

SUBMITTAL DATA SHEET



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

Model Number: **AUO17-18N1-M3 / AUA-24N1-B18**

Heat Pump System

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

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



INDOOR SPECIFICATION		
Indoor Air Flow (H/M/L) (CFM)		0/706/0
Indoor Noise Level (H/M/L) (dBA)		0/0/0
Dimension (W×D×H)	inch	17-1/2 x 21 x 18
	mm	445 x 533 x 457
Package (W×D×H)	inch	20-1/2 x 26-1/8 x 20-1/4
	mm	520 x 665 x 515
Net/Gross Weight	lbs	43/52
	kg	19.4/23.6

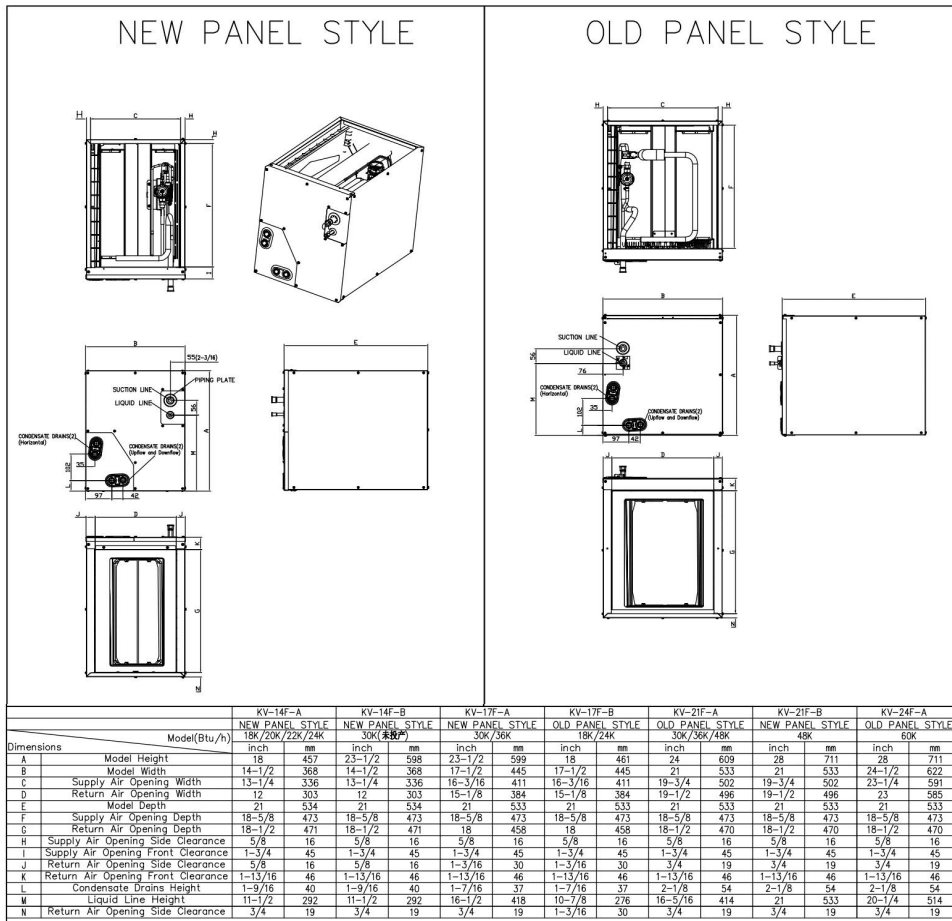
OUTDOOR SPECIFICATION		
Compressor Type		ROTARY
Refrigerant		R410A
Factory Charge Oil		440ml
Refrigerant Oil		VG74
Outdoor Air Flow (Max) (CFM)		1450
Outdoor Noise Level (dBA)		58
Dimension (W×D×H)	inch	31-3/4 x 13 x 21-3/4
	mm	805 x 330 x 554
Package (W×D×H)	inch	36 x 14-5/8 x 24-1/4
	mm	915 x 370 x 615
Net/Gross Weight	lbs	76/81
	kg	34.4/36.9

EFFICIENCY			
Cooling		Heating	
SEER2	15.2	HSPF2-4	8.6
EER2	10.2	COP	3.2
PERFORMANCE of Cooling			
Cooling (Btu/hr)			
Rated Capacity	18000		
Min/Max Capacity	5800~18600		
Moisture Removal	2.15 L/H (4.5 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)	18500(6500~19800)		
2. @ 17°F Rated	13000		
3. @ 5°F Max: Capacity / COP	10400 / 1.94		
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
Outdoor/Indoor MCA	16/NA
Connection Wiring	/
Outdoor/Indoor MOCP	20/NA
Compressor RLA	9
Outdoor Fan Motor RLA	1
Outdoor Fan Motor W	34
Indoor Fan Motor RLA	/
Indoor Fan Motor W	/
System Power Input @ Cooling (W)	1770(250~1890)
System Power Input @ Heating (W)	1705(480~2100)
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) ODU Adaptor from 5/8 to 3/4
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	56.44oz (1600g)
Additional Charge of Refrigerant	0.69oz/ft (65g/m)
Connection Method	Flared

Indoor Unit Dimension



Outdoor Unit Dimension

