

Series Name: INNOVA 24V Mega Heat with AHU
Model Number: AUO18-18N1-M3H / AUH2-18N1-BM3E



EFFICIENCY			
Cooling		Heating	
SEER2	18	HSPF2-4	9.3
EER2	12.4	COP	3.6
PERFORMANCE of Cooling			
Cooling (Btu/hr)			
Rated (Min/Max)		18000	
Sebsible @ AHRI		6880~21000	
Moisture Removal		1.67 L/H (3.52pint/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)		19000(2800~21000)	
2. @ 17°F Rated		13500	
3. @ 5°F Max: Capacity / COP		16500 / 2.04	
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		Indoor: 70°F DB/60°F WB	
Operating at Max. Frequency		Outdoor: 5°F DB/5°F WB	

INDOOR SPECIFICATION		
Indoor Air Flow (H/M/L) (CFM)		618/576/529
Indoor Noise Level (H/M/L) (dBA)		34/31/30
Dimension (W×D×H)	inch	21 x 17-1/2 x 45
	mm	534 x 445 x 1143
Package (W×D×H)	inch	26-5/8 x 20-7/8 x 48-5/8
	mm	675 x 530 x 1235
Net/Gross Weight	lbs	106/129
	kg	48/58.7

OUTDOOR SPECIFICATION		
Compressor Type		Twin-ROTARY
Refrigerant		R410A
Factory Charge Oil		670ml
Refrigerant Oil		VG74
Outdoor Air Flow (Max) (CFM)		1279
Outdoor Noise Level (dBA)		57
Dimension (W×D×H)	inch	35 x 13-1/2 x 26-1/2
	mm	890 x 342 x 673
Package (W×D×H)	inch	39-1/8 x 15-5/8 x 29-1/8
	mm	995 x 398 x 740
Net/Gross Weight	lbs	103/110
	kg	46.7/49.8

ELECTRICAL	
Power Supply	208/230V, 1Ph, 60Hz
Outdoor/Indoor MCA	16/2.5
Connection Wiring	AWG 14-2
Outdoor/Indoor MOCP	20/15
Compressor RLA	10
Outdoor Fan Motor RLA	1
Outdoor Fan Motor W	80
Indoor Fan Motor RLA	2
Indoor Fan Motor W	/
System Power Input @ Cooling (W)	1450(260~1890)
System Power Input @ Heating (W)	1530(430~1920)
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	81.13oz (2300g)
Additional Charge of Refrigerant	0.69oz/ft (65g/m)
Connection Method	Flared

