

SUBMITTAL DATA SHEET

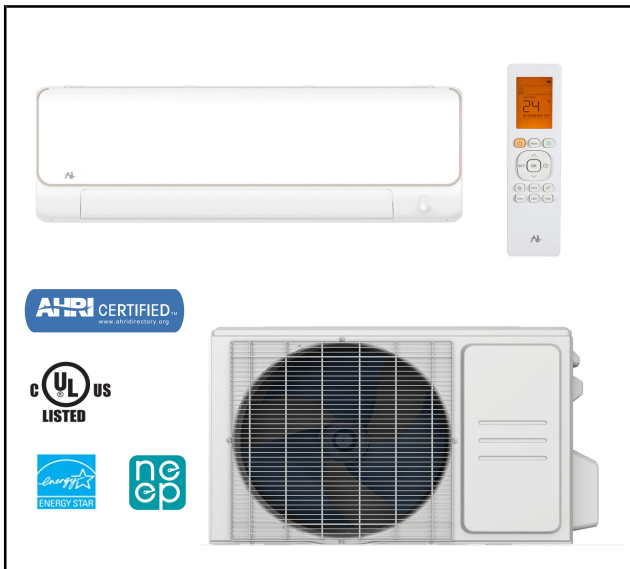


Series Name: **Mini Split 29seer Series**
 Model Number: **AO29-09N1-M1H / AW29-09N1-M1**

Wall Mounted Heat Pump System

Location: _____
 Engineer: _____
 Submitted to: _____
 Submitted by: _____
 Reference: _____

Approval: _____
 Date: _____
 Construction: _____
 Unit #: _____
 Drawing #: _____



INDOOR SPECIFICATION		
Indoor Air Flow (H/M/L) (CFM)	424/212/153	
Indoor Noise Level (H/M/L) (dBA)	41/36.5/28	
Dimension (WxDxH)	inch	40 x 9-3/4 x 12-5/8
	mm	1017.4 x 246.9 x 320
Package (WxDxH)	inch	43-1/8 x 12-3/4 x 15-3/4
	mm	1095 x 325 x 400
Net/Gross Weight	lbs	28/40
	kg	12.7/18

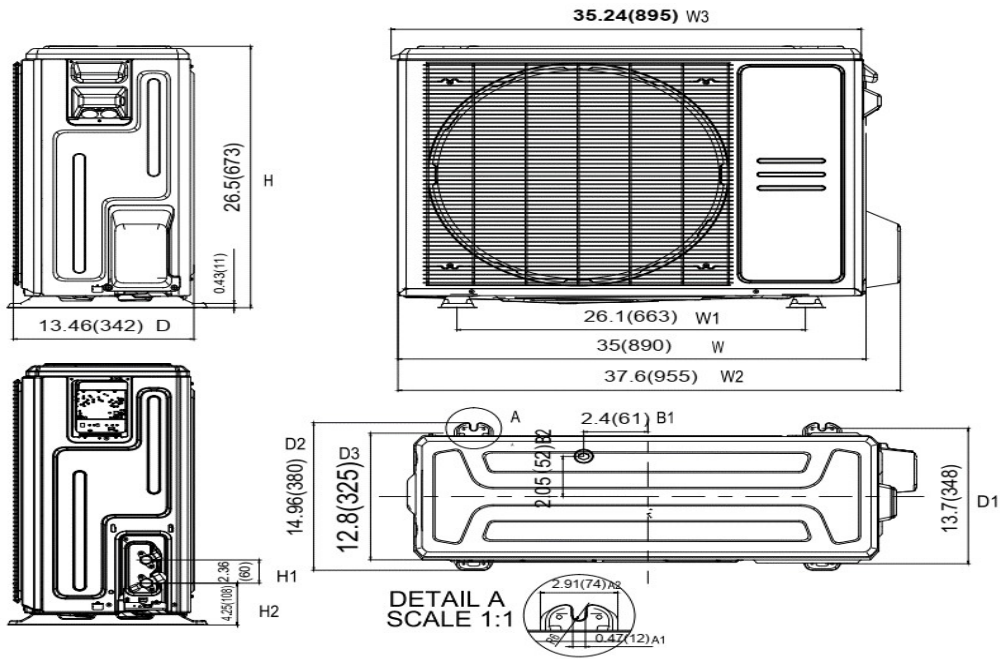
OUTDOOR SPECIFICATION		
Compressor Type	ROTARY	
Refrigerant	R410A	
Factory Charge	500ml	
Refrigerant Oil	RB75EA	
Outdoor Air Flow (Max) (CFM)	1765	
Outdoor Noise Level (dBA)	56.5	
Dimension (WxDxH)	inch	35 x 13-1/2 x 26-1/2
	mm	890 x 342 x 673
Package (WxDxH)	inch	39-1/8 x 15-5/8 x 29-1/8
	mm	995 x 398 x 740
Net/Gross Weight	lbs	101/107
	kg	46/48.7

EFFICIENCY			
Cooling		Heating	
SEER2	29	HSPF2-4	22.0
EER2	16.5	COP	3.9
PERFORMANCE of Cooling			
Cooling (Btu/hr)			
Rated (Min/Max)		9000	
Sebsible @ AHRI		2900~16900	
Moisture Removal		0.027L/H (0.1pint/H)	
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)		12000(5100~19000)	
2. @ 17°F Rated		11400	
3. @ 5°F Max: Capacity / COP		13500 / 1.86	
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	16
Connection Wiring	AWG 14-4
System MOCP	20
Compressor RLA	9.33
Outdoor Fan Motor RLA	0.8
Outdoor Fan Motor W	80
Indoor Fan Motor RLA	0.4
Indoor Fan Motor W	30
System Power Input @ Cooling (W)	545(185~1690)
System Power Input @ Heating (W)	902(400~1770)
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	1/4in (6.35mm)
Gas Size	1/2in (12.7mm)
Drain Size	5/8in (15.88mm)
Max. Piping Length	82ft (25m)
Max. Height Difference	32.8ft (10m)
Max. Pre-charged Length	25ft (7.5m)
Refrigerant Pre-charged Amount	52.91oz (1500g)
Additional Charge of Refrigerant	0.16oz/ft (15g/m)
Connection Method	Flared

Outdoor Unit Dimension



Installation Instruction

Install the unit by following local codes and regulations , there may be differ slightly between different regions.

