



## SUPER SLIM ROUND FLOW CASSETTE

The Midea Super Slim Round Flow Cassette range is only 245mm in height, an improvement over the 260mm heights of the compact model. The range features a 360° air outlet which provides even airflow circulation to every corner of a room. The built-in LED display allows for easy troubleshooting.

### 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.

### TWIN COMBINATIONS

Outdoor unit sizes 36,42,48 & 55 can be installed with two indoor units for increased flexibility.

### REMOTE SIGNAL

Built-in ports for on/off control and fault indication.



Indoor unit



Outdoor unit



Outdoor unit



IR Remote control



Remote control



Optional WiFi Control



360° Air Flow Panel



Remote Enable Port



Error Alarm Port



Twin Combination



Refrigerant Leakage Detect



Louvre 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



Voice Control



Midea Air App



## SUPER SLIM ROUND FLOW CASSETTE

INDOOR			MCD-24FNXD0	MCD-36FNXD0	MCD-48FNXD0
OUTDOOR			MOU-24FN8-QD0	MOU-36FN8-QD0	MOU-42FN8-QD0
Nominal Cooling Capacity (min-max)	kW		7.03(3.22-8.21)	10.55(4.04-12.02)	12.31(2.58-13.7)
Nominal Heating Capacity (min-max)	kW		7.62(2.43-8.65)	11.14(2.94-13.48)	13.48(2.05-14.27)
UK Total Cooling Capacity	kW		7.78	11.39	12.13
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		220-240-1-50	220-240-1-50	220-240-1-50
Cooling Current (min-max)	A		5(2.1-12.4)	16.3(3.9-19.6)	16(1.47-19.1)
Heating Current (min-max)	A		8.9(2.2-12.5)	13.0(3.2-19.4)	16.2(1.88-18.8)
Max.Current	A		13.5	21.5	23
Recommended Fuse Size (Indoor )	A		5* (or via outdoor)	5* (or via outdoor)	5* (or via outdoor)
Recommended Fuse Size (Outdoor)	A		20	32	32
Interconnecting Wiring	No.		2 Core 1mm <sup>2</sup> Screened	2 Core 1mm <sup>2</sup> Screened	2 Core 1mm <sup>2</sup> Screened
Indoor Air Flow (High to Low)	m <sup>3</sup> /h		1378/1200/1032	1775/1620/1438	1715/1568/1381
Indoor Sound Pressure Level (High to Low)	dB(A)		41/38/35	47/45/42	49/46/43
Indoor unit	Dimensions (WxDxH) (body)	mm	840x840x245	840x840x245	840x840x287
	Packing (WxDxH) (body)	mm	900x900x265	900x900x265	900x900x292
	Dimensions (WxDxH) (panel)	mm	950x950x55	950x950x55	950x950x55
	Packing (WxDxH) (panel)	mm	1035x1035x90	1035x1035x90	1035x1035x90
	Net/Gross Weight (body)	Kg	23/27	27.5/31	29/32.7
	Net/Gross Weight (panel)	Kg	5/8	5/8	5/8
Drainage water pipe dia.	mm		ODØ32	ODØ32	ODØ32
Outdoor air flow	m <sup>3</sup> /h		2700	4000	3800
Outdoor Sound Pressure Level	dB(A)		55	56	57
Outdoor unit	Dimensions (WxDxH)	mm	845x363x702	946x410x810	946x410x810
	Packing (WxDxH)	mm	965x395x775	1090x500x875	1090x500x885
	Net/Gross Weight	Kg	49.4/52.8	66.8/73.4   81.5/87.0	73.9/78.9
Refrigerant	Type		R32	R32	R32
	GWP		675	675	675
	Charged quantity	Kg	1.5	2.4	2.4
	Additional Charge	g/m	24	24	24
Refrigerant piping	Liquid side/ Gas side	mm(inch)	Ø9.52/Ø15.9(3/8"/5/8")	Ø9.52/Ø15.9(3/8"/5/8")	Ø9.52/Ø15.9(3/8"/5/8")
	Max. pipe length	m	50	65	65
	Max. height difference	m	25	30	30
Operating temperature	Indoor (Cooling/ Heating)	°C	17-32/0-33	17-32/0-34	17-32/0-34
	Outdoor (Cooling/ Heating)	°C	-15-50/-15-27	-15-50/-15-28	-15-50/-15-28

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.

\*Option for power via Outdoor also available.

SEE QUICK REFERENCE GUIDE FOR REFRIGERANT CONTRIBUTIONS

## SUPER SLIM ROUND FLOW CASSETTE

INDOOR			MCD-36FNXDO	MCD-48FNXDO	MCD-55FNXDO
OUTDOOR			MOU-36FN8-RDO	MOU-48FN8-RDO	MOU-55FN8-RDO
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* (or via outdoor)	5* (or via outdoor)	5* (or via outdoor)
Recommended Fuse Size (Outdoor)	A		16	16	16
Interconnecting Wiring	No.		2 Core 1mm <sup>2</sup> Screened	2 Core 1mm <sup>2</sup> Screened	2 Core 1mm <sup>2</sup> Screened
Indoor Air Flow (High to Low)	m <sup>3</sup> /h		1775/1620/1438	1715/1568/1381	1970/1737/1537
Indoor Sound Pressure Level (High to Low)	dB(A)		47/45/42	49/46/43	47/44/41
Indoor unit	Dimensions (WxDxH) (body)	mm	840x840x245	840x840x287	840x840x287
	Packing (WxDxH) (body)	mm	900x900x265	900x900x292	900x900x292
	Dimensions (WxDxH) (panel)	mm	950x950x55	950x950x55	950x950x55
	Packing (WxDxH) (panel)	mm	1035x1035x90	1035x1035x90	1035x1035x90
	Net/Gross Weight (body)	Kg	27.5/31	29.7/32.7	29.7/33.4
	Net/Gross Weight (panel)	Kg	5/8	5/8	5/8
Drainage water pipe dia.	mm		ODØ32	ODØ32	ODØ32
Outdoor air flow	m <sup>3</sup> /h		4000	7500	7500
Outdoor sound pressure level	dB(A)		56	59	59
Outdoor unit	Dimensions (WxDxH)	mm	946x410x810	952x415x1333	952x415x1333
	Packing (WxDxH)	mm	1090x500x875	1095x495x1480	1095x495x1480
	Net/Gross Weight	Kg	81.5/87.0	106.7/119.9	111.3/124.3
Refrigerant	Type		R32	R32	R32
	GWP		675	675	675
	Charged quantity	Kg	2.4	2.8	2.95
	Additional Charge	g/m	24	24	24
Refrigerant piping	Liquid side/ Gas side	mm(inch)	Ø9.52/Ø15.9(3/8"/5/8")	Ø9.52/Ø15.9(3/8"/5/8")	Ø9.52/Ø15.9(3/8"/5/8")
	Max. pipe length	m	65	65	65
	Max. height difference	m	30	30	30
Operating temperature	Indoor (Cooling/ Heating)	°C	17-32/0-34	17-32/0-35	17-32/0-36
	Outdoor (Cooling/ Heating)	°C	-15-50/-15-28	-15-50/-15-29	-15-50/-15-30

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.

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