

# SUBMITTAL DATA SHEET



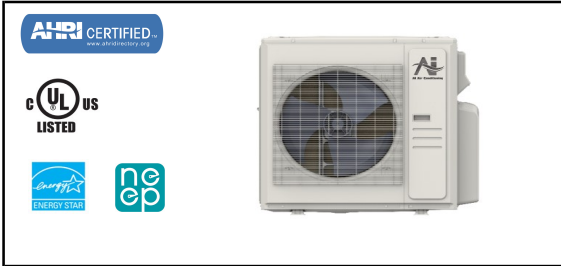
Series Name: **Multi Zone Mega Heat Series**

Model Number: **A4MO22-36N1-M1H**

## Heat Pump System

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

Approval: \_\_\_\_\_  
 Date: \_\_\_\_\_  
 Construction: \_\_\_\_\_  
 Unit #: \_\_\_\_\_  
 Drawing #: \_\_\_\_\_



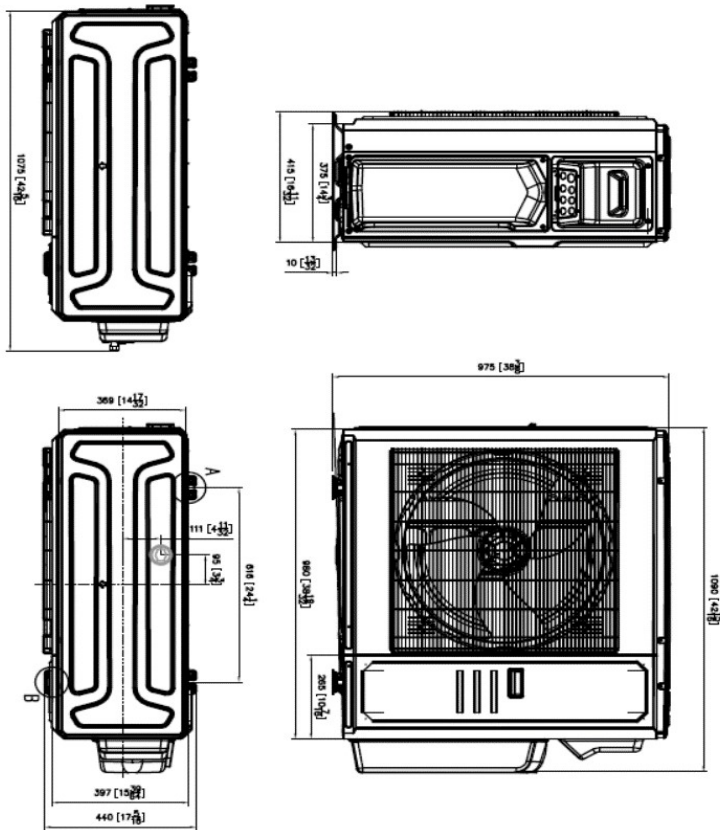
OUTDOOR SPECIFICATION		
Compressor Type	ROTARY	
Refrigerant	R410A	
Factory Charge Oil	1460±15ml	
Refrigerant Oil	VG74	
Outdoor Air Flow (Max) (CFM)	3035	
Outdoor Noise Level (dBA)	65	
Dimension (WxDxH)	inch	38-5/8 x 16-3/8 x 38-3/8
	mm	980 x 415 x 975
Package (WxDxH)	inch	45-1/8 x 19-5/8 x 42-1/2
	mm	1145 x 500 x 1080
Net/Gross Weight	lbs	214/247
	kg	97/112

EFFICIENCY			
Cooling		Heating	
SEER2	21	HSPF2-4	10.9
EER2	12	COP	3.6
PERFORMANCE of Cooling			
Cooling (Btu/hr)			
Rated (Min/Max)	36000		
Sebsible @ AHRI	12000~41000		
Moisture Removal	/		
Standard Operating Range	5°F~122°F (-15°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)	36000(12000~48000)		
2. @ 17°F Rated	27400		
3. @ 5°F Max: Capacity / COP	36000 / 1.95		
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	

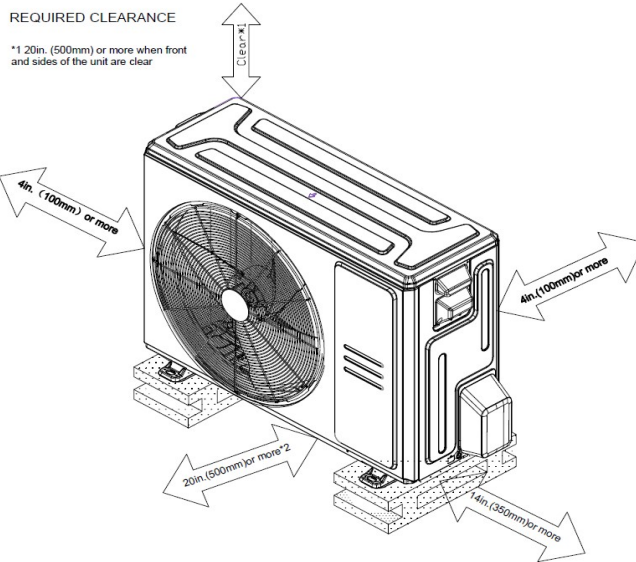
ELECTRICAL	
Power Supply	208/230V, 1Ph, 60Hz
System MCA	36
Connection Wiring	AWG 14-4
System MOCP	50
Compressor RLA	21.5
Outdoor Fan Motor RLA	1.5
Outdoor Fan Motor W	250
Indoor Fan Motor RLA	/
Indoor Fan Motor W	/
System Power Input @ Cooling (W)	3000(780~4000)
System Power Input @ Heating (W)	2915(830~3950)
MCA: Min. circuit amps (A)	MOCP: 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	2x3/8+2x1/2in (2x9.52+2x12.7mm)
Max. Piping Length for all rooms	262.46ft (80m)
Max. Piping Length for one IDU	114.83ft (35m)
Max. Height Difference of IDU and ODU	49.21ft (15m)
Refrigerant Pre-charged Amount	148oz (4196g)
Refrigerant Precharge Length	25x4 (ft)
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**



\*2 When any 2 sides of left, right and rear of the unit are clear