SAMSUNG



AR3000 Non-inverter air conditioner







- **Fast Cooling** Rapidly reaches the desired temperature, so you feel comfortably cool or warm faster.
- Good Sleep Mode Creates the ideal conditions for a good night's sleep.
- Auto Mode Auto restart function and indoor temperature display.
- **Dehumidification** Extracts the moisture from the air while significantly cooling it at the same time.
- **HD Filter -** Prevents fine dust particles, allergens, and airborne contaminants from spreading out in the air.
- **2-Way Auto Swing -** Automatically controls the air flow direction, so it evenly distributes cool/warm air to ensure maximum comfort.
- Hidden Display

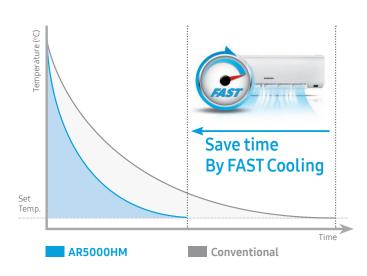
AR3000 air conditioner

A reliable, effective and affordable air conditioner with Fast Cooling, 2-Way Auto Swing and Good Sleep mode.

Fast Cooling

Rapidly reaches the desired temperature, so you feel comfortable faster.

Cool a whole room rapidly and effectively. Fast Cooling mode operates with the fastest fan speed, before slowing down. So it **cools or heats** much faster and reaches the desired temperature in the shortest time. It's ideal for immediate relief from the heat outside.





HD Filter

Prevents fine dust particles and allergens from spreading out in the air.

Make sure that the air you breathe is always clean and fresh. The HD Filter is really effective at capturing dust, airborne contaminants and allergens, such as pollen, mold spores and pet dander. And it's also washable, so all you need to do is give it a quick rinse in water and then reuse it.





Good Sleep

Creates the ideal conditions for a good night's sleep.

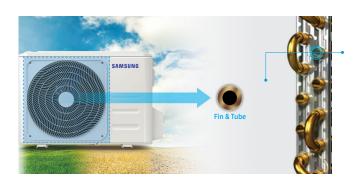
Enjoy a great night's sleep – every night! Good Sleep mode automatically controls and fine-tunes the temperature to create the ideal conditions for each stage of the sleep cycle. So you gain precious minutes of sleep and feel fully refreshed. And it also uses less energy than normal cooling.

2-Way Auto Swing

Automatically controls the air flow direction, so it evenly distributes cool/ warm air to ensure maximum comfort.

Create a comfortable environment with an even temperature in every corner. The 2-Way Auto Swing function automatically controls the air flow direction, so it's quickly and evenly distributed across the room. It can expel cool or warm air further and in every direction to ensure maximum comfort.





DuraFin™ Plus

Maintains the performance and efficiency of the Heat Exchanger.

Stay comfortably cool for much longer. The Fin protection is made of corrosion-resistant material to protect the condenser from rusting, which helps to maintain the optimal performance of the Heat Exchanger. Its superb corrosion-resistance was proven using the Salt Spray Test (SST) for 480 hours

