands of tiny 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 7500 range is covered by Fourways 5-year warranty on parts.

*(Compared with a conventional airconditioner).



SPECIFICATIONS

| Model Code | | AR09TSHCBWK/FA | AR12TSHCBWK/FA | AR18TSHCBWK/FA | AR24TSHCBWK/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 |
| Technical Information | 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 |
| | Piping Length (Max, m) | 15 m | 15 m | 30 m | 30 m |
| Air Flow | 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, °C) | -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 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 |
| Operating Mode | Easy Filter Plus (Anti-Bacteria) | Yes | Yes | Yes | Yes |
| | Auto Clean (Self Cleaning) | 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 |
| | 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 | |

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.

Distributed & supported nationwide by Fourways Airconditioning:



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