



NEW Samsung Maldives Inverter Range

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

- Attractive matt-white finish harmonises with any decor
- Advanced Inverter technology saves up to 40% on electricity
- Heating and cooling
- Smart Saver
- Full HD filter with anti-bacterial coating
- Good Sleep mode
- Backed nationwide by Fourways Airconditioning



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AIRCONDITIONING

SAMSUNG

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With electricity prices ever on the increase, Inverter technology is the way to go. Samsung's advanced Inverter technology with Smart Saver reduces electricity usage by up to 40%, while still ensuring air circulation as high as 20m³/min (24 000 model), either heating or cooling. A Full HD filter with anti-bacterial coating removes dust and bacteria, ensuring a healthy environment. Maldives Inverters' proven Samsung quality is backed by the nationwide resources of Fourways Airconditioning offering sales and service in all major metropolitan areas.

SPECIFICATIONS

Model Code	AR09KSFPWCQNFA	AR12KSFPWCQNFA	AR18KSFPWCQNFA	AR24KSFPWCQNFA	
Capacity	Capacity (Cooling, Btu/hr)	8500 Btu/hr	11300 Btu/hr	16400 Btu/hr	22180 Btu/hr
	Capacity (Heating, Btu/hr)	10600 Btu/hr	13000 Btu/hr	18800 Btu/hr	23880 Btu/hr
	Capacity (Cooling, Min - Max, Btu/hr)	3750~11260 Btu/hr	3750~13650 Btu/hr	3410~20470 Btu/hr	6142~27296 Btu/hr
	Capacity (Heating, Min - Max, Btu/hr)	3580~15010 Btu/hr	3410~16380 Btu/hr	3410~27300 Btu/hr	4436~27978 Btu/hr
	Capacity (Cooling, kW)	2.5 kW	3.3 kW	4.8 kW	6.5 kW
	Capacity (Heating, kW)	3.1 kW	3.8 kW	5.5 kW	7.0 kW
	Capacity (Cooling, Min - Max, kW)	1.1~3.3 kW	1.1~4.0 kW	1.0~6.0 kW	1.8~8.0 kW
	Capacity (Heating, Min - Max, kW)	1.05~4.4 kW	1.0~4.8 kW	1.0~8.0 kW	1.3~8.2 kW
Energy Efficiency	EER (Cooling, W/W)	3.01 W/W	3.01 W/W	3.01 W/W	3.01 W/W
	COP (Heating, W/W)	3.41 W/W	3.41 W/W	3.41 W/W	3.41 W/W
	EER (Cooling, Btu/hW)	10.24 Btu/hW	10.32 Btu/hW	10.28 Btu/hW	10.27 Btu/hW
Noise Level	Noise Level (Indoor, High/Low, dBA)	38/22 dBA	38/22 dBA	42/26 dBA	45/29 dBA
	Noise Level (Outdoor, High/Low, dBA)	47 dBA	47 dBA	52 dBA	54 dBA
Electrical Data	Power Source(Ø/V/Hz)	1/220~240V/50Hz	1/230V/50Hz	1/220~240V/50Hz	1/220~240V/50Hz
	Power Consumption(Cooling, W)	830 W	1095 W	1595 W	2160 W
	Power Consumption(Heating, W)	910 W	1115 W	1615 W	2050 W
	Operating Current(Cooling, A)	4.1 A	5.2 A	7A	9.8 A
	Operating Current(Heating, A)	4.1 A	5.2 A	8A	10A
Physical Specification	Gross Dimension (Indoor, mm)	880x260x360 mm	900x260x360	1125x290x375 mm	1125x290x375 mm
	Gross Dimension (Outdoor, mm)	778x550x331 mm	850x600x350	1023x730x413 mm	1023x911x413 mm
	Net Dimension (Indoor, mm)	820x285x215 mm	820x285x215 mm	1065x298x230 mm	1065x298x230 mm
	Net Dimension (Outdoor, mm)	660x475x242 mm	720x548x265 mm	880x638x310 mm	880x793x310 mm
Technical Information	Piping Length (Max, m)	15 m	15 m	20 m	30 m
	Piping Height (Max, m)	7 m	7 m	12 m	15 m
	SVC Valve (Liquid, OD))	9,52	9,52	12,7	6,35
	SVC Valve (Gas, OD))	6,35	6,35	6,35	15,88
	Moisture Removal (l/hr)	0.9 l/hr	0.9 l/hr	1.8 l/hr	2.4 l/hr
	Air Circulation (Cooling, m ³ /min)	10.5 m ³ /min	10 m ³ /min	18 m ³ /min	20 m ³ /min
	Refrigerant (Type)	R410A	R410A	R410A	R410A
	Low Ambient (Cooling, °C)	16~46 °C	16~46 °C	16~46 °C	16~46 °C
	Low Ambient (Heating, °C)	-10~24 °C	-10~24 °C	-10~24 °C	-10~24 °C
	Outdoor Unit (Compressor Type)	BLDC ROTARY	BLDC Rotary	BLDC ROTARY	BLDC ROTARY
	Outdoor Unit (Anti-Corrosion Fin)	Yes	Yes	Yes	Yes
	Optimal Single Blade	Yes	Yes	Yes	Yes
	Air Direction Control (Up/Down)	Auto	Auto	Auto	Auto
	Air Direction Control (Left/Right)	Manual	Manual	Manual	Manual
Air Flow Control Step (Cool/Fan)	5/4	5/4	5/4	5/4	
Air Purification	Allergy Care	Yes	Yes	Yes	Yes
	Anti-Bacteria	Yes	Yes	Yes	Yes
	Auto Clean (Self Cleaning)	Yes	Yes	Yes	Yes
	Easy filter	Yes	Yes	Yes	Yes
Convenience	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
	2 Step Cooling	Yes	Yes	Yes	Yes
Operating Mode	Fast Cool	Yes	Yes	Yes	Yes
	Comfort Cool	Yes	Yes	Yes	Yes
	Good Sleep	Yes	Yes	Yes	Yes
	Single User Mode	Yes	Yes	Yes	Yes
	Smart Saver	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.

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