

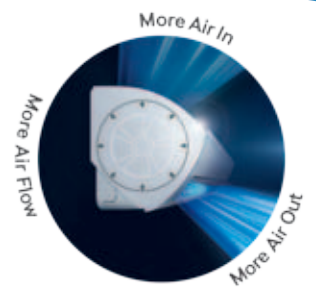


# The Triangle

Ultimate Cooling and Heating Design

## Samsung AR 9000 Premium Inverter

Wider inlet for greater air intake; improved wider outlet plus bigger fan ensures air is expelled faster and further to reach every corner of your room with no blind spots.



- Energy Efficiency Class A+++
- Built in Virus Doctor and anti-bacterial coating removes airborne allergens, bacteria and viruses for a healthy environment
- Two-Step cooling provides immediate comfort using the Fast Cool mode then automatically adjusts to Comfort Cool mode to maintain temperature
- Triple Protector Plus technology with anti-corrosion treatment on the fins and cabinet ensure reliability in harsh environments
- Built in WiFi, Filter Cleaning Indicator and Indoor Temperature Display



49m



fourways  
AIRCONDITIONING

SAMSUNG

# Samsung AR 9000 Inverter Specifications

The Triangle: Ultimate Cooling and Heating Design

Cools faster, farther and wider



RANGE		AR 9000 - Premium R410a Inverter		
Btu		9000 BTU	12 000 BTU	
Model Code		AR09FSSFAWKNFA	AR12FSSFAWKNFA	
Performance	Air Circulation (Max, m <sup>3</sup> /min)	11,0	12,0	
	Capacity (Cooling, Min - Max)	3,310 - 11,261	3,310 - 13,650	
	Capacity (Heating, Min - Max)	2901 - 20475	2901 - 22523	
	Capacity (Heating, kW)	3,2	4,0	
	Capacity (Cooling, kW)	2,5	3,5	
	Capacity (Cooling, Kcal/hr)	2150	3010	
	Capacity (Heating, Kcal/hr)	2750	3440	
	Energy Efficiency	EER (Cooling, W/W)	4.55W/W	3.72W/W
		COP (Heating, W/W)	4.16W/W	3.81W/W
	Moisture Removal (l/hr)		0.9l/hr	1.2l/hr
Noise Level	Outdoor High	45dBA	46dBA	
	Indoor High/Low	38 / 16dBA	39 / 16dBA	
Electrical Data	Energy Efficiency	Operating Current (Cooling)	2.7A	4.4A
		Operating Current (Heating)	3.6A	4.9A
		Power Consumption (Cooling)	550W	940W
		Power Consumption (Heating)	770W	1050W
	Power Source	Ø/V/Hz	1 / 220 - 240 / 50	1 / 220 - 240 / 50
Physical Specification	Dimension	Net Dimension (WxHxD, (Indoor)	936x264x270mm	936x264x270mm
		Net Dimension (WxHxD, (Outdoor)	790x545x285mm	790x545x285mm
	Weight	Net Weight (Indoor)	12.5kg	12.5kg
		Net Weight (Outdoor)	35.0kg	35.0kg
Technical Information	Piping Length	Piping Length (Max)	15m	15m
	Piping Height	Piping Height (Max)	8m	8m
	Refrigerant Type		R-410A	R-410A
	SVC Valve	Liquid (ODxL)	Liquid 6.35 mm x 5m	Liquid 6.35 mm x 5m
		Gas (ODxL)	Gas 9.52 mm x 5m	Gas 9.52 mm x 5m
	General Features	Air Flow	Wide Twin Blade	No
Optimal Single Blade			Yes	Yes
Air Direction Control (Up/Down)			Auto	Auto
Air Direction Control (Left/Right)			Auto	Auto
Air Flow Control Step (Cool/Fan)			4 Steps	4 Steps
Natural Breeze			Yes	Yes
Air Purification		S-Plasma Ion	Yes	Yes
		Auto Roof Shutter	No	No
		Full HD Filter	3 Care Filter	3 Care Filter
		Allergy Care	Yes	Yes
		Anti-Bacteria Coating	Yes	Yes
		Auto Clean (Self Cleaning)	Yes	Yes
Convenience		Smart wifi	Yes	Yes
		Filter Cleaning Indicator	Yes	Yes
		Indoor Temp. Display	Yes	Yes
		Remote Controller	Yes	Yes
		Display On/Off	Yes	Yes
		Beep On/Off	Yes	Yes
		24-Hour Timer	Yes	Yes
		Auto Changeover	Yes	Yes
	Auto Restart	Yes	Yes	
Low Ambient	Cooling	-10 ~ 46 °C	-10 ~ 46 °C	
	Heating	-15 ~ 24 °C	-15 ~ 24 °C	
Operating Mode	2 Step Cooling	Yes	Yes	
	Fast Cool	Yes	Yes	
	Comfort Cool	Yes	Yes	
	DLight Cool	Yes	Yes	
	Good Sleep	Yes	Yes	
	Single User Mode	Yes	Yes	
	Dehumidification	Yes	Yes	
	Auto Mode	Yes	Yes	
	Fan Mode	Yes	Yes	
	Quiet	Yes	Yes	
Outdoor Unit	Compressor Type	Twin BLDC	Twin BLDC	
	Anti-Corrosion Fin	Yes	Yes	
	Multi-Channel Condensor	Yes	Yes	