

SUBMITTAL 18AFXZJ

Inverter Driven Heat Pump

18,000 BTU Multi Zone System

Job Name		
Location	Date	
Engineer	Approval	
Submitted To	Construction	
Submitted By	Unit No	
Reference	Drawing No	

PRODUCT FEATURES

- Operate as few as one indoor unit or all indoor units
- · Mix & match from 4 indoor unit styles
- Blue-fin condenser coil coating



MODEL NUM	IBERS			
System	System 18AFXZ			18AFXZJ
Outdoor Unit	Outdoor Unit ROMH18AFXZ			ROMH18AFXZJ
Indoor Unit		Non-Ducted	Ducted	Mix
EFFICIENCIES				
SEER		18	16	17
EER		12.5	12.1	12.3
HSPF		9.03	9	9.15
СОР	kW/kW	3.44	3.52	3.48
	Btu/hW	11.7	12.0	11.9
OUTDOOR TEMPERATURE OPERATION RANGE				

COP	kW/kW	3.44	3.52	3.48	
COF	Btu/hW	11.7	12.0	11.9	
OUTDOOR TEMPERA	TURE OPERATION	N RANGE			
Cooling			14 to 115 (-10 to 46)		
Heating	°F(°C)	5 to 75 (-15 t		to 75 (-15 to 24)	
CAPACITIES					
Total Capacity Range			14,000 to 21,000 Btu/h		
Cooling	Rated	BTU/hW		18000	
Cooling	Min.–Max.			6,100-21,000	
Heating	Rated			22000	
пеанну	Min.–Max.			6,800–24,400	
LINESET REQUIREMENTS					
Connection Method		Flare			
Liquid	in (mm)	Ø1/4 (Ø6.35) × 2			

Gas Ø3/8 (Ø9.52) × 2 Pre-Charge Length ft (m) 98 (30) Maximum Length 164 (50) Maximum Length Each 82 (25) Minimum Length Each 16 (5) Max. Height Diff. 49 (15) OUTDOOR DIMENSIONS & WEIGHT Net (H x W x D) in 27-9/16 × 35-7/16 × 13 mm 700 × 900 × 330 Gross (H x W x D) in 34-1/16 × 41-5/16 × 17-1/2 mm 865 × 1,050 × 445 Net Weight 119 (54) Gross Weight 137 (62) SOUND PRESSURE Outdoor Unit dB (A) 49	90.0	in (mm)		2(20.33) 2	
Maximum Length 164 (50) Maximum Length Each 82 (25) Minimum Length 49 (15) Minimum Length Each 16 (5) Max. Height Diff. 49 (15) OUTDOOR DIMENSIONS & WEIGHT Net (H x W x D) in 27-9/16 × 35-7/16 × 13 mm 700 × 900 × 330 Gross (H x W x D) in 34-1/16 × 41-5/16 × 17-1/2 mm 865 × 1,050 × 445 Net Weight 1b (kg) 119 (54) Gross Weight 137 (62) SOUND PRESSURE Outdoor Unit Cooling dB (A)	Gas	- 111 (111111)		Ø3/8 (Ø9.52) × 2	
Maximum Length Each 82 (25) Minimum Length 49 (15) Minimum Length Each 16 (5) Max. Height Diff. 49 (15) OUTDOOR DIMENSIONS & WEIGHT Net (H x W x D) in 27-9/16 × 35-7/16 × 13 mm 700 × 900 × 330 Gross (H x W x D) in 34-1/16 × 41-5/16 × 17-1/2 mm 865 × 1,050 × 445 Net Weight 1b (kg) 119 (54) Gross Weight 137 (62) SOUND PRESSURE Outdoor Unit Cooling dB (A) 49	Pre-Charge Length ft (m)		98 (30)		
Minimum Length 49 (15) Minimum Length Each 16 (5) Max. Height Diff. 49 (15) OOUTDOOR DIMENSIONS & WEIGHT Net (H x W x D) in 27-9/16 × 35-7/16 × 13 mm 700 × 900 × 330 Gross (H x W x D) in 34-1/16 × 41-5/16 × 17-1/2 mm 865 × 1,050 × 445 Net Weight 1b (kg) 119 (54) GOUND PRESSURE Outdoor Unit Cooling dB (A) 49	Maximum Length		164 (50)		
Minimum Length Each 16 (5) Max. Height Diff. 49 (15) OOUTDOOR DIMENSIONS & WEIGHT Net (H x W x D) in 27-9/16 × 35-7/16 × 13 mm 700 × 900 × 330 Gross (H x W x D) in 34-1/16 × 41-5/16 × 17-1/2 mm 865 × 1,050 × 445 Net Weight Ib (kg) 119 (54) SOUND PRESSURE Outdoor Unit Cooling dB (A)	Maximum Length Each			82 (25)	
Max. Height Diff. 49 (15) OOUTDOOR DIMENSIONS & WEIGHT Net (H x W x D) in 27-9/16 × 35-7/16 × 13 mm 700 × 900 × 330 Gross (H x W x D) in 34-1/16 × 41-5/16 × 17-1/2 mm 865 × 1,050 × 445 Net Weight 119 (54) Gross Weight 137 (62) SOUND PRESSURE Outdoor Unit Cooling 49	Minimum Length		49 (15)		
OOUTDOOR DIMENSIONS & WEIGHT Net (H x W x D) in 27-9/16 × 35-7/16 × 13 mm 700 × 900 × 330 Gross (H x W x D) in 34-1/16 × 41-5/16 × 17-1/2 mm 865 × 1,050 × 445 Net Weight 119 (54) Gross Weight 137 (62) SOUND PRESSURE Outdoor Unit Cooling 49	Minimum Length E	ach	16 (5)		
Net (H x W x D) in 27-9/16 × 35-7/16 × 13 mm 700 × 900 × 330 Gross (H x W x D) in 34-1/16 × 41-5/16 × 17-1/2 mm 865 × 1,050 × 445 Net Weight 119 (54) Gross Weight 137 (62) SOUND PRESSURE Outdoor Unit Cooling dB (A) 49	Max. Height Diff.		49 (15)		
mm	OOUTDOOR DIMEN	ISIONS & WEIGHT			
Gross (H x W x D) in 34-1/16 × 41-5/16 × 17-1/2 mm 865 × 1,050 × 445 Net Weight 1b (kg) 119 (54) Gross Weight 137 (62) SOUND PRESSURE Outdoor Unit 49	Net (H x W x D)	in		27-9/16 × 35-7/16 × 13	
mm 865 × 1,050 × 445 Net Weight		mm		700 × 900 × 330	
Net Weight Ib (kg) 119 (54) Gross Weight 137 (62) SOUND PRESSURE Cooling dB (A) 49	Gross (H x W x D)	in	34-1/16 × 41-5/16 × 17-1/2		
Gross Weight 137 (62) SOUND PRESSURE Outdoor Unit Cooling dB (A) 49		mm		865 × 1,050 × 445	
Gross Weight 137 (62) SOUND PRESSURE Outdoor Unit Cooling dB (A) 49	Net Weight Gross Weight		119 (54)		
Outdoor Unit Cooling dB (A) 49			137 (62)		
Ulifdoor Unif	SOUND PRESSURE				
Heating 49	Outdoor Unit	Cooling	dB (A)	49	
	Outuooi Oiiit	Heating		49	

