

High-Efficiency Rooftop Package Units



UNIT NUMBERING:

M R B - 24 C W N1 - M 13

M	Midea
R	R: Rooftop Package
B	Product Design Series – A: 1st Design, B: 2nd Design, C: 3rd Design, D: 4th Design
24	Cooling Capacity (x1000Btu/h)
C	Function Mode – C: Cooling Only, H: Heat Pump
W	Controller – W: Wired Controller
N1	Refrigerant – N1: R410A
M	Power Supply – M: 208/230V, 60Hz 1PH, X: 208/230V, 60Hz, 3PH
13	SEER Rating – 13, 14 or 16

Features

- Wide-capacity range in both cooling-only and heat pump models.
- High-efficiency 13 and 14 SEER ratings.
- Architecturally compatible, anti-rust steel cabinets. 1,000-hour salt spray tested.
- Removable bottom for side- or bottom-return applications.
- High-efficiency compressors operate smoothly, quietly, consistently.
- Internal safeguards protect compressor against high pressure, low pressure, coil temperature and power surge.(heat pump only)
- Reliable thermostatic operation, with either Midea or many other brand-name controls.
- G90 galvanized heavy gauge plate conforms to ASTM A 653.
- All coils tested to 450 psig.
- Auxiliary electric heaters (5kW, 7.5kW, 10kW, 15kW, 20kW, 25kW) with optional adapters and thermostats.
- ARI Certified and ETL Listed.

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Three Phase (3Ph) 14 Seer Rooftop Package - Specifications

MODEL			MRB-36CWN1-X14	MRB-36HWN1-X14B	MRB-48CWN1-X14	MRB-48HWN1-X14	MRB-60CWN1-X14	MRB-60HWN1-X14
Power supply			V-Ph-Hz	208/230-3Ph-60Hz	208/230-3Ph-60Hz	208/230-3Ph-60Hz	208/230-3Ph-60Hz	208/230-3Ph-60Hz
Cooling	Capacity	Btu/h	36000	35000	48000	47800	59000	59000
	SEER		14	14	14	14	14	14
Heating	Capacity	Btu/h	N/A	36000	N/A	48000	N/A	59000
	HSPF		N/A	8	N/A	8	N/A	8
MCA			AMPS	16.6	16.6	22.5	22.5	25.7
MOP			AMPS	25	25	35	35	40
Compressor	Model		ZP31K5E-TF5-130	ZP31K5E-TF5-130	ZP42K5E-TF5-130	ZP42K5E-TF5-130	ZP51K5E-TF5-130	ZP51K5E-TF5-130
	Type		Scroll	Scroll	Scroll	Scroll	Scroll	Scroll
	Supplier		Copeland	Copeland	Copeland	Copeland	Copeland	Copeland
	Rated current(RLA)	AMPS	10.4	10.4	13.7	13.7	16	16
	Locked rotor Amp (LRA)	AMPS	73	73	83.1	83.1	110	110
	Model		YDK270-6E	YDK270-6E	YDK400-6E	YDK400-6E	WZDK735-38G	WZDK735-38G
Indoor fan motor	Type		ODP	ODP	ODP	ODP	ODP	ODP
	Motor HP		1/2	1/2	3/4	3/4	1	1
	Capacitor	uF	10	10	20	20	20	20
	RPM	r/min	1075	1075	1075	1075	1075	1075
	Side supply /Side return duct dimensions (WxD)	inch	14-1/2x14-1/2	14-1/2x14-1/2	14-1/2x14-1/2	14-1/2x14-1/2	14-1/2x14-1/2	14-1/2x14-1/2
	Bottom supply /Bottom return duct dimensions (WxD)	inch	15x15	15x15	15x15	15x15	15x15	15x15
Outdoor fan motor	Model		YDK110-8G-1	YDK110-8G-1	YDK230-6G-1	YDK230-6G-1	YDK230-6G-1	YDK230-6G-1
	Type		PSC	PSC	PSC	PSC	PSC	PSC
	Output	HP	1/6	1/6	1/3	1/3	1/3	1/3
	Capacitor	uF	6	6	15	15	15	15
	RPM		825	825	1075	1075	1075	1075
	Outdoor sound level (sound pressure level)	dB(A)	61	59	62	62	63	65
Outdoor unit	Dimension (WxHxD)	mm	1920x714x1068	1920x714x1068	1920x840x1068	1920x840x1068	1920x840x1068	1920x840x1068
	Packing (WxHxD)	inch	75-5/8x28-1/8x42	75-5/8x28-1/8x42	75-5/8x33x42	75-5/8x33x42	75-5/8x33x42	75-5/8x33x42
	Net/Gross weight	Lbs	432/441	441/450	496/505	505/514	507/516	516/525
Shipping(40HQ)			36	36	36	36	36	36

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GD Midea Refrigeration Equipment Co., Ltd.
Have received ISO 9001 certification for quality assurance.

Certificate Registration NO.01 100 019209



GD Midea Refrigeration Equipment Co., Ltd.
Have received environmental management system Standard ISO 14001 certification.

Certificate NO.CC 1417

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