AR3000 Non-inverter air conditioner

9000, 12000, 18000 & 24000 BTU



Copacity (Heating, Bfu/Irin) 938 Bfu/Irin 1120 Bfu/Irin 1120 Bfu/Irin 2000 Bfu/Irin Copacity (Heating, KW) 225 KW 314 KW 495 KW 645 KW Energy Efficiency EER (Cooling, WW) 328 WW 310 WWW 311 WWW 321 WWW EER (Cooling, WW) 365 WW 30 WWW 30 WWW 30 WWW 328 WW 500 KW 365 WW EER (Cooling, Bfu/IW) 104 Bfu/IrW 104 Bfu/IrW </th <th>Model Code</th> <th></th> <th>AR09CQHGAWK/FA</th> <th>AR12CQHGAWK/FA</th> <th>AR18CQHGAWK/FA</th> <th>AR24CQHGAWK/FA</th>	Model Code		AR09CQHGAWK/FA	AR12CQHGAWK/FA	AR18CQHGAWK/FA	AR24CQHGAWK/FA
Capacity (closing is/win) 298 Bit/min BL20 Bit/min MEXA MexA ASK with ASK w	Capacity	Capacity (Cooling, Btu/hr)	8871 Btu/hr	10700 Btu/hr	16889 Btu/hr	22000 Btu/hr
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conceptconceptconceptconceptconceptconceptconceptintergerLBI (concept, deving, www)350 www350 www310 www320 www350 www		Capacity (Coolina, kW)	2.60 kW	3.14 kW	4.95 kW	6.45 kW
Energy Efficiency Efficiency (WW) 312 WW 310 WW 310 WW 321 WW 328 WW DOP (Redun) (WW) B50 WW 360 WW			2.75 kW	3.28 kW	5.10 kW	6.45 kW
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Forces Dimension (Outdoor, Works0, memmermon) 794-db530 mm 794-db530	Physical specification	Gross Dimension (Indoor, WxHxD, mm*mm*mm)	911×290×343 mm	911×290×343 mm	1016×340×409 mm	1147×351×418 mm
Net Dimension Quidador. Walk-Durramam, 722-656-330 mm 726-556-330 mm 726-556-330 mm 726-556-330 mm 956-95-00 mm Gross Weight (Nabor, Kg) 30 Mg 31 Kg 30 Kg	,	Gross Dimension (Outdoor, WxHxD, mm*mm*mm)	794×615×376 mm	794×615×376 mm	872×620×398 mm	1032×737×456 mm
Nat Dimension (Outdoor, Wateb, Ourmannin) 722-656-330 mm 926-550 and IO/Sg 926-550		Net Dimension (Indoor, WxHxD, mm*mm*mm)	835×275×200 mm	835×275×200 mm	943×333×246 mm	1078×333×246 mm
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Refrigerant (Type) R410A R410A <td></td> <td></td> <td></td> <td></td> <td></td>						
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Low Ambient (Cooling °C)IB~43 °CIB~43 °CIB~43 °CAir Direction Control (Up/Down)-7~24 °C-7~24 °C-7~24 °CAir Direction Control (Up/Down)AutoAutoAutoAir Direction Control (Up/Down)MonualMonualManualAir Direction Control (Up/Down)3 Step3 Step3 StepAir Flow Control Step (Cool/Fan)3 Step3 Step3 StepAir PurificationM Di FilterNoNoNoAir Flow Control Step (Cool/Fan)NoNoNoNoAir Gue Control Step (Cool/Fan)NoNoNoNoAir Gue Control Step (Cool/Fan)NoNoNoNoAir Gue Control Step (Cool/Fan)NoNoNoNoAir Collean (Self Cleaning)NoNoNoNoAuto Clean (Self Cleaning)NoNoNoNoAuto Clean (Self Cleaning)NoNoNoNoAuto CoolingNoNoNoNoNoFreeze WashNoNoNoNoNoFreeze WashNoNoNoNoNoFreeze WashNoNoNoNoNoIbsploy On/OffYesYesYesYesBeg On/OffNoNoNoNoNoAuto ResourtYesYesYesYesAuto ResourtYesYesYesYesAuto ResourtYesYesYesYesBeg On/		Refrigerant (Type)	R410A	R410A	R410A	R410A
Low Ambient (Heating, °C)-7~24 °C-7~24 °C-7~24 °CAir Direction Control (Up/Down)AutoAutoAutoAutoAir Direction Control (Up/Down)3 MonualManualManualManualAir Direction Control (Up/Enght)MonualManualManualManualAir Pow Control Step (Cool/Fan)3 Step3 Step3 Step3 StepAir PurificationPM 10 EliterNoNoNoNoTi Care FilterNoNoNoNoNoAuto Cean (Self Cleaning)NoNoNoNoNoAuto Cean (Self Cleaning)NoNoNoNoNoAluto CoolingNoNoNoNoNoNoMotion Detect SensorNoNoNoNoNoNoFilter Cleaning IndicatiorNoNoNoNoNoNoIndoor Emp. DisplayNoNoNoNoNoNoAuto ResourtYesYesYesYesYesYesAuto RangeverNoNoNoNoNoNoNoAuto RangeverYesYesYesYesYesYesAuto RangeverYesYesYesYesYesYesAuto RangeverYesYesYesYesYesYesAuto RangeverYesYesYesYesYesYesAuto RangeverYesYesYesYesYesYes </td <td>Refrigerant (Charging, kg)</td> <td>0.70 kg</td> <td></td> <td></td> <td>1.10 kg</td>		Refrigerant (Charging, kg)	0.70 kg			1.10 kg
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Air Direction Control (Left/Right) Manual Manual Manual Manual Manual Manual Manual Air Poux Control Step (Cool/Fact) 3 Step 3 Step 3 Step 3 Step 3 Step Air Pour Step (Cool/Fact) No No No No No Air Pour Filter No No No No No Air Cool Filter No No No No No Air Cool Step (Sel Cleaning) No No No No No Air Cool Step (Sel Cleaning) No No No No No Air Cool Step (Sel Cleaning) No No No No No Air Cool Step (Sel Cleaning) No No No No No Air Cool Step (Sel Cleaning) No No No No No Disploy Or/Of No No No No No No Air Cool Step (Sel Cleaning) No No No No No	Air Flow	Air Direction Control (Up/Down)	Auto	Auto	Auto	Auto
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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 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 2. 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 3. Sound pressure was acquired in an anechoic room. Thus noise level may be different depending on the installation conditions.

4. These products contain R410A which is fluorinated greenhouse gas.

