

SUBMITTAL DATA SHEET



Series Name: Cooling Only Acoil Series
Model Number: MAAHE-H36B-AA/M01AE-C36B-2A

Air Handler Heat Pump System

Location:	Approval:
Engineer:	Date:
Submitted to:	Construction:
Submitted by:	Unit #:
Reference:	Drawing #:



INDOOR SPECIFICATION

Dimension (WxDxH)	inch	14-1/2 x 21 x 23-5/16
	mm	368 x 533 x 592
Package (WxDxH)	inch	17-1/2 x 25-3/8 x 26
	mm	445 x 645 x 660
Net/Gross Weight	lbs	57/65
	kg	25.8/29.4

OUTDOOR SPECIFICATION

Compressor Type	ROTARY	
Compressor Model	KTM240D46UKT2	
Refrigerant	R454B	
Refrigerant Oil Charge(mL)	620	
Refrigerant Oil	VG74	
Outdoor Air Flow (Max) (CFM)	3,002	
Outdoor Noise Level (dBA)	58	
Dimension (WxDxH)	inch	37-1/4 x 16-1/8 x 31-7/8
	mm	946 x 410 x 810
Package (WxDxH)	inch	42-7/8 x 19-5/8 x 34-7/8
	mm	1090 x 500 x 885
Net/Gross Weight	lbs	134.26/144.40
	kg	60.9/65.5

EFFICIENCY

Cooling	Heating	
SEER2	15.4	HSPF2-4
EER2	10.0	COP

PERFORMANCE of Cooling

Cooling (Btu/hr)	
Rated Capacity	34000
Min/Max Capacity	0
Moisture Removal(L/h)	3
Standard Operating Range(°F/°C)	-13~122(-25~50)
Rated Cooling Conditions:	Indoor: 80°F DB/67°F WB Outdoor: 95°F DB/75°F WB

PERFORMANCE of Heating

Heating (Btu/hr)	
1. @ 47°F Rated	/
2. @ 47°F Min/Max Capacity	/
3. @ 17°F Rated	/
4. @ 5°F Rated: Capacity / COP	///
5. @ 5°F Max: Capacity	/
Standard Operating Range(°F/°C)	/(/)
1. Rated Heating Conditions:	Indoor: 70°F DB/60°F WB Outdoor: 47°F DB/43°F WB
2. Rated Heating Conditions:	Indoor: 70°F DB/60°F WB Outdoor: 17°F DB/15°F WB
3. Heating Conditions, Compressor Operating at Max. Frequency	Indoor: 70°F DB/60°F WB Outdoor: 5°F DB/5°F WB

