

Inverter Driven Heat Pump

18,000 BTU Single Zone Floor/Ceiling Mounted

Job Name _____
 Location _____
 Engineer _____
 Submitted To _____
 Submitted By _____
 Reference _____

Date _____
 Approval _____
 Construction _____
 Unit No _____
 Drawing No _____

PRODUCT FEATURES

- Auto Changeover
- 24 Hr. Timer
- Floor/Ceiling Mount
- Accepts Fresh Air (Field Supplied)
- Auto Restart
- OF Low Ambient Cooling
- Auto Louver
- Auto Fan Mode



MODEL NUMBERS	
Indoor Unit	ABU18RULX
Outdoor Unit	AOU18RLX
System	18RULX

EFFICIENCIES	
SEER	16
EER	10.90
HSPF	8.50

OUTDOOR TEMPERATURE OPERATION RANGE		
Cooling	°F(°C)	0 to 115 (-18 to 46)
Heating		14 to 75 (-10 to 24)

CAPACITIES			
Cooling	Rated	BTU/hW	17,800
	Max.		5000–21500
Heating	Rated		21,500
	Max.		5000–25600

LINESET REQUIREMENTS		
Connection Method		Flare
Liquid	in (mm)	Ø1/4 (6.35)
Gas		Ø1/2 (12.70)
Pre-Charge Length	ft (m)	49 (15)
Minimum Length		16 (5)
Maximum Length		164(50)
Max. Height Diff.		66 (20)

INDOOR DIMENSIONS & WEIGHT		
Net (H x W x D)	in	7 - 27/32 x 38 - 31/32 x 25 - 25/32
	mm	199 x 990 x 655
Gross (H x W x D)	in	12 - 19/32 x 45 - 9/32 x 31 - 3/3
	mm	320 x 1150 x 790
Net Weight	lb (kg)	75 (34)
Gross Weight		97 (44)

OUTDOOR DIMENSIONS & WEIGHT		
Net (H x W x D)	in	32- 11/16 x 35- 7/16 x 13
	mm	830 x 900 x 330
Gross (H x W x D)	in	38- 3/16 x 41- 11/32 x 17- 17/32
	mm	970 x 1050 x 445
Net Weight	lb (kg)	141(64)
Gross Weight		154(70)

Warranty Information



6 Year Compressor, 2 Year Parts out-of-the-box Warranty

ACCESSORIES		
FJ-IR-WIFI-1NA		Intesis IR WiFi module
FJ-RC-WIFI-1NA		Intesis Wired WiFi module
UTY-RNBYU		Wired Remote



Indoor Unit ETL#: 3170288
 Outdoor Unit ETL#: 91987

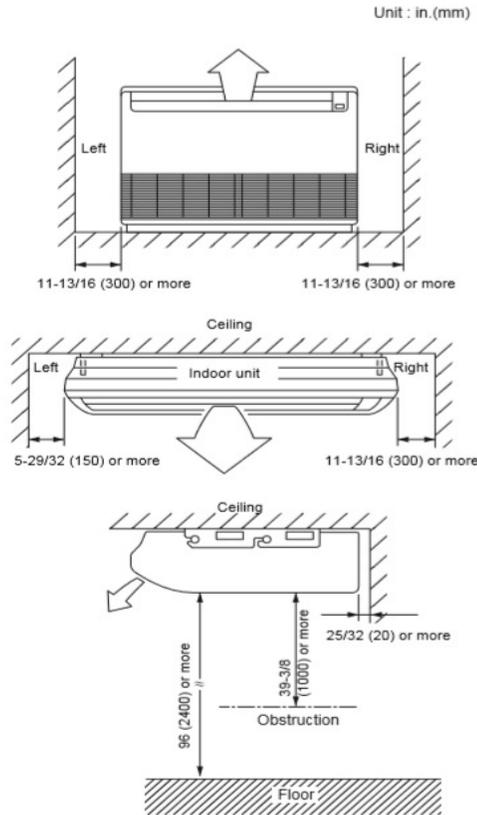
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FAN DATA				ELECTRICAL SPECIFICATIONS				
Indoor Unit Airflow Rate	Cooling	High	CFM (m3/h)	Voltage/Frequency/Phase 208 / 230V				
		Medium		Voltage Range 187 - 253V ~ 60Hz				
		Low		Current				
	Heating	High		A	Cooling	Rated	7.0	
		Medium			Heating	Rated		
		Low			Maximum Operating Current	Cooling		12.5
			Heating	12.5				
Outdoor Unit Airflow Rate		Cooling	Starting Current		9.1			
		Heating	Maximum Circuit Breaker		20			
SOUND PRESSURE				Input Power	Cooling	Rated	kW	
Indoor Unit	Cooling	High	dB (A)		Max	1.61		
		Medium			Heating	Rated		2.88
		Low			Max	2.05		
	Heating	High		OTHER		Moisture Removal	pints/h (L/h)	2.5(5.3)
		Medium		Energy Star		No		
		Low		Drain hose		Material	ABS	
Outdoor Unit		Cooling	Size		in (mm)	Ø31/32(Ø29) (I.D.), Ø1-5/32(Ø25) (O.D.)		
		Heating	Operation Range		Cooling	°F (°C)	0 to 115 (-18 to 46)	
					Heating	°F (°C)	14 to 75 (-10 to 24)	
REFRIGERANT								
Type				R410A				
Charge	lb oz			4lb. 3-1/32oz.				
	kg			1,900				
Oil Type				POE (RB68)				

