

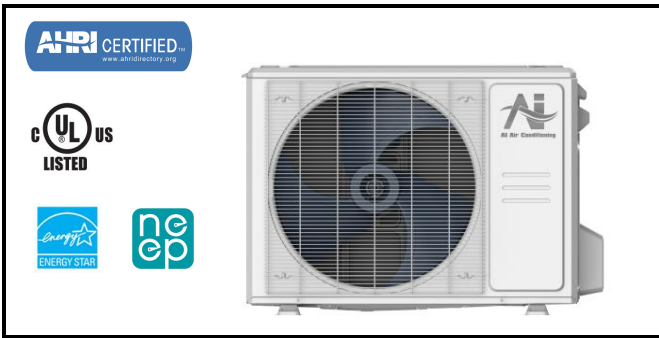
SUBMITTAL DATA SHEET



Series Name: **Multi Zone Regular Series**

Model Number: **A2MO21-18N1-M1**

Wall Mounted Heat Pump System	
Location: _____	Approval: _____
Engineer: _____	Date: _____
Submitted to: _____	Construction: _____
Submitted by: _____	Unit #: _____
Reference: _____	Drawing #: _____



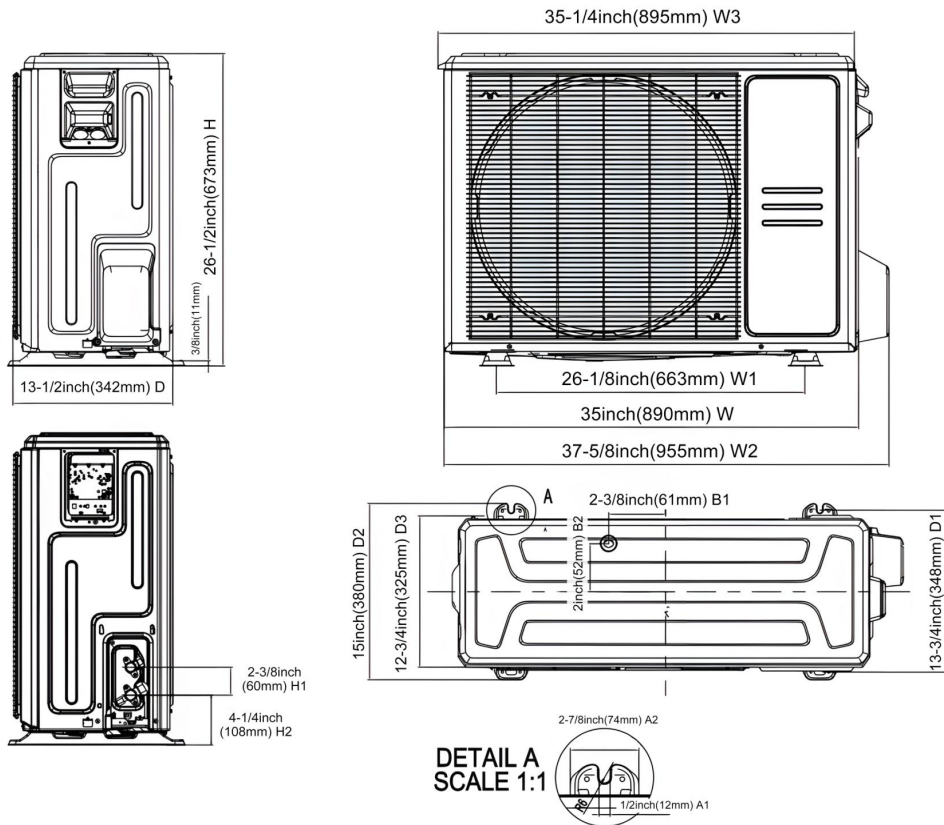
OUTDOOR SPECIFICATION		
Compressor Type		Twin-ROTARY
Refrigerant		R410A
Factory Charge Oil		450ml
Refrigerant Oil		VG74
Outdoor Air Flow (Max) (CFM)		1765
Outdoor Noise Level (dBA)		60
Dimension (W×D×H)	inch	35 x 13-1/2 x 26-1/2
	mm	890 x 342 x 673
Package (W×D×H)	inch	40-1/2 x 17-1/4 x 29-1/2
	mm	1030 x 438 x 750
Net/Gross Weight	lbs	100/109
	kg	45.5/49.3

EFFICIENCY			
Cooling		Heating	
SEER2	21.0	HSPF2-4	10.2
EER2	12.5	COP	3.6
PERFORMANCE of Cooling			
Cooling (Btu/hr)			
Rated (Min/Max)		18000	
Sebsible @ AHRI		4950~23000	
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)		19000(4900~23000)	
2. @ 17°F Rated		14400	
3. @ 5°F Max: Capacity / COP		12600 / 2.00	
Standard Operating Range		-13°F~75°F (-25°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	18
Connection Wiring	AWG 14-4
System MOCP	25
Compressor RLA	to be confirmed
Outdoor Fan Motor RLA	to be confirmed
Outdoor Fan Motor W	80
Indoor Fan Motor RLA	/
Indoor Fan Motor W	/
System Power Input @ Cooling (W)	1440(217~2026)
System Power Input @ Heating (W)	1550(317~1959)
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	2x1/4in (2x6.35mm)
Gas Size	2x3/8in (2x9.52mm)
Max. Piping Length for all rooms	131.2ft (40m)
Max. Piping Length for one IDU	82ft (25m)
Max. Height Difference of IDU and ODU	49.2ft (15m)
Refrigerant Pre-charged Amount	65.3oz (1851g)
Refrigerant Precharge Length	(25x2)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

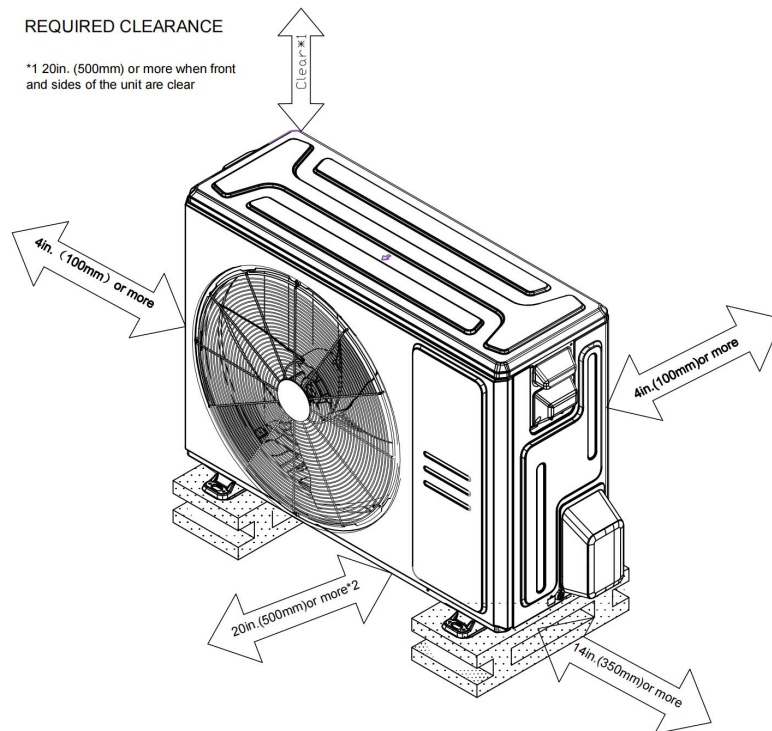
Outdoor Unit Dimension



Installation Instruction

REQUIRED CLEARANCE

*1 20in. (500mm) or more when front and sides of the unit are clear



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