

SAMSUNG
Climate Solutions

VRF



Floor Console

Floor Console

- Slim design: only 199 mm in depth.
- Turbo fan with single-phase inverter motor.
- Two separate air outlets to avoid stratification.
- Long-life washable permanent filter.

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

Specifications



Model			AM022KNJDEH/EU	AM028FNJDEH/EU	AM036FNJDEH/EU	AM045KNJDEH/EU	AM056FNJDEH/EU
Electrical							
Power Supply	Ø, #, V, Hz		1Ø, 2, 220-240 V, 50 Hz	1Ø, 2, 220-240 V, 50 Hz	1Ø, 2, 220-240 V, 50 Hz	1Ø, 2, 220-240 V, 50 Hz	1Ø, 2, 220-240 V, 50 Hz
MCA	A		0.13	0.25	0.29	0.3	0.49
MFA	A		15	15	15	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	2.2 (1.5)	2.8 (1.9)	3.6 (2.4)	4.5 (3.0)	5.6 (3.8)
UK Cooling Capacity	Total Cooling (Sensible Cooling)	kW	1.8 (1.5)	2.3 (1.8)	2.9 (2.2)	3.7 (2.7)	4.6 (3.4)
Nominal Heating Capacity		kW	2.5	3.2	4.0	5.0	6.3
Fan							
Type		-	Turbo Fan	Turbo Fan	Turbo Fan	Turbo Fan	Turbo Fan
Number of Fans		ea	1	1	1	1	1
Fan Motor	Model	-	BLDC	BLDC	BLDC	BLDC	BLDC
	Output x n	W	37 x 1	37 x 1	37 x 1	37 x 1	37 x 1
Airflow Rate	H/M/L	m ³ /min	6.30 / 5.40 / 4.90	7.00 / 6.00 / 5.00	8.50 / 7.50 / 6.50	11.30 / 9.80 / 8.20	13.00 / 11.50 / 10.00
		l/s	105.00 / 90.00 / 81.67	116.67 / 100.00 / 83.33	141.67 / 125.00 / 108.33	188.33 / 163.33 / 136.67	216.67 / 191.67 / 166.67
Piping Connections							
Liquid Pipe	ø, mm (inch)		6.35 (1/4)	6.35 (1/4)	6.35 (1/4)	6.35 (1/4)	6.35 (1/4)
Gas Pipe	ø, mm (inch)		12.70 (1/2)	12.70 (1/2)	12.70 (1/2)	12.70 (1/2)	12.70 (1/2)
Drain Pipe	ø, mm		ID18 HOSE	ID18 HOSE	ID18 HOSE	ID18 HOSE	ID18 HOSE
Refrigerant							
Type			R410A (Fluorinated greenhouse gas, GWP=2088)				
Control Method			EEV included	EEV included	EEV included	EEV included	EEV included
Sound							
Sound Pressure Level	H/M/L	dB(A)	34 / 32 / 30	38 / 36 / 34	39 / 37 / 34	42 / 39 / 36	43 / 40 / 37
Sound Power Level	Cooling	dB(A)	52	58	59	63	64
Dimensions							
Net Weight		kg	15.5	16.0	16.0	16.0	16.0
Net Dimensions	W x H x D	mm	720 x 620 x 199	720 x 620 x 199	720 x 620 x 199	720 x 620 x 199	720 x 620 x 199

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
MR-EH00 (Included as standard)	MWR-SH11N	MWR-WG00JN	MIM-H04EN	MRW-TA