



**SUPER SLIM
ROUND FLOW CASSETTE**



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

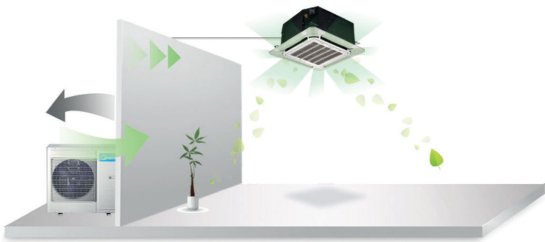
Built-in display for easy trouble shooting and system information.

SUPER SLIM DESIGN

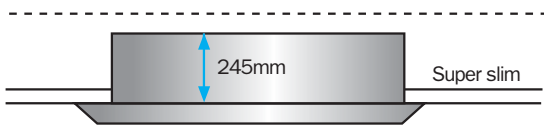
The height of the units starts from just 245mm.

REMOTE SIGNAL

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



360° Airflow outlet



Super slim design

- 
 Optional WiFi Control
- 
 360° Air Flow Panel
- 
 Remote Enable Port
- 
 Error Alarm Port
- 
 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



Indoor unit



Outdoor unit



IR Remote control



Wired Control



Midea Air App



SUPER SLIM ROUND FLOW CASSETTE

Indoor Model			MCDI-24HRFNX-QRDOW(GA)	MCDI-30HRFNX-QRDOW(GA)	MCDI-36HRFN8-QRDOW(GA)	MCDI-36HRFN8-QRDOW(GA)
Outdoor Model			MOX430U-24HFN8-QRDOW(GA)	MOD30U-30HFN8-QRDOW(GA)	MOD30U-36HFN8-QRDOW(GA)	MOD30U-36HFN8-RRDOW(GA)
Cooling	Capacity	Btu/h	24000 (11263-27000)	30000 (7600-32000)	36000 (9200-39000)	36000 (9200-39000)
	Capacity	kW	7.03 (3.30-7.91)	8.79 (2.23-9.38)	10.55 (2.70-11.43)	10.55 (2.70-11.43)
	SEER	W/W	6,2	6,6	6,7	6,3
	Energy Efficiency Class		A++	A++	A++	A++
	Input	W	2320 (780-2748)	2750 (190-3000)	3950 (900-4200)	4000 (890-4150)
	Current	A	10.2 (4.2-12)	12.0 (2.0-13.0)	17.5 (4.2-18.5)	6.5 (1.4-6.5)
Heating	Capacity	Btu/h	26000 (9577-30500)	32000 (9200-33200)	38000 (9500-42000)	38000 (9500-43200)
	Capacity	kW	7.62 (2.81-8.94)	9.38 (2.70-9.73)	11.14 (2.78-12.30)	11.14 (2.78-12.66)
	SCOP	W/W	4,0	4,2	4,0	3,9
	Energy Efficiency Class		A+	A+	A+	A
	Input	W	1900 (610-2700)	2450 (430-2550)	3000 (800-3950)	3000 (780-4000)
	Current	A	8.5 (3.6-12.1)	11.0 (3.0-11.5)	13.5 (3.5-17.5)	5.0 (1.3-6.4)
Power supply (Indoor)		V,Hz,Ph	220-240V,1Ph, 50Hz	220-240V,1Ph, 50Hz	220-240V,1Ph, 50Hz	220-240V,1Ph, 50Hz
Power supply (Outdoor)		V,Hz,Ph	220-240V,1Ph, 50Hz	220-240V,1Ph, 50Hz	220-240V,1Ph, 50Hz	380-415V,3Ph, 50Hz
Max. input consumption		W	3700	4500	5000	5000
Max. current		A	19	20	22.5	10
Indoor air flow (Hi/Mi/Lo)		m³/h	1300/1140/1000	1720/1550/1400	1700/1550/1380	1800/1600/1400
Outdoor air flow		m³/h	3500	3800	4000	4000
Indoor sound pressure level (Hi)		dB(A)	45.5/42.5/39.5/27	49.5/47/44/38.5	50/47.5/44.5/39	50/47.5/44.5/39
Indoor sound power level (Hi)		dB(A)	59	63	64	64
Indoor sound pressure level		dB(A)	42/40/37/27	50/46.5/45/40.5	49.5/48/46/42	49.5/48/46/42.5
Outdoor sound power level (Hi)		dB(A)	69	70	70	70
Indoor unit (body)	Dimension (W x Dx H)	mm	830x830x205	830x830x245	830x830x245	830x830x245
	Packing (W x Dx H)	mm	910x910x250	910x910x290	910x910x290	910x910x290
	Net/Gross weight	kg	21.6/25.4	24.6/28.6	27.2/31.2	27.2/31.2
Panel	Dimension (W x Dx H)	mm	950x950x55	950x950x55	950x950x55	950x950x55
	Packing (W x Dx H)	mm	1035x1035x90	1035x1035x90	1035x1035x90	1035x1035x90
	Net/Gross weight	kg	6/9	6/9	6/9	6/9
Outdoor unit	Dimension (WxDxH)	mm	890x342x673	946x410x810	946x410x810	946x410x810
	Packing(WxDxH)	mm	995x398x740	1090x500x885	1090x500x885	1090x500x885
	Net/Gross weight	kg	43.9/46.9	52.8/57.3	66.9/71.5	80.5/85
Refrigerant	Type		R32	R32	R32	R32
	Charged quantity	kg	1.5	2	2.4	2.4
Refrigerant piping	Liquid side/ Gas side	mm	9.52mm(3/8in)/15.9mm(5/8in)	9.52mm(3/8in)/15.9mm(5/8in)	9.52mm(3/8in)/15.9mm(5/8in)	9.52mm(3/8in)/15.9mm(5/8in)
	Max. refrigerant pipe length	m	50	50	75	75
	Max. difference in level	m	25	25	30	30
Drainage water pipe dia.		mm	ODΦ25mm	ODΦ25mm	ODΦ25mm	ODΦ25mm
Operation temperature		°C	16-30	16-30	16-30	16-30
Room temperature	Cooling	°C	17-32	17-32	16-32	16-32
	Heating	°C	0-30	0-30	0-30	0-30
Ambient temperature	Cooling	°C	-15-50	-15-50	-15-50	-15-50
	Heating	°C	-15-24	-15-24	-15-24	-15-24
Controller		Standard	Remote Control	Remote Control	Remote Control	Remote Control

