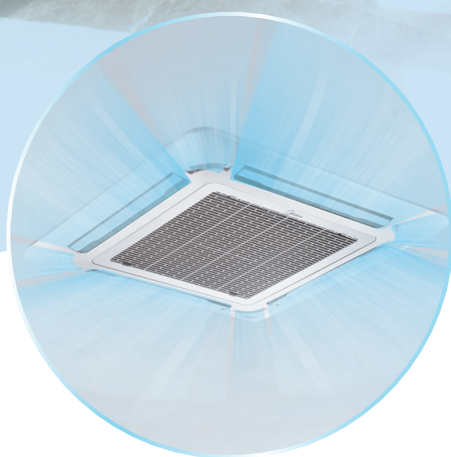


SUPER SLIM ROUND FLOW CASSETTE



Voice Control



Midea Air App



IR Remote Control



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

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 & DRAIN PUMP

Built in fresh air inlet creates a more comfortable environment. Optional motor available to increase the "fresh air effect". The built in drain pump has an access panel for easy removal /maintenance.

LED FASCIA DISPLAY

Built in display for easy trouble shooting and system information.

INDEPENDENT VANE CONTROL

The direction of each vane can be set independently via the wired controller.

SUPER SLIM DESIGN

The height of the units starts from just 245mm.

BDS Ltd

The Grainstore, Elmhurst Business Park, Lichfield WS13 8EX
Tel: +44 (0) 121 796 6451 E:mail: info@bds-energy.com

INDOOR		MCD-18FNXD0	MCD-24FNXD0	MCD-36FNXD0	MCD-48FNXD0
OUTDOOR		MOU-18FN8-QD0	MOU-24FN8-QD0	MOU-36FN8-QD0	MOU-42FN8-QD0**
Nominal Cooling Capacity (min-max)	kW	5.28(1.26-6.15)	7.03(3.22-8.21)	10.55(4.04-12.02)	12.31(2.58-12.77)
Nominal Heating Capacity (min-max)	kW	5.57(1.76-7.03)	7.62(2.43-8.65)	11.14(2.94-13.48)	13.48 (2.05-14.27)
UK Total Cooling Capacity	kW	5.8	7.78	11.39	12.13
Seasonal Efficiency SEER/Class	W/W	6.3/A++	6.1/A++	6.1/A++	6.1/A++
Seasonal Efficiency SCOP/Class	W/W	4/A+	4/A+	4/A+	4/A+
Power supply (Indoor)	V- Ph-Hz	220~240-1-50	220~240-1-50	220~240-1-50	220~240-1-50
Power supply (Outdoor)	V- Ph-Hz	220~240-1-50	220~240-1-50	220~240-1-50	220~240-1-50
Cooling Current (min-max)	A	7.1(1.2-9.3)	9.5(2.1-12.4)	16.3 (3.9~19.6)	16 (1.47~19.1)
Heating Current (min-max)	A	6.5(1.4-9.5)	8.9(2.2-12.5)	13.0 (3.2~19.4)	16.2 (1.88~18.8)
Max.Current	A	10	13.5	21.5	23
Recommended Fuse Size (Indoor)	A	5.0*	5.0*	5.0*	5.0*
Recommended Fuse Size (Outdoor)	A	16	20	32	32
Interconnecting Wiring	No.	2 Core 1mm ² Screened	2 Core 1mm ² Screened	2 Core 1mm ² Screened	2 Core 1mm ² Screened
Indoor air flow (Hi/Mi/Lo)	m ³ /h	1036/867/763	1378/1200/1032	1775/1620/1438	1715/1568/1381
Indoor sound pressure level (Hi/Mi/Lo)	dB(A)	41/37/33	41/38/35	47/45/42	49/46/43
Indoor unit	Dimension (WxDxH) (body)	mm	840x840x245	840x840x245	840x840x287
	Packing (WxDxH) (body)	mm	900x900x265	900x900x265	900x900x292
	Dimension (WxDxH) (panel)	mm	950x950x55	950x950x55	950x950x55
	Packing (WxDxH) (panel)	mm	1035x1035x90	1035x1035x90	1035x1035x90
	Net/Gross weight (body)	Kg	23/27	23/27	27.5/31
Net/Gross weight (panel)	Kg	5/8	5/8	5/8	5/8
Drainage water pipe dia.	mm	ODΦ32	ODΦ32	ODΦ32	ODΦ32
Outdoor air flow	m ³ /h	2100	2700	4000	3800
Outdoor sound pressure level	dB(A)	51	55	56	57
Outdoor unit	Dimension (WxDxH)	mm	800x333x554	845x363x702	946x410x810
	Packing (WxDxH)	mm	920x390x625	965x395x775	1090x500x875
	Net/Gross weight	Kg	35.6/38.5	49.4/52.8	66.8/73.4 81.5/87.0
Refrigerant	Type	R32	R32	R32	R32
	GWP	675	675	675	675
	Charged quantity	Kg	1.35	1.5	2.4
	Additional Charge	g/m	12	24	24
Refrigerant piping	Liquid side/ Gas side	mm(inch)	Φ6.35/12.7(1/4"/1/2")	Φ9.52/Φ15.9(3/8"/5/8")	Φ9.52/Φ15.9(3/8"/5/8")
	Max. pipe length	m	30	50	65
	Max. height difference	m	20	25	30
Operating temperature	Indoor (Cooling/ Heating)	°C	17~32/0~32	17~32/0~33	17~32/0~34
	Outdoor (Cooling/ Heating)	°C	-15~50/-15~26	-15~50/-15~27	-15~50/-15~28

