

# COMPACT ROUND FLOW CASSETTE RANGE



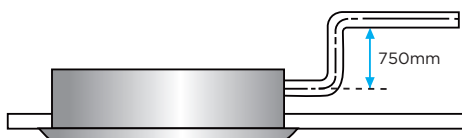
## 360° AIRFLOW OUTLET

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



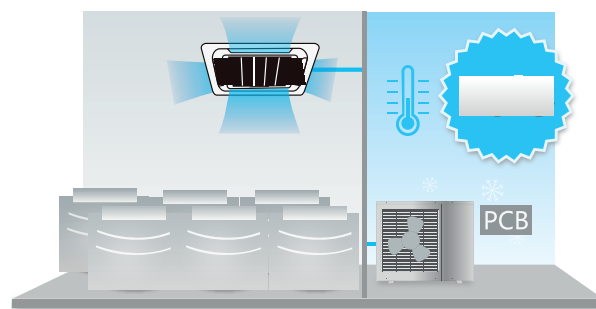
## FRESH AIR INLET

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.

# COMPACT ROUND FLOW CASSETTE RANGE



Indoor unit



Outdoor unit



Remote control



Optional WiFi 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-12FNXD0	MCA3-18FNXD0
OUTDOOR			MOU-12HFN8-QD0	MOU-18FN8-QD0
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 <sup>2</sup>	2 Core 1mm <sup>2</sup> Screened
Indoor air flow (Hi/Mi/Lo)		m <sup>3</sup> /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	ØDØ25	ØDØ25
Outdoor air flow		m <sup>3</sup> /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	35.6/38.5
Refrigerant	Type		R32	R32
	GWP		675	675
	Charged quantity	Kg	1.05	1.35
	Additional Charge	g/m	12	12
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.

\*Option for power via Outdoor also available.

\*R32 Data & Availability to be confirmed. Data above based on R410a equipment.