Packaged Rooftop -BaseFit Series

Gas Package7.5 to 12.5 Tons ,
575V, 60Hz



Midea Building Technologies Division

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Quality Assurance ISO 9001

Environmental Management ISO 14001

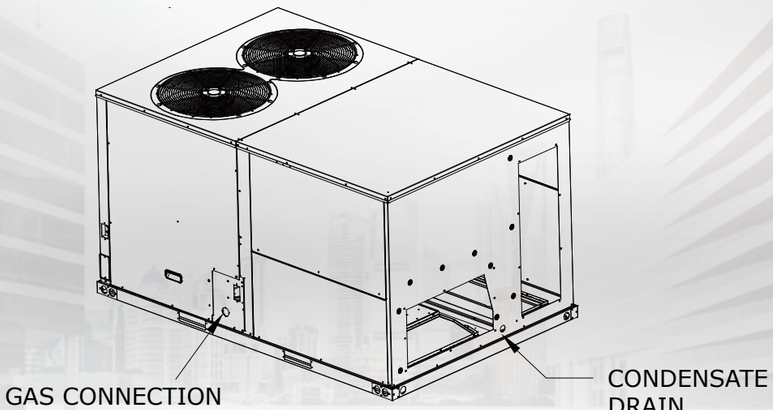
Occupational Health and Safety Management ISO 45001

Features

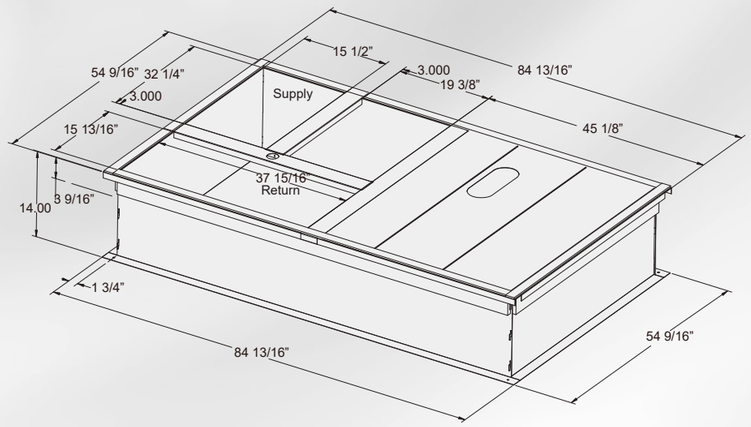
1. Cooling system can realize 100%/75%/50%/25% four speed adjustment, saving energy.
2. Adopt all DC outdoor fan motor design, can realize 10 speed adjustment, improve system reliability, especially in the low ambient.
3. Ambient temp range 0~125°F , super low cooling(ambient temp 0°F) can be customized.
4. Eco-friendly R454B refrigerant with low GWP value.
5. 5 years warranty for microchannel heat exchanger.
6. Can directly replace competitor's same type rooftop package unit.
7. Indoor & outdoor top cover plate can realize individual remove, and fixed indoor side is more convenient for maintenance.
8. Bottom plate easy to remove, more convenient, no need to do lifting.
9. Bottom air discharge convert to side discharge more flexible, no need forklift.
10. Gas pipe maintenance is more flexible, can directly move out follow the guide rail.
11. All series adopt 4pcs 20*20*2 filter, more convenience.

Overview

Gas/electricunits—overview

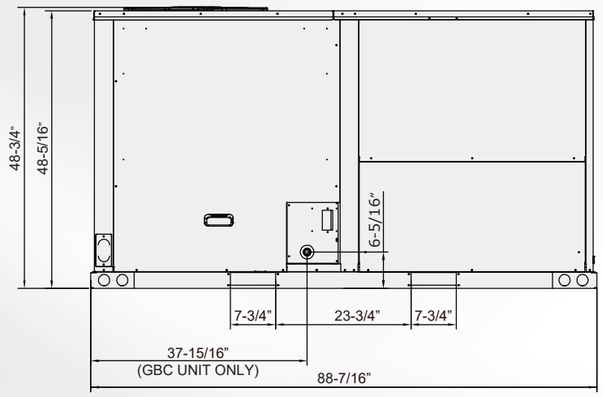


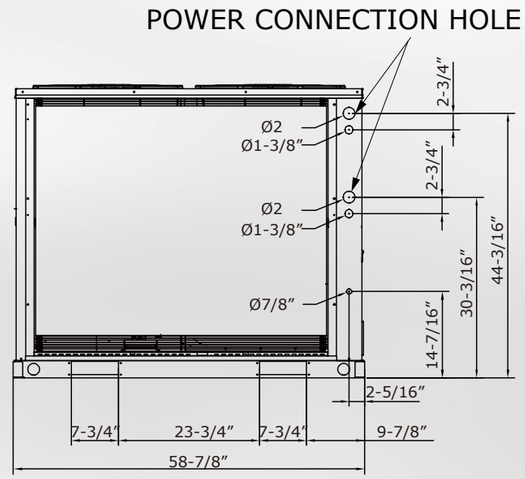
Roof curb (in inches)



Note: The roof curb is not supplied by Midea.

