

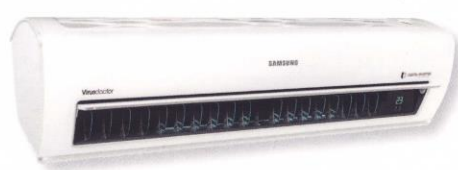
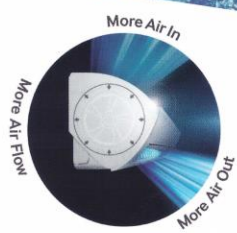


The Triangle

Ultimate Cooling and Heating Design

Samsung AR 7000 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.



- Digital Inverter works smart to maintain pre-set temperature using up to 70% less energy
- 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 Virus Doctor and anti-bacterial coating removes airborne allergens, bacteria and viruses for a healthy environment
- Built in Filter Cleaning Indicator and Indoor Temperature Display



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Samsung AR 7000 Inverter Specifications

The Triangle: Ultimate Cooling and Heating Design
Cools faster, farther and wider



RANGE		AR 7000 - Deluxe R410a Inverter				
Btu		9000 BTU	12 000 BTU	18 000 BTU	24 000 BTU	
Model Code		AR09FSSDAWKNFA	AR12FSSDAWKNFA	AR18FSSDAWKNFA	AR24FSSDAWKNFA	
Performance	Air Circulation (Max. m ³ /min)	10 m ³ /min	11 m ³ /min	15 m ³ /min	16 m ³ /min	
	Capacity (Cooling, Min - Max)	3241 - 10918	3241 - 12966	4265 - 20472	7506 - 27296	
	Capacity (Heating, Min - Max)	3241 - 16036	3241 - 17401	3378 - 22178	6483 - 34120	
	Capacity (Heating, kW)	3.3 kW	4 kW	6 kW	8 kW	
	Capacity (Cooling, kW)	2.5 kW	3.5 kW	5 kW	7 kW	
	Capacity (Cooling, Kcal/hr)	2150 Kcal/hr	3010 Kcal/hr	4300 Kcal/hr	6805 Kcal/hr	
	Capacity (Heating, Kcal/hr)	2838 Kcal/hr	3440 Kcal/hr	5160 Kcal/hr	6879 Kcal/hr	
	Energy Efficiency	EER (Cooling, Btu/hW)	12.73 Btu/hW	10.95 Btu/hW	11.01 Btu/hW	10.95 Btu/hW
		EER (Cooling, W/W)	3.73 W/W	3.4 W/W	3.23 W/W	3.21 W/W
		COP (Heating, W/W)	3.73 W/W	3.64 W/W	3.3 W/W	3.21 W/W
Moisture Removal (l/hr)	2 l/hr	1.5 l/hr	2 l/hr	2 l/hr		
Noise Level	Outdoor High	51 dBA	53 dBA	57 dBA	57 dBA	
	Indoor High/Low	41/25 dBA	43/25 dBA	46/33 dBA	46/33 dBA	
Electrical Data	Energy Efficiency	Operating Current (Cooling)	2.91 A	5.2 A	7.2 A	9.5 A
		Operating Current (Heating)	3.84 A	6 A	9 A	10.7 A
		Power Consumption (Cooling)	670 W	1030 W	1550 W	2120 W
		Power Consumption (Heating)	885 W	1110 W	1820 W	2465 W
	Power Source	0V/Hz	10 220-240 V / 50 Hz	10 220 - 240 V / 50 Hz	10 220-240V / 50 Hz	10 220-240V / 50 Hz
Physical Specification	Dimension	Net Dimension (WxHxD, (Indoor)	826x275x260 mm	826x275x260 mm	896x260x275 mm	1063x294x317 mm
		Net Dimension (WxHxD, (Outdoor)	720x265x548 mm	720x265x548 mm	790x545x285 mm	880x638x310 mm
	Weight	Net Weight (Indoor)	9.5 kg	9.5 kg	10 kg	13 kg
		Net Weight (Outdoor)	28 kg	28 kg	40 kg	45 kg
Technical Information	Piping Length	Piping Length (Max)	15 m	15 m	30 m	30 m
	Piping Height	Piping Height (Max)	8 m	8 m	15 m	15 m
	Refrigerant Type		R-410A	R-410A	R-410A	R-410A
	SVC Valve	Liquid (ODxL)	Liquid 6.35 mm x 5m	Liquid 6.35 mm x 5m	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	Gas 12.7 mm x 5m	Gas 15.88 mm x 5m	
Air Flow	Wide Twin Blade	No	No	No	No	
	Optimal Single Blade	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)	4 Steps	4 Steps	4 Steps	4 Steps	
	Natural Breeze	Yes	Yes	Yes	Yes	
Air Purification	S-Plasma Ion	Yes	Yes	Yes	Yes	
	Auto Roof Shutter	No	No	No	No	
	Full HD Filter	Yes	Yes	Yes	Yes	
	Allergy Care	Yes	Yes	Yes	Yes	
	Anti-Bacteria Coating	Yes	Yes	Yes	Yes	
General Features	Convenience	Auto Clean (Self Cleaning)	Yes	Yes	Yes	Yes
		Smart wifi	No	No	No	No
		Filter Cleaning Indicator	Yes	Yes	Yes	Yes
		Indoor Temp. Display	Yes	Yes	Yes	Yes
		Remote Controller	Yes	Yes	Yes	Yes
		Display On/Off	Yes	Yes	Yes	Yes
		Beep On/Off	Yes	Yes	Yes	Yes
	Low Ambient	24-Hour Timer	Yes	Yes	Yes	Yes
		Auto Changeover	Yes	Yes	Yes	Yes
		Auto Restart	Yes	Yes	Yes	Yes
Operating Mode	Cooling	-10 - 46 °C	-10 - 46 °C	-10 - 46 °C	-10 - 46 °C	
	Heating	-15 - 24 °C	-15 - 24 °C	-15 - 24 °C	-15 - 24 °C	
	2 Step Cooling	Yes	Yes	Yes	Yes	
	Fast Cool	Yes	Yes	Yes	Yes	
	Comfort Cool	Yes	Yes	Yes	Yes	
	Dlight Cool	No	No	No	No	
	Good Sleep	Yes	Yes	Yes	Yes	
	Single User Mode	Yes	Yes	Yes	Yes	
	Dehumidification	Yes	Yes	Yes	Yes	
	Auto Mode	Yes	Yes	Yes	Yes	
Outdoor Unit	Fan Mode	Yes	Yes	Yes	Yes	
	Quiet	Yes	Yes	Yes	Yes	
	Compressor Type	BLDC	BLDC	BLDC	BLDC	
Anti-Corrosion Fin		Yes	Yes	Yes	Yes	
	Multi-Channel Condensor	Yes	Yes	Yes	Yes	



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