



Packaged Rooftop -BaseFit Series

Air Conditioner/Gas Package
7.5 to 12.5 Tons, 460V, 60Hz



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

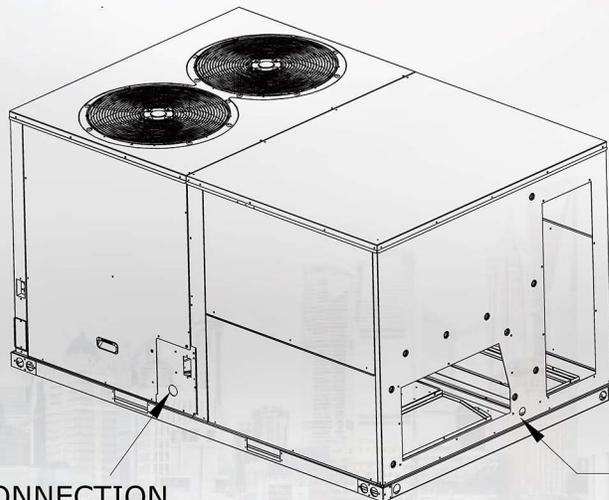
Gas pipe maintenance is more flexible, can directly move out follow the guide rail.

11

All series adopt 4pcs 20*20*2 filter, more convenience.

Overview

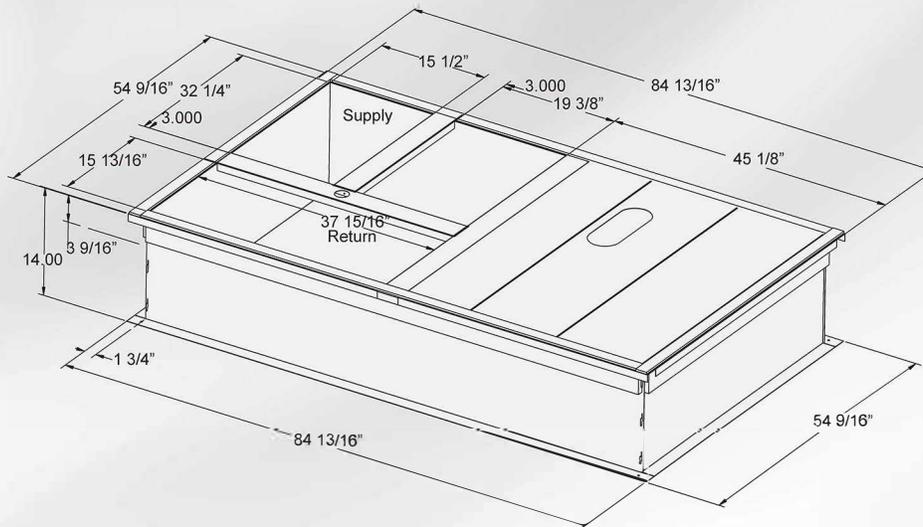
Gas/electric units—overview



GAS CONNECTION
INSIDE

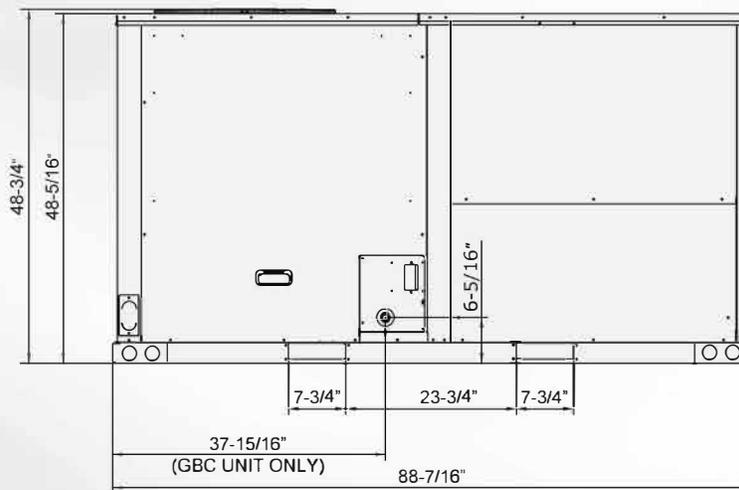
CONDENSATE
DRAIN
CONNECTION

Roof curb (in inches)

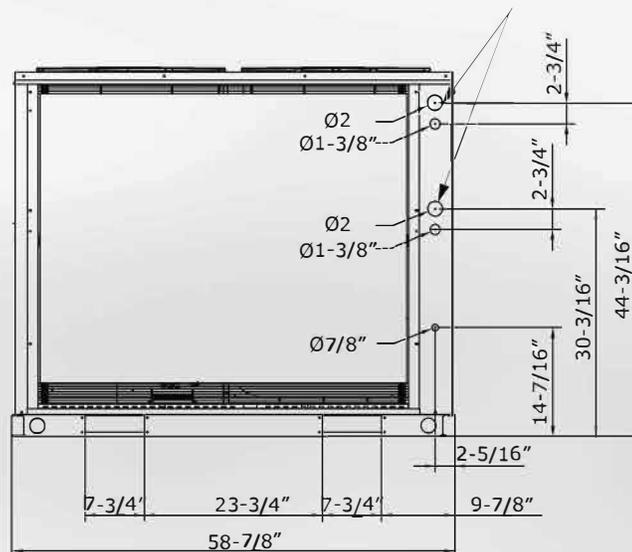


Note: The roof curb is not supplied by Midea.

Front and side views (in inches)



POWER CONNECTION HOLE



Specifications

Nominal ton	(Ton)	7.5	8.5	10	12.5	
Power Supply	\	460V ~ 60HZ,3Ph		208/230V~ 60HZ,3Ph		
Cooling Capclty	KBtu/h	86	104	114	140	
	kW	25.2	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	8,600	11,100	12,800	15,200	
Max. current	A	28	37	43	50	
Indoor fan air flow	CFM	3,000	3,200	3,600	4,000	
ESP	in.wg/Pa	0-250	0-250	0-250	0-250	
Outdoor Sound Rating(BELS)		8.4	8.4	8.2	8.7	
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	Axial	Axial	Axial	Axial	
	Drive type	Direct	Direct	Direct	Direct	
	Quantity	2	2	2	2	
Refrigerante Type		R454B				
Refrigerante Volume	Circle A/B	lbs	3.75/3.09	4.30/3.86	5.07/4.41	6.83/5.07
		kg	1.7/1.4	2.0/1.8	2.3/2.0	3.1/2.3
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 (e)	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)		Medium motor (weight)		Oversize motor (weight)	
		Unit weight (lb)	Shipping Weight(lb)	Unit weight (lb)	Shipping Weight(lb)	Unit weight (lb)	Shipping Weight(lb)
7.5	A4PC090MN1ZC	919lb(417kg)	981lb(445kg)	915(415kg)	977(443kg)	922lb(418kg)	983lb(446kg)
8.5	A4PC__MN1ZC	957lb(434kg)	1019lb(462kg)	952(432kg)	1014(460kg)	968lb(439kg)	1030lb(467kg)
10	A4PC120MN1ZC	988lb(448kg)	1049lb(476kg)	985(447kg)	1047(475kg)	992lb(450kg)	1054lb(478kg)
12.5	A4PC150MN1ZC	1078lb(489kg)	1140lb(517kg)	1078lb(489kg)	1140lb(517kg)	1085lb(492kg)	1146lb(520kg)



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