Mounting Postion:



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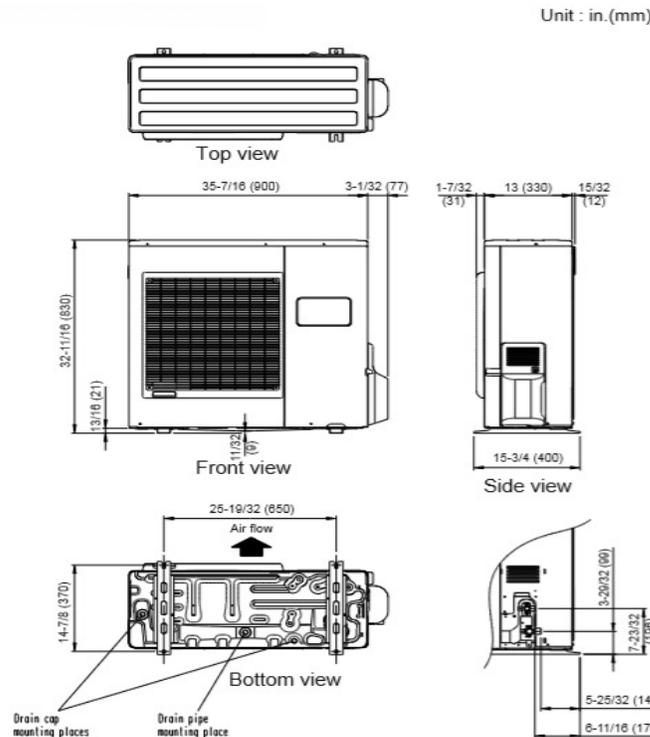
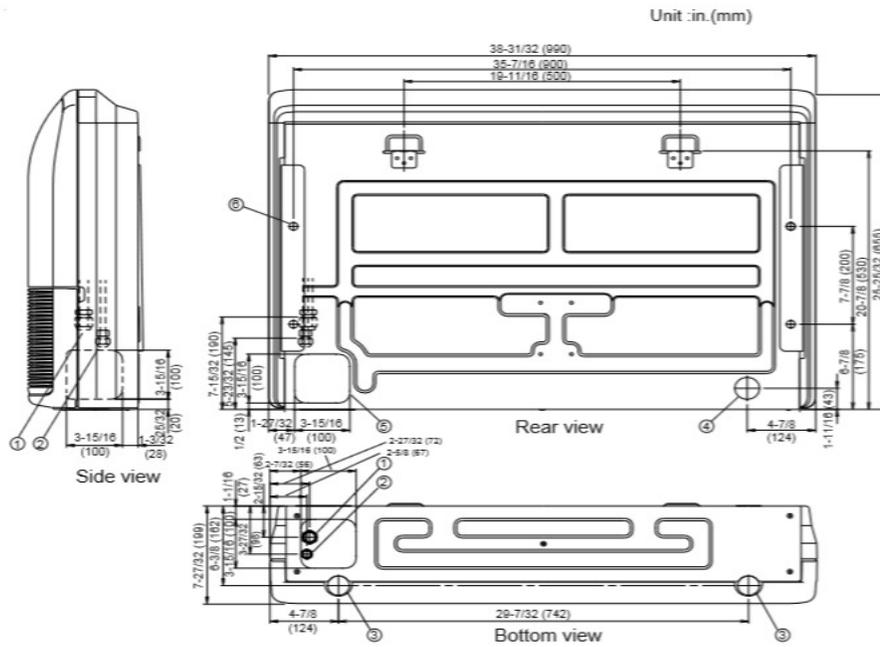
Note: Specifications are based on the following conditions:
 Cooling: Indoor temperature of 80°F (26.7°C) DB/67°F (19.4°C) WB, and outdoor temperature of 95°F (35°C) DB/75°F (23.9°C) WB. Heating: Indoor temperature of 70°F (21.1°C) DB/60°F (15.6°C) WB, and outdoor temperature of 47°F (8.3°C) DB/43°F (6.1°C) WB. Pipe length: 25ft. (7.5m), Height difference: 0ft. (0m) (Outdoor unit - indoor unit).

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DIMENSIONS

Units: In. (mm)



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