

SUBMITTAL DATA SHEET



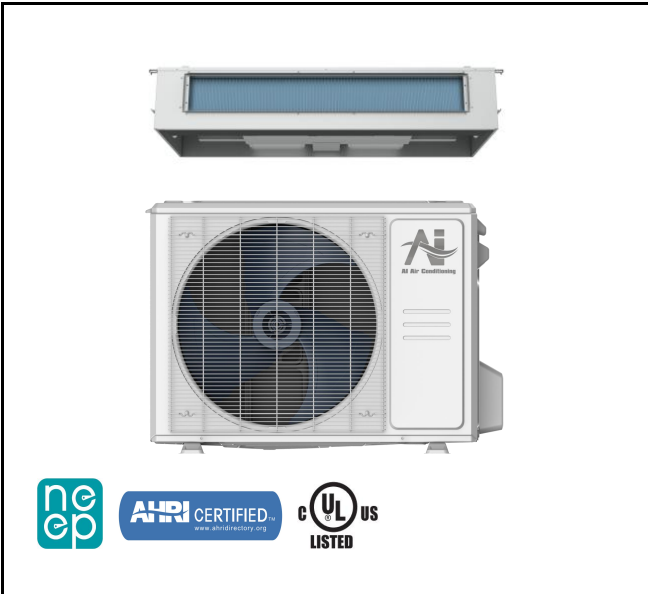
Series Name: **INNOVA 24V Regular with Pancake**

Model Number: **AUO17-18N1-M3 / AUP-18N1-HM3**

Heat Pump System

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

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



INDOOR SPECIFICATION

Indoor Air Flow (H/M/L) (CFM)		600/565/529
Indoor Noise Level (H/M/L) (dBA)		54/50/45.5
Dimension (W×D×H)	inch	43-1/4 x 23-3/8 x 11
	mm	1098 x 593 x 278
Package (W×D×H)	inch	47-1/4 x 26-3/4 x 13-5/8
	mm	1200 x 680 x 345
Net/Gross Weight	lbs	112/125
	kg	51/56.6

OUTDOOR SPECIFICATION

Compressor Type		ROTARY
Refrigerant		R410A
Factory Charge Oil		440ml
Refrigerant Oil		VG74
Outdoor Air Flow (Max) (CFM)		1450
Outdoor Noise Level (dBA)		55
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	16.0	HSPF2-4	8.0
EER2	10.0	COP	To be confirmed

PERFORMANCE of Cooling

Cooling (Btu/hr)	
Rated Capacity	18000
Min/Max Capacity	To be confirmed
Moisture Removal	To be confirmed
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)	18000
2. @ 17°F Rated	12000
3. @ 5°F Max: Capacity / COP	10000 / 1.90
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

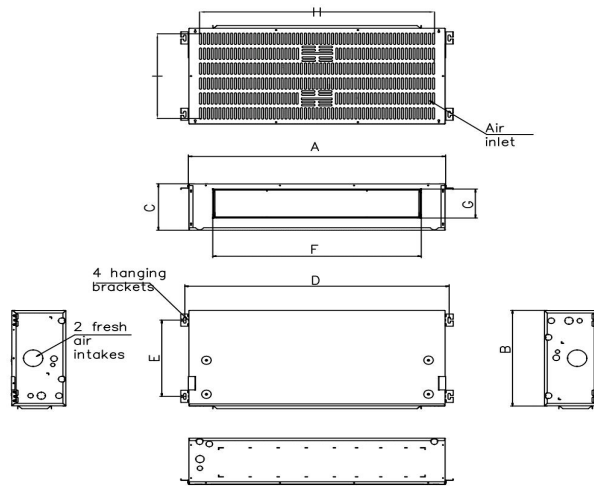
ELECTRICAL

Power Supply		208/230V, 1Ph, 60Hz
Outdoor/Indoor MCA		16/5
Connection Wiring		AWG 14-4
Outdoor/Indoor MOCP		20/15
Compressor RLA		9
Outdoor Fan Motor RLA		1
Outdoor Fan Motor W		To be confirmed
Indoor Fan Motor RLA		3.8
Indoor Fan Motor W		To be confirmed
System Power Input @ Cooling (W)		To be confirmed
System Power Input @ Heating (W)		To be confirmed
MCA: Min. circuit amps (A)	MOCP: Max. over current protection (A)	
RLA: Rated load amps (A)	W: Fan motor rated output (W)	

