

COMPACT ROUND FLOW CASSETTE RANGE



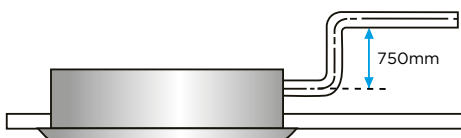
360° AIRFLOW OUTLET

360° air outlet provides even airflow circulation to cool or heat every corner of a room and keep a constant temperature.



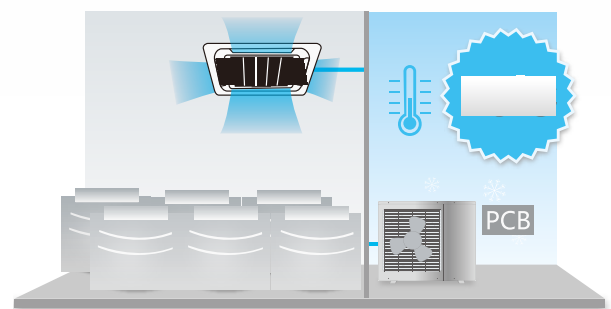
FRESH AIR INLET

Built in fresh air inlet to make a more comfortable environment. Optional motor available to increase the fresh air effect.



BUILT IN DRAIN PUMP

The built in drain pump can lift the condensate water up to 750mm.



LOW AMBIENT COOLING

With built-in low ambient kit or specially designed PCB, outdoor fan speed can be changed automatically according to condenser temperature, even when the temperature is down to -15°C.



LED FASCIA DISPLAY

Built in display for easy trouble shooting and system information.

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COMPACT ROUND FLOW CASSETTE RANGE



Indoor unit



Outdoor unit



Remote control



360° Air Flow Panel



Remote Enable Port



Error Alarm Port



Twin Combination



Refrigerant Leakage Detect



Louver Position Memory



Fresh Air Inlet



Temperature Compensation



Anti-cold Air Function



Low Ambient Cooling



Emergency Use Function



Built-in Drain Pump



Wired Control



Central Control Management

INDOOR			MCA3U-12HRFN1-QRD0W	MCA3-18HRFN1-QRDO
OUTDOOR			MOB30U-12HRFN1-QRD0W	MOB30U-18HRFN1-QRDO
Nominal Cooling Capacity (min-max)		kW	3.5 (0.62-4.40)	5.3 (0.79-6.15)
Nominal Heating Capacity (min-max)		kW	4.1 (0.62-5.13)	5.6 (0.88-7.03)
UK Total Cooling Capacity		kW	4.17	5.77
Seasonal Efficiency SEER/Class		W/W	6.1/A++	6.3/A++
Seasonal Efficiency SCOP/Class		W/W	4/A+	4/A+
Power supply (Indoor)		V- Ph-Hz	220~240-1-50	220-240-1-50
Power supply (Outdoor)		V- Ph-Hz	220~240-1-50	220-240-1-50
Cooling Current (min-max)		A	4.4(1.0-7.7)	7.5(1.2-10.9)
Heating Current (min-max)		A	4.5(2.3-8.4)	6.8(1.38-11.50)
Max.Current		A	8.7	10
Recommended Fuse Size (Indoor)		A	5	5
Recommended Fuse Size (Outdoor)		A	16	20
Interconnecting Wiring		No.	4 Core 1mm ²	2 Core 1mm ² Screened
Indoor air flow (Hi/Mi/Lo)		m ³ /h	650/530/450	660/550/490
Indoor sound pressure level (Hi/Mi/Lo)		dB(A)	38/34/31	41/38/34
Indoor unit	Dimension (WxDxH) (body)	mm	570x570x260	570x570x260
	Packing (WxDxH)(body)	mm	655x655x290	655x655x290
	Dimension (WxDxH)(panel)	mm	647x647x50	647x647x50
	Packing (WxDxH)(panel)	mm	715x715x123	715x715x123
	Net/Gross weight (body)	Kg	16/19	16.5/19
	Net/Gross weight (panel)	Kg	2.5/4.5	2.5/4.5
Drainage water pipe dia.		mm	0DΦ25	0DΦ25
Outdoor air flow		m ³ /h	2000	2100
Outdoor sound pressure level		dB(A)	51	51
Outdoor unit	Dimension (WxDxH)	mm	800x333x554	800x333x554
	Packing (WxDxH)	mm	920x390x615	920x390x615
	Net/Gross weight	Kg	34.5/37.3	35.5/38.4
Refrigerant	Type		R410A	R410A
	GWP		2088	2088
	Charged quantity	Kg	1.38	1.48
	Additional Charge	g/m	30	30
Refrigerant piping	Liquid side/ Gas side	mm(inch)	Φ6.35/Φ9.52(1/4"/3/8")	Φ6.35/Φ12.7(1/4"/1/2")
	Max. pipe length	m	25	30
	Max. height difference	m	10	20
Operating temperature	Indoor (Cooling/Heating)	°C	17~32/0~30	17~32/0~31
	Outdoor (Cooling/Heating)	°C	-15~50/-15~24	-15~50/-15~25

Nominal Conditions: Cooling: indoor 27°C DB, 19°C WB, outdoor 35°C DB, 24°C WB.

Nominal Conditions: Heating: indoor 20°C DB, outdoor 7°C DB, 6°C WB.

UK Conditions: Summer: indoor 21°C DB, 15°C WB, outdoor 27°C DB.

Sound Pressure is measured 1.5m below the air-outlet at Nominal Conditions.



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