

## PD Portable

MPPD-12HRN1-QB6



## DF Dehumidifier

MDDF-09DEN3-PA6



### Heat Pump Function

Heating pump system is an excellent alternative for the traditional electrical heating system, as the former can provide more heating capacity and is more efficient.

Moreover, thanks to the air circulating faster throughout the room, this heating system guarantees comfort hot air much faster.



### Power Management

When room temperature reaches setting temperature, power management control system will get unit running into low input standby mode, which cuts 95% power off.



Model Number	MPPD-12HRN1-QB6
<b>Performance</b>	
Power Supply	Ph-V-Hz 1Ph, 220-240V~, 50Hz
Cooling/Heating Capacity	kW 3.5/2.9
EER/COP	W/W 2.6/2.6
Moisture Removal	L/h 1.2
Air Flow (Hi/Mi/Lo)	m³/h 370/320/280
Noise Level	Hi/Mi/Low dB(A) 52/48/45
<b>Dimension &amp; Weight</b>	
Net Dimension	WxDxH mm 466x397x765
Packing Dimension	WxDxH mm 515x443x880
Net/Gross Weight	kg 34/37.5
Control Type	Remote Control

### Turbo

With this function, Midea dehumidifier will maximize air flow, make the room being dehumidified rapidly.



### Timer

The timer can be set to start and stop at any point in a 24-hour period.



### Quiet Design

Indoor fan will run at super breeze speed and indoor noise level can be extremely low when the unit enters silent mode operation.



Model Number	MDDF-09DEN3-PA6
<b>Performance</b>	
Power Supply	Ph-V-Hz 1Ph, 220-240V~, 50Hz
Moisture Removal	30°C, RH80% L/Day 16
Air Flow Volume	m³/h 150
Noise Level	Hi /Low db(A) 47/44.5
Applicable Area	m² 29 - 44
Water Tank Volume	L 3
<b>Dimension &amp; Weight &amp; Piping Size</b>	
Net Dimension	WxDxH mm 350x245x510
Packing Dimension	WxDxH mm 390x308x527
Net/Gross Weight	kg 15.1/16.2
Control Type	Electronic Control

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#### Standard Features



#### Optional Features



# LEADING TECHNOLOGY

## Aurora Split



### ECO Mode

Midea new energy-saving AC applies innovative ECO Mode, by optimizing frequency control system, it provides you the same comfort with minimum power consumption in 8 hours running time.



### M-Smart Solution

Units equipped with M-Smart allow you to control all AC functions through voice or mobile apps. M-Smart not only provides a healthy air-care solution, but also makes your unit easier to use.



### New Refrigerant R32

Midea residential air conditioners accord with international standards for environmental safety and energy efficiency with CE, CB, SAA, and CNEX certification.

Environmental Friendly  
ODP=0, NO harm to the Ozone Layer.  
Low GWP and less charge make less greenhouse effect.



Energy Saving  
Test result shows the energy efficiency of R32 system is up to 2%-9% higher than that R410A system.

### Mute Operation

Want to turn off the AC beep and display?  
By pressing mute operation, Midea AC help to give you a quiet and comfortable night.