PIPING

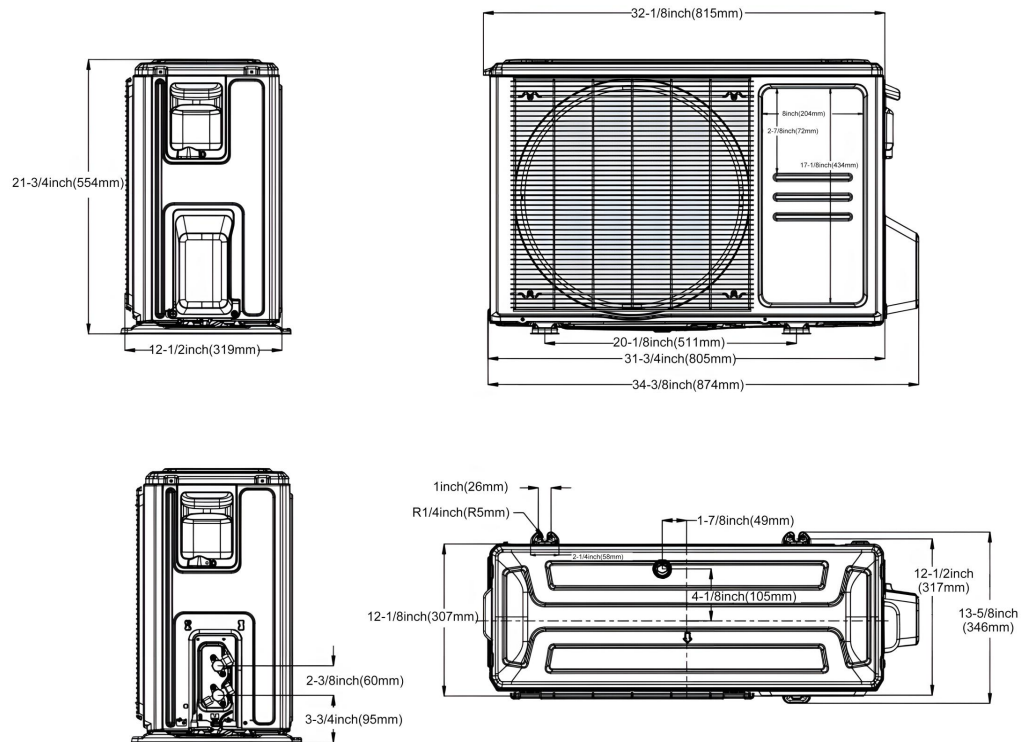
Liquid Size		3/8in (9.52mm)
Gas Size		3/4in (19mm) ODU Adaptor from 5/8 to 3/4
Drain Size		5/8in (15.88mm)
Max. Piping Length		98.4ft (30m)
Max. Height Difference		65.6ft (20m)
Max. Pre-charged Length		25ft (7.5m)
Refrigerant Pre-charged Amount		56.44oz (1600g)
Additional Charge of Refrigerant		0.69oz/ft (65g/m)
Connection Method		Flared

Indoor Unit Dimension



Dimensions		Model(Btu/h)			
		18K	24K	30K	36K
A	Model Length	43-1/4	49-1/8	55-1/4	62-1/8
B	Model Width	23-5/16	23-5/16	23-5/16	23-5/16
C	Model Height	10-15/16	10-15/16	10-15/16	10-15/16
D	MOUNTED LUG Length	41-5/8	47-1/2	53-5/8	60-1/2
E	MOUNTED LUG width	18-1/8	18-1/8	18-1/8	18-1/8
F	AIR OUTLET LENGTH	30-5/16	36-3/16	42-5/16	49-3/16
G	AIR OUTLET WIDTH	6-7/8	6-7/8	6-7/8	6-7/8
H	AIR RETURN LENGTH	38-3/8	44-5/16	50-3/8	57-1/4
I	AIR RETURN WIDTH	21-1/8	21-1/8	21-1/8	21-1/8

Outdoor Unit Dimension



18K

