

**Maldives**  
AR12MSFPEWQNEU

**SAMSUNG**



**Residential**

**Works smart**  
**Digital Inverter**

An energy-efficient Digital Inverter maintains the desired temperature without frequently turning off and on. So it uses less energy\* and helps you stay comfortable for long periods.

\*Tested on AR09MSFHBWKNET compared with Samsung conventional model AQ09TSB.



**Fast Cooling**

Fast Cooling Mode cools much faster by running the compressor at the maximum level with the fastest fan speed for 30 minutes\*\*. Its Digital Inverter also helps it quickly reach the maximum speed when it starts

\*\* Tested on AR09MSFHBWKNET compared with Samsung conventional models.

**Enjoy good night's sleep**

Good Sleep mode creates the desirable climate for a good night's sleep. With its temperature control, it keeps you comfortable, so you fall asleep fast, sleep deeply, and wake up refreshed.



# Maldives

## AR12MSFPEWQNEU

# SAMSUNG

Attribute	Value	
<b>Capacity</b>	Capacity (Cooling, kW)	3.5 kW
	Capacity (Heating, kW)	3.5 kW
	Capacity (Cooling, Min - Max, kW)	1.10~4.00 kW
	Capacity (Heating, Min - Max, kW)	1.05~4.10 kW
<b>Energy Efficiency</b>	EER (Cooling, W/W)	2.76 W/W
	COP (Heating, W/W)	3.50 W/W
	Energy Efficiency Class for cooling (Grade)	A++
	Energy Efficiency Class for cooling (W/W)	6.1
	Energy Efficiency Class for heating in 'Warmer' heating season (Grade)	A+
	Energy Efficiency Class for heating in 'Warmer' heating season (W/W)	4.4
<b>Noise Level</b>	Sound Power Level(Indoor, Cooling, dBA)	59 dBA
	Sound Power Level(Outdoor, Cooling, dBA)	65 dBA
	Noise Level (Indoor, High/Low, dBA)	42/21 dBA
	Noise Level (Outdoor, High/Low, dBA)	48 dBA
<b>Electrical Data</b>	Power Source(Φ/V/Hz)	1, 220~240, 50
	Power Consumption(Cooling, W)	1270 W
	Power Consumption(Heating, W)	1000 W
	Operating Current(Cooling, A)	6.0 A
	Operating Current(Heating, A)	4.7 A
<b>Physical specification</b>	Gross Dimension Indoor, WxHxD,	880*260*360 mm
	Gross Dimension Outdoor, WxHxD	778*550*331 mm
	Net Dimension Indoor, WxHxD	820*285*215 mm
	Net Dimension Outdoor, WxHxD	660*475*242 mm
	Gross Weight (Indoor, kg)	9.8 kg
	Gross Weight (Outdoor, kg)	24.6 kg
	Net Weight (Indoor, kg)	8.0 kg
	Net Weight (Outdoor, kg)	22.8 kg
<b>Technical Information</b>	Piping Length (Max, m)	15 m
	Piping Height (Max, m)	8 m
	SVC Valve (Liquid (ODxL))	6.35
	SVC Valve (Gas (ODxL))	9.52
	Moisture Removal (l/hr)	1.5 l/hr
	Air Circulation (Cooling, m <sup>3</sup> /min)	11.3 m <sup>3</sup> /min
	Refrigerant (Type)	R410A(GWP=2,088)
	Refrigerant (Charging, kg)	0.88 kg
	Refrigerant (Charging, tCO <sub>2</sub> e)	1.84 tCO <sub>2</sub> e
	Low Ambient (Cooling, °C)	-5 - 46 °C
	Low Ambient (Heating, °C)	-10 - 24 °C
	Outdoor Unit (Compressor Type)	8-POLE
	Outdoor Unit (Anti-Corrosion Fin)	Yes
<b>Air Flow</b>	Air Direction Control (Up/Down)	Auto
	Air Flow Control Step (Cool/Fan)	5/4
<b>Air Purification</b>	Allergy Care	Yes
	Anti-Bacteria	Yes
	Auto Clean (Self Cleaning)	Yes
<b>Convenience</b>	Smart wifi	No
	Display On/Off	Yes
	Beep On/Off	Yes
	24-Hour Timer	Yes
	Auto Changeover	Yes
	Auto Restart	Yes
<b>Operating Mode</b>	2 Step Cooling	Yes
	Fast Cool	Yes
	Comfort Cool	Yes
	Good Sleep	Yes
	Single User Mode	Yes
	Dehumidification	Yes
	Fan Mode	Yes
	Quiet	Yes