Front and side views (in inches)





Specifications

Nominal ton		(Ton)	7.5	8.5	10	12.5
Power Supply		\	575V～60HZ,3Ph			
Cooling Capicity		KBtu/h	90	104	114	140
		kW	26.4	30.5	33.4	41.0
Power Input		kW	7.41	9.29	10.18	12.73
EER		Btu/h/W	11.6	11.2	11.2	11
Max. input consumption		W	8,700	11,500	13,300	16,100
Max. current		A	11	14	16	19
Indoor fan air flow		CFM	3,000	3,500	3,600	4,000
ESP		in.wg/Pa	0-250	0-250	0-250	0-250
Outdoor Sound Rating(BELS)			8.4	8.4	8.4	8.9
Compressor	Type		Scroll	Scroll	Scroll	Scroll
	Quantity		2	2	2	2
Indoor coil			Microchannel			
Outdoor coil			Microchannel			
Indoor fan	Type		Centrifugal	Centrifugal	Centrifugal	Centrifugal
	Drive type		Belt	Belt	Belt	Belt
	Quantity		1	1	1	1
Outdoor fan	Type		Propeller	Propeller	Propeller	Propeller
	Drive type		Direct	Direct	Direct	Direct
	Quantity		2	2	2	2
Refrigerante Type			R454B			
Refrigerante Volume	Circule A/B	lbs	3.75/3.09	4.30/3.86	5.07/4.41	6.83/5.51
		kg	1.7/1.4	2.0/1.8	2.3/2.0	3.1/2.5
Filters	Type Furnished		Throwaway	Throwaway	Throwaway	Throwaway
	Number Size Recommended		（4）20*20*2	（4）20*20*2	（4）20*20*2	（4）20*20*2
Operation Ambient Temperature		°F	0-125	0-125	0-125	0-125
		°C	-17.8 - 52	-17.8 - 52	-17.8 - 52	-17.8 - 52
Net Dimensions (W×H×D)		inch	88.6 × 48.8 × 59.1			
		mm	2,250 × 1,240 × 1,500			
Packing Dimensions (W×H×D)		inch	89.4 × 50.2 × 59.6			
		mm	2,270 × 1,275 × 1,520			
Loading Quantity per 20GP/40GP/40HC			3/7/14			

Nominal ton		(Ton)	7.5	8.5	10	12.5
Gas Heat Option	Heating Input	Low MBH (a)	125/87.5	125/87.5	180/125	180/125
		Medium MBH (a)	180/126	180/126	225/157.5	225/157.5
		High MBH (a)	225/157.5	225/157.5	250/200	250/200
	Heating Output	Low MBH (a)	100/70	100/70	144/100	144/100
		Medium MBH (a)	144/100	144/100	180/125	180/125
		High MBH (a)	180/125	180/125	200/160	200/160
	Air Temp Rise	Low	15-45	15-45	20-50	15-50
		Medium	20-65	20-65	25-60	20-60
		High	25-70	25-70	30-65	25-65

(a)For two stage heaters (input or output), second stage is total heating capacity. Second stage/first stage.

Tons	Unit Model Number	Total（a）		No.of Stages	Stage 1		Stage 2	
		Kw	MBh		Kw	MBh	Kw	MBh
		Input（b）	Output		Input	Output	Input	Output
7.5	EHK-10C(UL)	10.4	35.49	1	10.4	35.49	-	-
	EHK-15C(UL)	16	54.59	1	16	54.59	-	-
	EHK-25C(UL)	25	85.30	1	25	85.30	-	-
	EHK-32C(UL)	32	109.19	2	16	54.59	16	54.59
	EHK-41C(UL)	41	139.90	2	25	85.30	16	54.59
8.5	EHK-10C(UL)	10.4	35.49	1	10.4	35.49	-	-
	EHK-15C(UL)	16	54.59	1	16	54.59	-	-
	EHK-25C(UL)	25	85.30	1	25	85.30	-	-
	EHK-32C(UL)	32	109.19	2	16	54.59	16	54.59
	EHK-41C(UL)	41	139.90	2	25	85.30	16	54.59
10	EHK-10C(UL)	10.4	35.49	1	10.4	35.49	-	-
	EHK-15C(UL)	16	54.59	1	16	54.59	-	-
	EHK-32C(UL)	32	109.19	2	16	54.59	16	54.59
	EHK-41C(UL)	41	139.90	2	25	85.30	16	54.59
	EHK-50C(UL)	50	170.61	2	25	85.30	25	85.30
12.5	EHK-10C(UL)	10.4	35.49	1	10.4	35.49	-	-
	EHK-15C(UL)	16	54.59	1	16	54.59	-	-
	EHK-32C(UL)	32	109.19	2	16	54.59	16	54.59
	EHK-41C(UL)	41	139.90	2	25	85.30	16	54.59
	EHK-50C(UL)	50	170.61	2	25	85.30	25	85.30

(a) Heaters are rated at 240V,480V,and 600V.For other than rated voltage, CAP=(voltage/rated voltage)^2 x rated cap.
(b) For all input/output categories, does not include fan power or heat.

Tons	Unit Model No.	Standard motor (weight)		Oversize motor (weight)	
		Unit weight（lb）	Shipping Weight(lb)	Unit weight（lb）	Shipping Weight(lb)
7.5	MRB-075S225GWN10-Y	1074（487.5kg）	1136（515.5kg）	1083（491.5kg）	1145（519.5kg）
8.5	MRB-085S225GWN10-Y	1112（504.5kg）	1173（532.5kg）	1121（508.5kg）	1182（536.5kg）
10	MRB-100S250GWN10-Y	1145（519.5kg）	1207（547.5kg）	1154（523.5kg）	1215（551.5kg）
12.5	MRB-125S250GWN10-Y	1235（560.5kg）	1297（588.5kg）	1244（564.5kg）	1306（592.5kg）