



Location: \_\_\_\_\_  
 Engineer: \_\_\_\_\_  
 Submitted to: \_\_\_\_\_  
 Submitted by: \_\_\_\_\_  
 Reference: \_\_\_\_\_

Model Number: A4MO23-27N2-M1H  
 Approval: \_\_\_\_\_  
 Date: \_\_\_\_\_  
 Construction: \_\_\_\_\_  
 Unit #: \_\_\_\_\_  
 Drawing #: \_\_\_\_\_



OUTDOOR SPECIFICATION		
Compressor Type	ROTARY	
Refrigerant	R454B	
Factory Charge	1000ml	
Refrigerant Oil	VG74	
Outdoor Air Flow (Max) (CFM)	2148	
Outdoor Noise Level (dBA)	61.0	
Dimension (W×D×H)	inch	37-1/4 x 16-1/8 x 31-7/8
	mm	946 x 410 x 810
Package (W×D×H)	inch	42-7/8 x 19-5/8 x 34-7/8
	mm	1090 x 500 x 885
Net/Gross Weight	lbs	168/180
	kg	76.4/81.5

EFFICIENCY			
Cooling		Heating	
SEER2	21.0	HSPF2-4	10.0
EER2	12.0	COP	3.6

PERFORMANCE of Cooling	
Cooling (Btu/hr)	
Rated Capacity	27000
Min/Max Capacity	7200~33000
Moisture Removal	0.7
Standard Operating Range	-22°F~122°F (-30°C~50°C)

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 (Min/Max)	27000(8400~32000)
2. @ 17°F Rated	23600
3. @ 5°F Max: Capacity / COP	27000/1.9
Standard Operating Range	-22°F~75°F (-30°C~24°C)

1. Rated Heating Conditions: Indoor: 70°F DB/60°F WB  
 Outdoor: 47°F DB/43°F WB

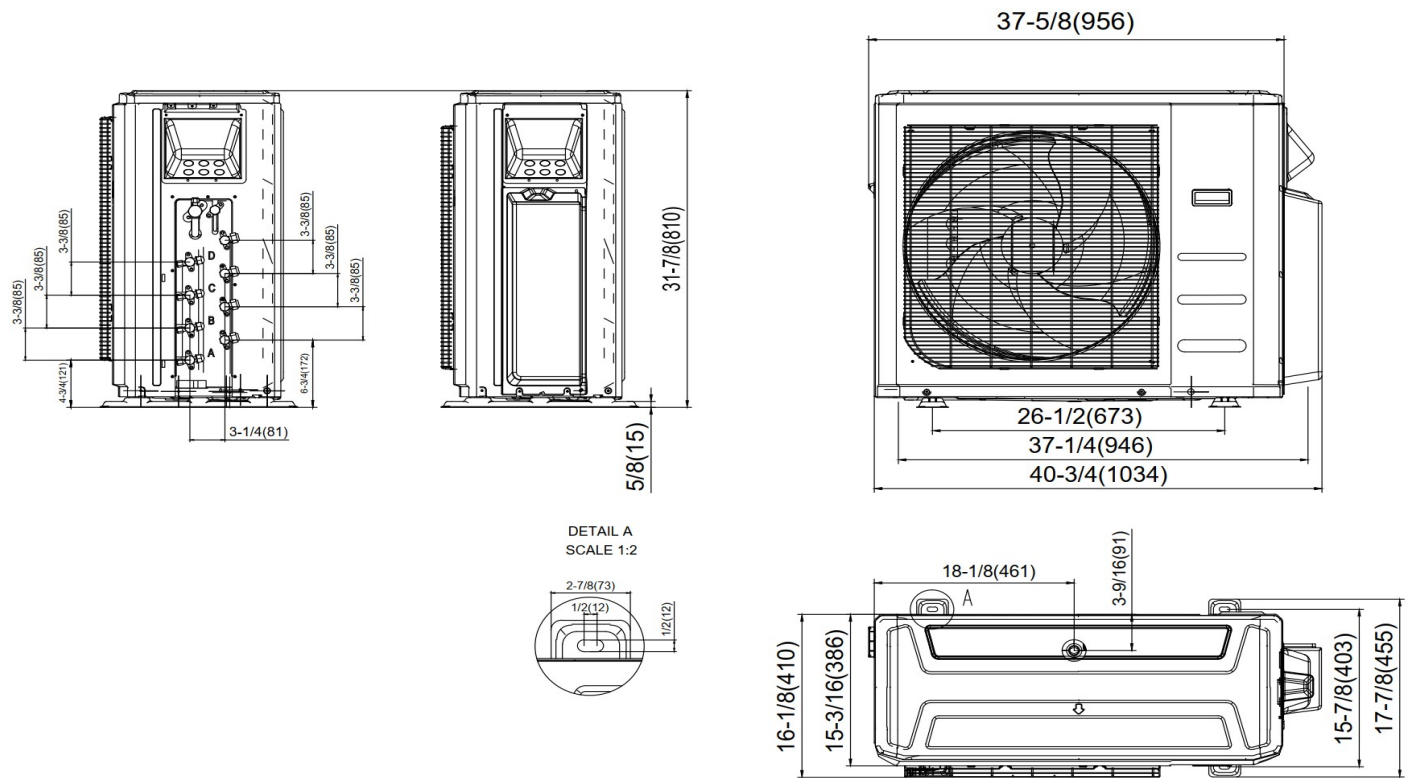
2. Rated Heating Conditions: Indoor: 70°F DB/60°F WB  
 Outdoor: 17°F DB/15°F WB

