

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.



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Attribute	Value	
Capacity	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
Energy Efficiency	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
Noise Level	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
Electrical Data	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
Physical specification	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
Technical Information	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 ³ /min)	11.3 m ³ /min
	Refrigerant (Type)	R410A(GWP=2,088)
	Refrigerant (Charging, kg)	0.88 kg
	Refrigerant (Charging, tCO ₂ e)	1.84 tCO ₂ 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
Air Flow	Air Direction Control (Up/Down)	Auto
	Air Flow Control Step (Cool/Fan)	5/4
Air Purification	Allergy Care	Yes
	Anti-Bacteria	Yes
	Auto Clean (Self Cleaning)	Yes
Convenience	Smart wifi	No
	Display On/Off	Yes
	Beep On/Off	Yes
	24-Hour Timer	Yes
	Auto Changeover	Yes
	Auto Restart	Yes
Operating Mode	2 Step Cooling	Yes
	Fast Cool	Yes
	Comfort Cool	Yes
	Good Sleep	Yes
	Single User Mode	Yes
	Dehumidification	Yes
	Fan Mode	Yes
	Quiet	Yes