INDOOR		MCD-36FNXD0	MCD-48FNXD0	MCD-55FNXD0
OUTDOOR		MOU-36FN8-RD0	MOU-48FN8-RD0	MOU-55FN8-RD0
Nominal Cooling Capacity (min-max)	kW	10.55(4.04-12.02)	14.07(4.75-16.12)	15.53(5.28-18.46)
Nominal Heating Capacity (min-max)	kW	11.14(2.95-14.14)	16.12(3.93-17.59)	18.17(4.4~19.34)
UK Total Cooling Capacity	kW	11.39	15.28	17.22
Seasonal Efficiency SEER/Class	W/W	6.1/A++	6.1/A++	6.1/A++
Seasonal Efficiency SCOP/Class	W/W	4/A+	4/A+	4/A+
Power supply (Indoor)	V- Ph-Hz	220~240-1-50	220~240-1-50	220~240-1-50
Power supply (Outdoor)	V- Ph-Hz	380~415-3-50	380~415-3-50	380~415-3-50
Cooling Current (min-max)	A	6.6 (3.9~8.2)	8.3(1.8~9.3)	9.8(1.8~11.6)
Heating Current (min-max)	A	12.9(2.8-19.8)/5.5(1.2-8.3)	8.2(1.56-8.83)	9.9(1.6~10.6)
Max.Current	A	10	11.2	14
Recommended Fuse Size (Indoor)	A	5.0*	5.0*	5.0*
Recommended Fuse Size (Outdoor)	A	16	16	16
Interconnecting Wiring	No.	2 Core 1mm ² Screened	2 Core 1mm ² Screened	2 Core 1mm ² Screened
Indoor air flow (Hi/Mi/Lo)	m ³ /h	1775/1620/1438	1715/1568/1381	1970/1737/1537
Indoor sound pressure level (Hi/Mi/Lo)	dB(A)	47/45/42	49/46/43	47/44/41
Indoor unit	Dimension (WxDxH) (body)	mm	840x840x245	840x840x287
	Packing (WxDxH) (body)	mm	900x900x265	900x900x292
	Dimension (WxDxH) (panel)	mm	950x950x55	950x950x55
	Packing (WxDxH) (panel)	mm	1035x1035x90	1035x1035x90
	Net/Gross weight (body)	Kg	27.5/31	29/32.7
Net/Gross weight (panel)	Kg	5/8	5/8	5/8
Drainage water pipe dia.	mm	ODΦ32	ODΦ32	ODΦ32
Outdoor air flow	m ³ /h	4000	7500	7500
Outdoor sound pressure level	dB(A)	56	59	56
Outdoor unit	Dimension (WxDxH)	mm	946x410x810	952x415x1333
	Packing (WxDxH)	mm	1090x500x875	1095x495x1480
	Net/Gross weight	Kg	81.5/87.0	106.7/119.9
Refrigerant	Type	R32	R32	R32
	GWP	675	675	675
	Charged quantity	Kg	2.4	2.8
	Additional Charge	g/m	24	24
Refrigerant piping	Liquid side/ Gas side	mm(inch)	Φ9.52/Φ15.9(3/8"/5/8")	Φ9.52/Φ15.9(3/8"/5/8")
	Max. pipe length	m	65	65
	Max. height difference	m	30	30
Operating temperature	Indoor (Cooling/ Heating)	°C	17~32/0~34	17~32/0~35
	Outdoor (Cooling/ Heating)	°C	-15~50/-15~28	-15~50/-15~29

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.
**New model available April 2020