Warranty Information

7 Year Compressor, 5 Year Parts out-of-the-box Warranty

10 Year Compressor, 10 Year Parts Warranty when registered within 30 days of installation in a residence

FAN DATA			
Outdoor Unit	Cooling	CFM (m3/h)	1,795 (3,050)
Airflow Rate	Heating	CFINI (III3/II)	1,619 (2,750)
CONNECTABLE I	NDOOR UNIT		
			Slim Duct (RID)
TYPE			Wall Mount (RIW)
IIIFL			Compact Cassette (RIC)
			Floor Mount (RIF)
NUMBER			2



Outdoor Unit ETL 91987

Effective Date: 7/11/2019 Version 18AFXZJ -2019A Due to continuous product improvements, specifications are subject to change without notice.



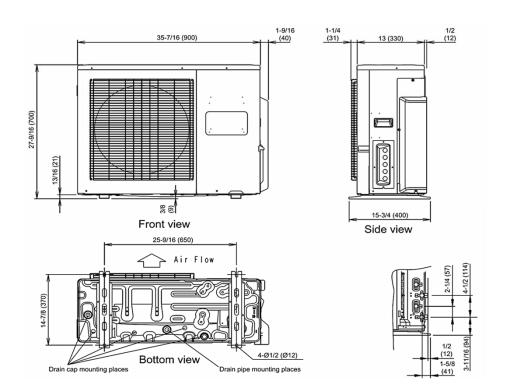


Inverter Driven Heat Pump

18,000 BTU Multi Zone System

REFRIGERANT				
Туре				R410A
Charge	lb oz			4 lb 14 oz
Charge	g			2200
Oil Type				POE
ELECTRICAL SPECIF	ICATIONS	Non-Ducted	Ducted	Mix
Voltage/Frequency/F	Phase		1Ø	208/230 V 60 Hz
Voltage Range				187–264V
Rated Current (A)	Cooling	6.3	6.6	6.4
Nated Cullent (A)	Heating	8.2	8	8.1
Maximum Operating	Maximum Operating Current			10
Starting Current		A	8.2	
MCA			13	
Maximum Circuit Breaker			15	
Rated Input Power	Cooling	1.44	1.49	1.46
(kW)	Heating	1.87	1.83	1.84
Max. Input Power	Cooling	2.06	2.14	2.1
(kW)	Heating	2.1	2.08	2.09

DIMENSIONS: Units: In. (mm)





Rheem 110030328 Albernathy Road N.E. Suite 1700 Atlanta, GA Toll Free: (770) 351-3000