SUPER SLIM ROUND FLOW CASSETTE

Indoor Model		MCD1-42HRFNX-QRDOW(GA)	MCD1-48HRFNX-QRDOW(GA)	MCD1-55HRFNX-QRDOW(GA)	
Outdoor Model		MOD30U-42HFN8-QRDOW(GA)	MOE30U-48HFN8-RRDOW(GA)	MOE30U-55HFN8-RRDOW(GA)	
Cooling	Capacity	Btu/h	41000 (10000-42000)	48000 (12000-54000)	53000 (14000-57000)
	Capacity	kW	12.02(2.93-12.31)	14.07(3.52-15.83)	15.24 (4.10-16.71)
	SEER	W/W	6.1	6.1	6.3
	Energy Efficiency Class		A++	A++	A++
	Input	W	4200 (680-4350)	4650 (800-5900)	5000 (980-6200)
	Current	A	18.8 (3.1-19.1)	8.1 (1.8-10.2)	8.6 (2.1-10.7)
Heating	Capacity	Btu/h	46000 (11500-48000)	55000 (14000-59000)	62000 (15000-68000)
	Capacity	kW	13.48(3.37-14.07)	16.12(4.10-17.29)	18.17 (4.40-19.93)
	SCOP	W/W	4.0	4.0	4.0
	Energy Efficiency Class		A+	A+	A+
	Input	W	3700 (750-4250)	4580 (900-5500)	5550 (1020-6700)
	Current	A	16.3 (3.4-19)	8.0 (1.9-9.5)	9.6 (2.1-10.7)
Power supply (Indoor)	V,Hz,Ph	220-240V,1Ph, 50Hz	220-240V,1Ph, 50Hz	220-240V,1Ph, 50Hz	
Power supply (Outdoor)	V,Hz,Ph	220-240V,1Ph, 50Hz	380-415V,3Ph, 50Hz	380-415V,3Ph, 50Hz	
Max. input consumption	W	5000	6900	7500	
Max. current	A	22.5	13	14	
Indoor air flow (Hi/Mi/Lo)	m³/h	1900/1750/1600	1970/1780/1580	2000/1850/1650	
Outdoor air flow	m³/h	4000	7500	7500	
Indoor sound pressure level (Hi)	dB(A)	51/48.5/46/38	51/48.5/46.5/37.5	53/50.5/48/40	
Indoor sound power level (Hi)	dB(A)	66	66	66	
Indoor sound pressure level	dB(A)	51.5/49/48/43	50/49/47/42	52.5/49/47	
Outdoor sound power level (Hi)	dB(A)	72	74	75	
Indoor unit (body)	Dimension (W x Dx H)	mm	830x830x287	830x830x287	830x830x287
	Packing (W x Dx H)	mm	910x910x330	910x910x330	910x910x330
	Net/Gross weight	kg	29.3/33.5	29.3/33.5	29.3/33.5
Panel	Dimension (W x Dx H)	mm	950x950x55	950x950x55	950x950x55
	Packing (W x Dx H)	mm	1035x1035x90	1035x1035x90	1035x1035x90
	Net/Gross weight	kg	6/9	6/9	6/9
Outdoor unit	Dimension (WxDxH)	mm	946x410x810	952x415x1333	952x415x1333
	Packing(WxDxH)	mm	1090x500x885	1095x495x1480	1095x495x1480
	Net/Gross weight	kg	71.0/75.0	103.7/118.3	107.0/121.2
Refrigerant	Type		R32	R32	R32
	Charged quantity	kg	2.8	2.9	3.0
Refrigerant piping	Liquid side/ Gas side	mm	9.52mm(3/8in)/15.9mm(5/8in)	9.52mm(3/8in)/15.9mm(5/8in)	9.52mm(3/8in)/15.9mm(5/8in)
	Max. refrigerant pipe length	m	75	75	75
	Max. difference in level	m	30	30	30
Drainage water pipe dia.	mm	ODΦ25mm	ODΦ25mm	ODΦ25mm	
Operation temperature	°C	16-30	16-30	16-30	
Room temperature	Cooling	°C	16-32	16-32	17-32
	Heating	°C	0-30	0-30	0-30
Ambient temperature	Cooling	°C	-15-50	-15-50	-15-50
	Heating	°C	-15-24	-15-24	-15-24
Controller	Standard	Remote Control	Remote Control	Remote Control	

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.

SEE QUICK REFERENCE GUIDE FOR REFRIGERANT CONTRIBUTIONS