

SUBMITTAL DATA SHEET



Series Name: **INNOVA 24V Regular with A Coil**

Model Number: **AUO17-30N1-M3 / AUA-36N1-C24**

Heat Pump System

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

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



INDOOR SPECIFICATION		
Indoor Air Flow (H/M/L) (CFM)		0/882/0
Indoor Noise Level (H/M/L) (dBA)		0/0/0
Dimension (W×D×H)	inch	21 x 21 x 24
	mm	533 x 533 x 609
Package (W×D×H)	inch	24 x 26-1/8 x 26-3/8
	mm	610 x 665 x 670
Net/Gross Weight	lbs	67/77
	kg	30.2/35

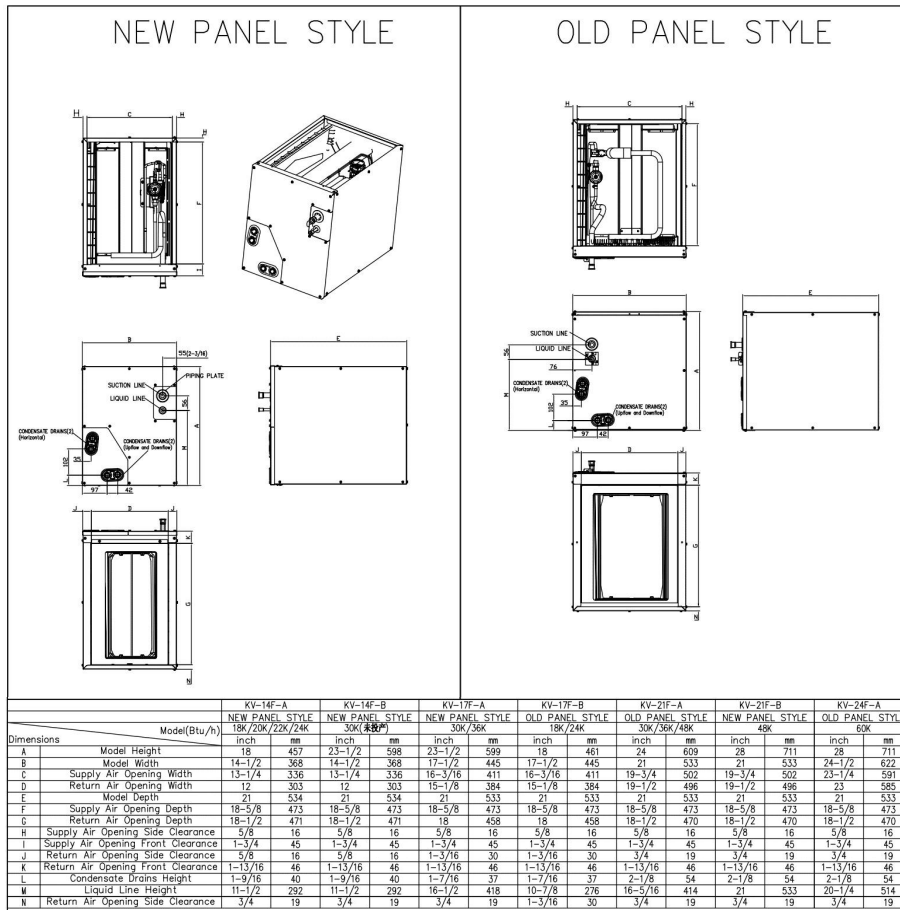
OUTDOOR SPECIFICATION		
Compressor Type		ROTARY
Refrigerant		R410A
Factory Charge Oil		670ml
Refrigerant Oil		VG74
Outdoor Air Flow (Max) (CFM)		3000
Outdoor Noise Level (dBA)		63
Dimension (W×D×H)	inch	37-1/4 x 16-1/8 x 31-7/8
	mm	946 x 410 x 810
Package (W×D×H)	inch	42-7/8 x 19-5/8 x 34-7/8
	mm	1090 x 500 x 885
Net/Gross Weight	lbs	142/151
	kg	64.3/68.7

EFFICIENCY			
Cooling		Heating	
SEER2	14.9	HSPF2-4	9.3
EER2	10.2	COP	3.3
PERFORMANCE of Cooling			
Cooling (Btu/hr)			
Rated Capacity	30000		
Min/Max Capacity	8000~33000		
Moisture Removal	3.34 L/H (7.0 pint/H)		
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)	31000(8000~34000)		
2. @ 17°F Rated	22000		
3. @ 5°F Max: Capacity / COP	19000 / 1.81		
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		Indoor: 70°F DB/60°F WB	
Operating at Max. Frequency		Outdoor: 5°F DB/5°F WB	

ELECTRICAL	
Power Supply	208/230V, 1Ph, 60Hz
Outdoor/Indoor MCA	20/NA
Connection Wiring	/
Outdoor/Indoor MOCP	35/NA
Compressor RLA	16
Outdoor Fan Motor RLA	1.4
Outdoor Fan Motor W	120
Indoor Fan Motor RLA	/
Indoor Fan Motor W	/
System Power Input @ Cooling (W)	2950(520~3780)
System Power Input @ Heating (W)	2650(550~3000)
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	3/8in (9.52mm)
Gas Size	3/4in (19mm)
Drain Size	5/8in (15.88mm)
Max. Piping Length	164ft (50m)
Max. Height Difference	82ft (25m)
Max. Pre-charged Length	25ft (7.5m)
Refrigerant Pre-charged Amount	107.59oz (3050g)
Additional Charge of Refrigerant	0.69oz/ft (65g/m)
Connection Method	Flared

Indoor Unit Dimension



Outdoor Unit Dimension