## Aurora Split Specification

Indoor Model No.		MFAB26NB	MFAB35NB	MFAB50NB	MFAB70NB	
Outdoor Model No.		MFAB26WB	MFAB35WB	MFAB50WB	MFAB70WB	
Power supply		220-240V,1Ph,50Hz	220-240V,1Ph,50Hz	220-240V,1Ph,50Hz	220-240V,1Ph,50Hz	
Cooling	Capacity	kW	2.50	3.50	5.00	7.10
	Min	kW	1.00	1.50	2.10	2.95
	Max	kW	3.50	4.90	7.20	8.50
	Input	W	523	818	1240	2020
	Rated current	A	2.33	3.6	5.5	9.00
	EER	WW	4.78	4.28	4.0	3.5
	standby power	W	1.0	1.0	1.0	1.0
	AEER	WW	4.75	4.25	4.00	3.50
	seasonal star (Mixed zone)		4.5	4.5	3.5	3.5
	STAR (MEPS)		5.0	4.0	3.5	2.5
Heating	Capacity	kW	3.2	4.0	6.00	8.00
	Min	kW	1.40	1.80	2.50	3.50
	Max	kW	4.00	5.10	7.80	9.50
	Input	W	670	935	1490	2270
	Rated current	A	2.97	4.1	6.6	10
	COP	WW	4.78	4.28	4.0	4
	standby power	W	1.0	1.0	1.0	1.0
	ACOP	WW	4.75	4.25	4	3.5
	seasonal star (Mixed zone)		2.5	3.5	2.5	2.0
	STAR (MEPS)		5.0	4.0	3.5	2.5
Max. current	A	9.5	10.5	15.5	17.5	
Connection wiring	mm2	1.0x4	1.0x4	1.5x4	1.5x4	
Max. input consumption	W	2200	2450	3600	4050	
Compressor	Model		KSK103D33UEZ3	KSK103D33UEZ3	KSN140D21UFZ	KTM240D57UMT
	Type		ROTARY	ROTARY	ROTARY	ROTARY
	Brand		GMCC	GMCC	GMCC	GMCC
	Capacity	W	2035/3255	2035/3255	4385	7740
	Input	W	325/826	325/826	1140	2085
	Rated current(RLA)	A	2.40/5.65	2.40/5.65	7.50	9
	Capacitor	µF	/	/	/	/
	Refrigerant oil/oil charge	ml	VG74 310	VG74 310	VG74 440	VG74 670
Indoor fan motor	Model		ZKFP-20-8-6-7	ZKFP-20-8-6-7	ZKFP-58-8-1-5	ZKFP-58-8-1-5
	Input	W	50.0	50.0	58.0	58
	Capacitor	µF	/	/	/	/
Indoor coil	Speed(Hi/Mi/Lo)	r/min	1100/1000/800	1100/1000/800	1150/1050/950	1200/1100/1000
	a.Number of rows		2.0	2	2.0	2.0
	b.Tube pitch(a)x row pitch(b)	mm	21x13.37	21x13.37	21x13.37	21x13.37
	c.Fin spacing	mm	1.3	1.3	1.3	1.3
	d.Fin type (code)		Hydrophilic aluminum	Hydrophilic aluminum	Hydrophilic aluminum	Hydrophilic aluminum
	e.Tube outside dia.and type	mm	Φ7,Inner groove tube	Φ7,Inner groove tube	Φ7,Inner groove tube	Φ7,Inner groove tube
	f.Coil length x height x width	mm	605x210x26.74+605x84x26.74	605x210x26.74+605x84x26.74	820x210x26.74+820x126x26.74	820x210x26.74+820x126x26.74
	g.Number of circuits		2	3	4	4
Indoor air flow (Turbo/Hi/Mi/Lo/Silence)	m3/h	700/550/480/350//	700/550/480/350//	1322/1091/975/868/0	0/1165/1053/933/0	
Indoor noise level Turbo/(Hi/Mi/Lo/Silence)	dB(A)	36.5/33.5/27/22.5	37/33/25.5/22	48/46/42.5/32	48.5/45.5/42.5/34.5	
Indoor unit	Dimension(W*D*H)	mm	802x189x297	802x189x297	1080x226x335	1080x226x335
	Packing (W*D*H)	mm	875x285x380	875x285x380	1155x415x320	1155x415x320
	Net/Gross weight	Kg	8.5/10.9	8.6/11.1	13.5/17.1	13.7/17.3
Outdoor fan motor	Model		ZKFN-34-10-1	ZKFN-34-10-1	ZKFN-80-8-3	ZKFN-80-8-3
	output	W	34.0	34.0	80.0	80.0
	Capacitor	µF	/	/	/	/
	Speed	r/min	800/600	800/600	800/550	800/550
Outdoor coil	a.Number of rows		2.0	2.0	1.6	2
	b.Tube pitch(a)x row pitch(b)	mm	21x13.37	21x22	21x13.37	21x13.37
	c.Fin spacing	mm	1.4	1.2	1.3	1.3
	d.Fin type (code)		Hydrophilic aluminum	Hydrophilic aluminum	Hydrophilic aluminum	Hydrophilic aluminum
	e.Tube outside dia.and type	mm	Φ7,Inner groove tube	Φ7,Inner groove tube	Φ7,Inner groove tube	Φ7,Inner groove tube
	f.Coil length x height x width	mm	755*504*13.37+735*504*13.37	745*504*22+710*504*22	910*40.11*609	910*40.11*609
	g.Number of circuits		2	4	5	5
	Outdoor air flow	m3/h	2200	2200	3500	3500
Outdoor sound pressure level	dB(A)	54	55	58.5	61	
Outdoor unit	Dimension(W*D*H)	mm	765x303x555	765x303x555	890x342x673	890x342x673
	Packing (W*D*H)	mm	887x337x610	887x337x610	995x398x740	995x398x740
	Net/Gross weight	Kg	26.9/29.3	28.1/30.5	37.9/41	43.3/46
Refrigerant type(Units pre-charged for 5m pipe run)	Kg	R32/0.8	R32/0.85	R32/1.2	R32/1.3	
Additional Pre-Charge	g/m	12	12	12	24	
Design pressure	MPa	4.3/1.7	4.3/1.7	4.3/1.7	4.3/1.7	
Refrigerant piping	Liquid side/ Gas side	mm(inch)	6.35mm(1/4in)/9.52mm(3/8in)	6.35mm(1/4in)/12.7mm(1/2in)	6.35mm(1/4in)/12.7mm(1/2in)	9.52mm(3/8in)/15.9mm(5/8in)
	Max. refrigerant pipe length	m	25	25	30	50
	Min. refrigerant pipe length	m	3	3	3	3
	Max. difference in level	m	10	10	20	25
Thermostat type		(Remote Control)	(Remote Control)	(Remote Control)	(Remote Control)	
Room temperature	Indoor(cooling/ heating)	°C	17~32/0~30	17~32/0~30	17~32/0~30	17~32/0~30
	Outdoor(cooling/heating)	°C	0~50/-15~30	0~50/-15~30	0~50/-15~30	0~50/-15~30
Application area (Cooling Standard)	m2	11~17	16~23	23~33	32~47	
Qty/per 20' /40' /40'HQ		98/208/250	98/208/250	64/134/156	64/134/156	