

SAMSUNG
Climate Solutions



Ceiling Suspended

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- Horizontal installation only.
- Air supply by means of one adjustable blade.
- Sirocco Fans direct driven by a single motor.
- Long-life washable HD 40 permanent filter is included.

- Can be controlled by Smartphone via Wi-Fi Kit (Optional).

Specifications



Model			AM112JNCDKH/EU	AM140JNCDKH/EU
Electrical				
Power Supply		Φ, #, V, Hz	10, 2, 220–240 V, 50 Hz	10, 2, 220–240 V, 50 Hz
MCA		A	0.94	1.45
MFA		A	15	15
Interconnecting Communication Cable		mm ²	Screened 0.75-1.5mm ² , 2 Core, F1 F2 Connection	
Performance¹				
Nominal Cooling Capacity	Total Cooling (Sensible Cooling)	kW	11.2 (7.9)	14.0 (9.6)
UK Cooling Capacity	Total Cooling (Sensible Cooling)	kW	9.1 (7.1)	11.4 (8.5)
Nominal Heating Capacity		kW	12.5	16.0
Fan				
Type		-	Sirocco Fan	Sirocco Fan
Number of Fans		ea	3	4
Fan Motor	Model	-	BLDC	BLDC
	Output x n	W	260 x 1	355 x 1
Airflow Rate	H/M/L	m ³ /min	29.30 / 23.90 / 18.50	36.40 / 30.80 / 26.00
		l/s	488.33 / 398.33 / 308.33	606.67 / 513.33 / 433.33
Piping Connections				
Liquid Pipe		ø, mm (inch)	9.52 (3/8)	9.52 (3/8)
Gas Pipe		ø, mm (inch)	15.88 (5/8)	15.88 (5/8)
Drain Pipe		ø, mm	VP25	VP25
Refrigerant				
Type			R410A (Fluorinated greenhouse gas, GWP=2088)	
Control Method			EEV included	EEV included
Sound				
Sound Pressure Level	H/M/L	dB(A)	45 / 41 / 37	46 / 43 / 38
Sound Power Level	Cooling	dB(A)	61	63
Dimensions				
Net Weight		kg	33.5	42.5
Net Dimensions	W x H x D	mm	1350 x 235 x 675	1650 x 235 x 675

¹ Performances are based on the following design conditions:

- Nominal Cooling Capacity: Indoor temperature 27°C DB, 19°C WB, Outdoor temperature 35°C DB
- Nominal Heating Capacity: Indoor temperature 20°C DB, Outdoor temperature 7°C DB, 6°C WB
- UK Cooling Capacity: Indoor temperature 23°C DB, 16°C WB, Outdoor temperature 30°C DB

Accessories

Wireless Remote Controller	Touch Wired Controller	Premium Wired Controller	Wi-Fi Kit	External Room Sensor
AR-EH03E	MWR-SH11N	MWR-WG00JN	MIM-H04EN	MRW-TA