3. Heating Conditions, Compressor Operating at Max. Frequency Indoor: 70°F DB/60°F WB  
 Outdoor: 5°F DB/5°F WB

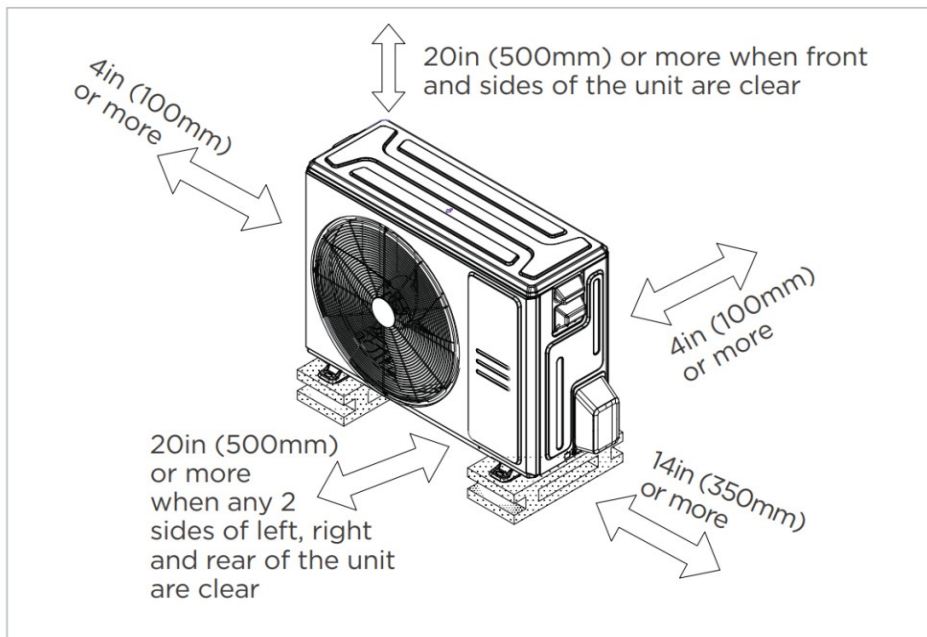
ELECTRICAL	
Power Supply	208/230V,60Hz,1Ph
System MCA	30
Connection Wiring	AWG 14-4
System MOC	35
Compressor RLA	17
Outdoor Fan Motor RLA	1.3
Outdoor Fan Motor W	120
Indoor Fan Motor RLA	/
Indoor Fan Motor W	/
System Power Input @ Cooling (W)	2250/(500 ~ 3570)
System Power Input @ Heating (W)	2198/(500 ~3440)
MCA: Min. circuit amps (A)	MOC: Max. over current protection (A)
RLA: Rated load amps (A)	W: Fan motor rated output (W)

PIPING	
Liquid Size	4x1/4in (4x6.35mm)
Gas Size	3x3/8in+1x1/2in (3x9.52mm+1x12.7mm)
Drain Size	5/8in (15.88mm)
Max. Piping Length for all rooms	262.4ft (80m)
Max. Piping Length for one IDU	114.8ft (35m)
Max. Height Difference of IDU and ODU	49.2ft (15m)
Refrigerant Pre-charged Amount	120.63oz (3420g)
Refrigerant Precharge Length	24.6ft (7.5m)x4
Additional Charge of Refrigerant (Φ6.35 (1/4") liquid pipe)	0.16oz/ft (15g/m)
Additional Charge of Refrigerant (Φ9.52 (3/8") liquid pipe)	0.32oz/ft (30g/m)
Connection Method	Flared

## Outdoor Unit Dimension



## Installation Instruction



- Meets all special requirements shown in Installation Clearance Requirements above.