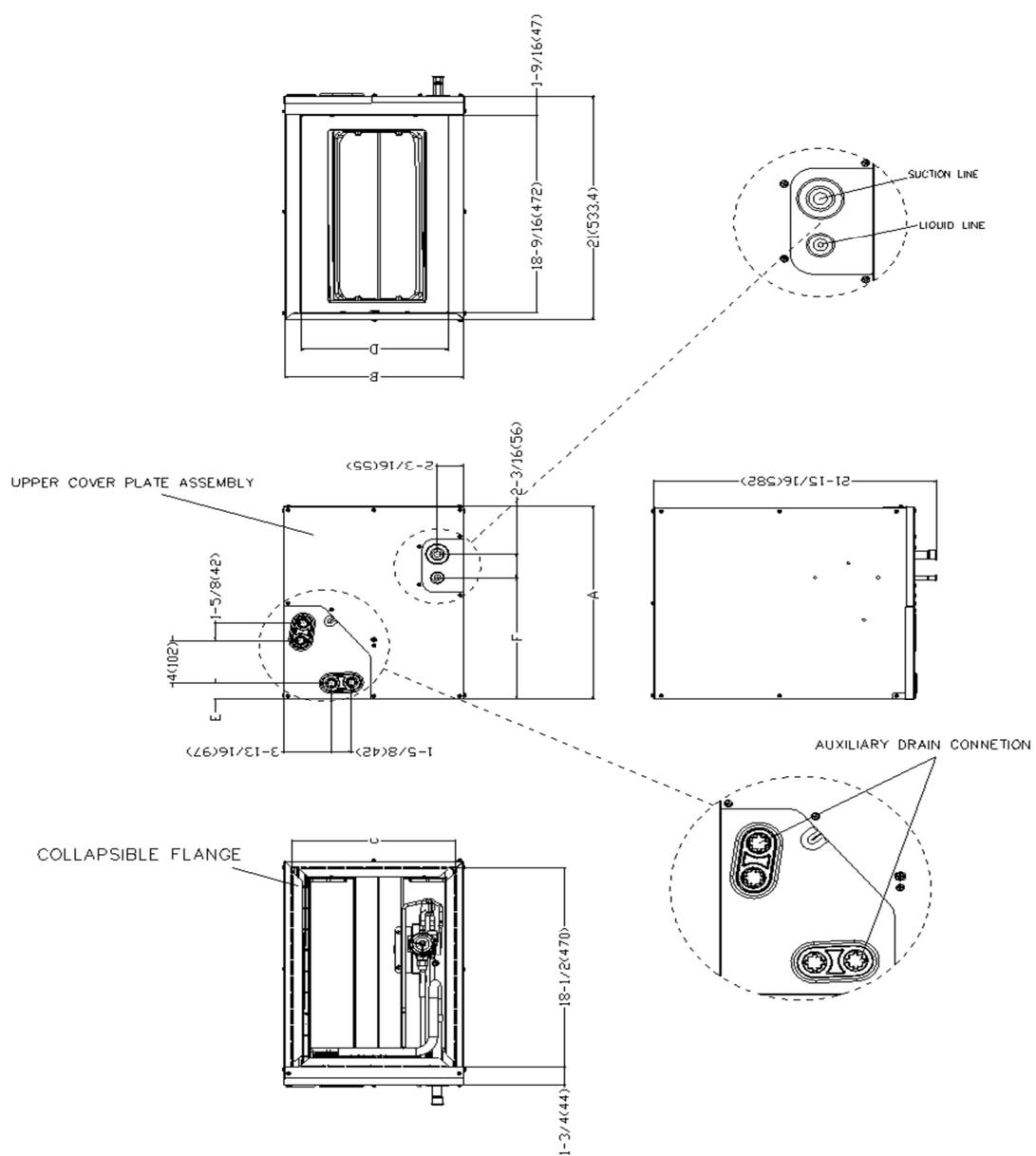
ELECTRICAL

Indoor Power Supply	24V,60Hz,1Ph
Indoor MCA 115V/(208/230V)	/
Indoor MOP	/
Outdoor Power Supply	208/230,60Hz,1Ph
Outdoor MCA	25
Outdoor MOP	25
Communication Wiring	AWG 20-2
Compressor RLA	19
Outdoor Fan Motor RLA	1
Outdoor Fan Motor W	/
Indoor Fan Motor RLA	/
Indoor Fan Motor W	/
System Power Input @ Cooling (W)	(/)
System Power Input @ Heating (W)	/(/)
MCA: Min. circuit amps (A)	MOCP: Max. over current protection (A)
RLA: Rated load amps (A)	W: Fan motor rated output (W)

PIPING

Throttle type(Indoor)	TXV
Throttle type(Outdoor)	/
Liquid Size	9.52mm(3/8in)
Gas Size	19mm(3/4in)
Max. Piping Length(ft/m)	246(75)
Max. Height Difference(ft/m)	98(30)
Max. Pre-charged Length(ft/m)	24.6(7.5)
Refrigerant Pre-charged Amount(oz/kg)	91.71(2.60)
Additional Charge of Refrigerant((oz/ft)/(g/m))	0.7(65)
Connection Method	Flared

