

SUBMITTAL DATA SHEET



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

Model Number: **AUO17-48N1-M3 / AUA-48N1-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)		0/1029/0
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

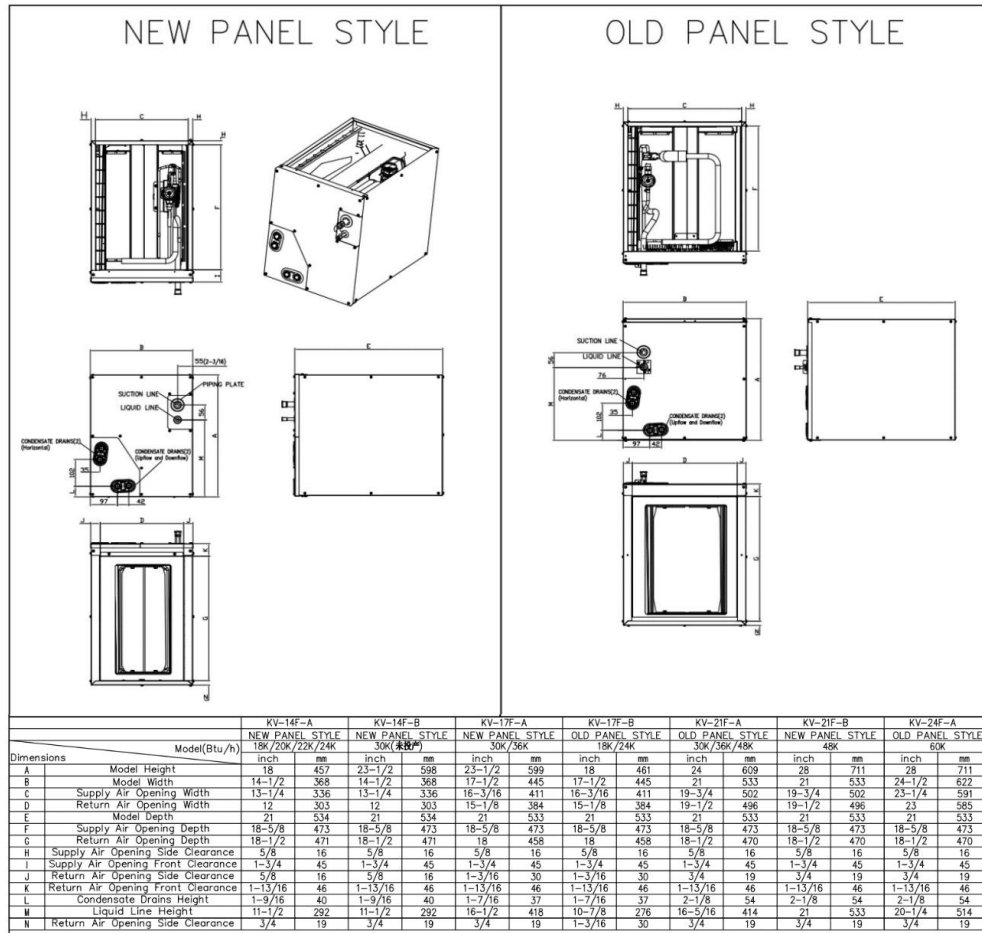
OUTDOOR SPECIFICATION		
Compressor Type		ROTARY
Refrigerant		R410A
Factory Charge Oil		1400ml
Refrigerant Oil		VG74
Outdoor Air Flow (Max) (CFM)		4500
Outdoor Noise Level (dBA)		63
Dimension (W×D×H)	inch	37-1/2 x 16-3/8 x 52-1/2
	mm	952 x 415 x 1333
Package (W×D×H)	inch	43-1/8 x 19-1/2 x 58-1/4
	mm	1095 x 495 x 1480
Net/Gross Weight	lbs	218/249
	kg	98.7/112.8

EFFICIENCY			
Cooling		Heating	
SEER2	14.3	HSPF2-4	8.3
EER2	8.6	COP	2.9
PERFORMANCE of Cooling			
Cooling (Btu/hr)			
Rated Capacity	48000		
Min/Max Capacity	12000~48000		
Moisture Removal	7.676 L/H (16.2 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)	51000(11000~54000)		
2. @ 17°F Rated	30500		
3. @ 5°F Max: Capacity / COP	20800 / 1.80		
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	34/NA
Connection Wiring	/
Outdoor/Indoor MOCP	50/NA
Compressor RLA	24
Outdoor Fan Motor RLA	2.4
Outdoor Fan Motor W	85
Indoor Fan Motor RLA	/
Indoor Fan Motor W	/
System Power Input @ Cooling (W)	5650(540~5330)
System Power Input @ Heating (W)	5150(710~5580)
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	213.3ft (65m)
Max. Height Difference	98.4ft (30m)
Max. Pre-charged Length	25ft (7.5m)
Refrigerant Pre-charged Amount	165.79oz (4700g)
Additional Charge of Refrigerant	0.69oz/ft (65g/m)
Connection Method	Flared

Indoor Unit Dimension



Outdoor Unit Dimension