Indoor Unit Dimension

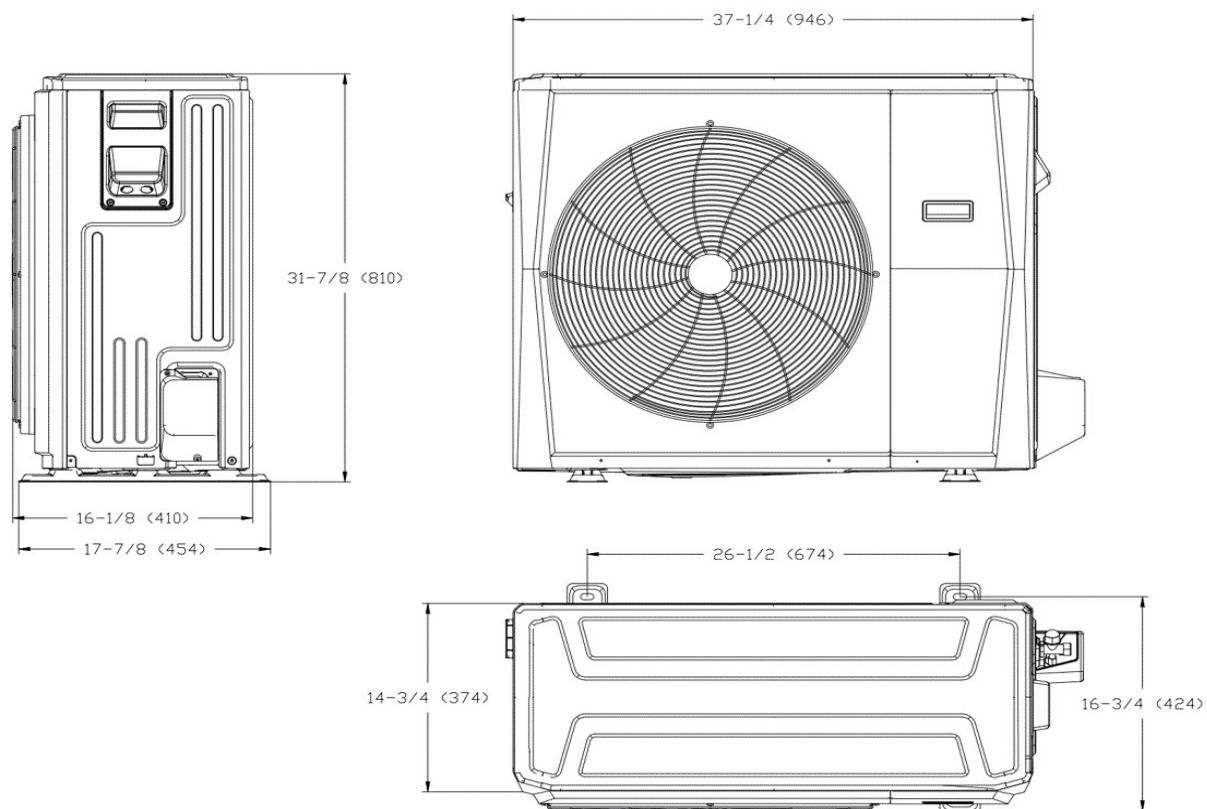


Model(Btu/h)		24-A		36-A		36-B	
Dimensions		inch	mm	inch	mm	inch	mm
A	Model Height	18	457	23-5/16	592	23-1/2	599
B	Model Width	14-1/2	368	14-1/2	368	17-1/2	445
C	Supply Air Opening Width	13-1/4	336	13-1/4	336	16-3/16	411
D	Return Air Opening Width	11-15/16	303	11-15/16	303	14-15/16	380
E	Condensate Drains Height	1-7/16	38	1-7/16	38	1-7/16	38
F	Liquid Line Height	11-3/8	290	17-15/16	455	16-3/8	417

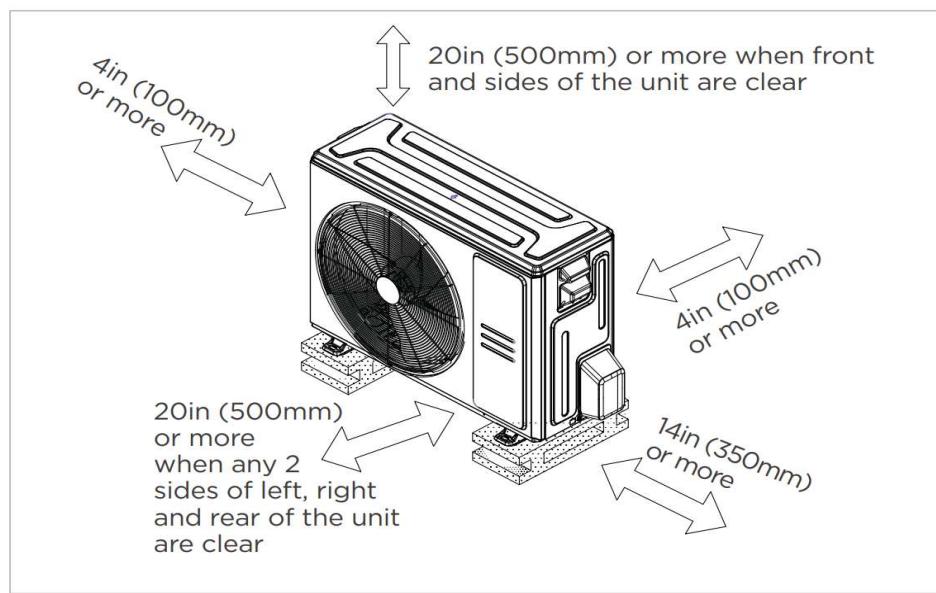
Model(Btu/h)		24-B		36-C			
Dimensions		inch	mm	inch	mm		
A	Model Height	18	457	24	611		
B	Model Width	17-1/2	445	21	534		
C	Supply Air Opening Width	16-3/16	411	19-3/4	502		
D	Return Air Opening Width	14-15/16	380	18-7/16	468		
E	Condensate Drains Height	1-7/16	38	2-3/16	55		
F	Liquid Line Height	11-3/8	290	17-1/2	445		

Outdoor Unit Dimension

Unit:inch(mm)



Installation Instruction For Outdoor Unit



Meets all spatial requirements shown in Installation Clearance Requirements above.

Features

- Multi-position installation: horizontal(left or right), vertical(up or down)
- Aluminum Coil
- R454B refrigerant sensor
- Easy Maintenance
- Multiple control options available:
 - Two-way communication wired controller with built-in Wi-Fi:120N(X6W)
 - Third-Party 24V Thermostat
- Crankcase heater equipped as standard