

Inverter Driven Heat Pump

36,000 BTU Multi Zone System

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

Date _____
 Approval _____
 Construction _____
 Unit No _____
 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 NUMBERS

Outdoor Unit	AOU36RLXFZ1
System	36RLXFZ1

EFFICIENCIES

Indoor Unit Type	Non - Ducted	Ducted	Mix
SEER	18	16	17
SEER2	19	17	18
EER	10	9	9.5
EER2	10	9	9.5
HSPF	9.4	8.7	9.1
HSPF2	9	8.2	8.6
COP	3.6	3.3	3.4
COP	Btu/hW 12.1	11.3	11.7
COP2	3.56	3.32	3.44
COP2	Btu/hW 12.1	11.3	11.7

OUTDOOR TEMPERATURE OPERATION RANGE

Cooling	*F(°C)	14 to 115 (-10 to 46)
Heating		5 to 75 (-15 to 24)

CAPACITIES

Total Capacity Range			27,000 - 39,000
Cooling	Rated	Btu/h	35,200
	Min.-Max.		11,000 - 38,000
Heating	Rated		36,400
	Min.-Max.		11,000 - 42,000

LINESET REQUIREMENTS

Connection Method		Flare	
Liquid	in (mm)	Ø1/4 (Ø6.35) × 4	
Gas		Ø3/8 (Ø9.52) × 3 + Ø1/2 (Ø12.7) × 1	
Pre-charge length (Total)		ft (m)	164 (50)**
Max. length (Total)			230 (70)
Max. length (Each)			82 (25)
Min. length (Total)			66 (20)
Min. length (Each)			16 (5)
Max. height difference			49 (15)
Max. height difference between indoor units		33 (10)	

OUTDOOR DIMENSIONS & WEIGHT

Net (H x W x D)	in (mm)	32-11/16 × 35-7/16 × 13 (830 × 900 × 330)
Gross (H x W x D)		39-3/8 × 41-5/16 × 17-1/2 (1,000 × 1,050 × 445)
Net Weight	lb (kg)	150 (68)
Gross Weight		168 (76)

Warranty Information



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



10 Year Compressor, 10 Year Parts Warranty when registered within 60 days of installation in a residence



12 Year Compressor, 12 Year Parts Warranty when registered within 60 days of installation in a residence, and installed by a Fujitsu Elite contractor

SOUND PRESSURE

Outdoor Unit	Cooling	Heating	dB (A)
			53
			55

FAN DATA

Outdoor Unit	Cooling	Heating	CFM (m3/h)
Airflow rate			2,119 (3,600)
			2,119 (3,600)

ELECTRICAL SPECIFICATIONS

Indoor Unit Type	Non - Ducted	Ducted	Mix
Voltage/Frequency/Phase	1Ø 208/230 V 60 Hz		
Available Voltage Range	187-264V		
Current	Cooling	15.4	17.1
	Heating	13.1	14.1
Maximum Operating Current	20.3		
Starting current	17.1		
MCA	24.6		
Maximum Circuit Breaker	30		
Rated Input Power	Cooling	3.52	3.92
	Heating	3	3.22
Max. Input Power	Cooling	4.1	1.38
	Heating	3.7	3.85

Note: When AOU36RLXFZ1 is paired with two 18,000-Btu indoor units, you have to purchase optional part K9FZ1818 (UTP-MU36A2) kit. [Its pre-charge length is 66 ft (20 m)].

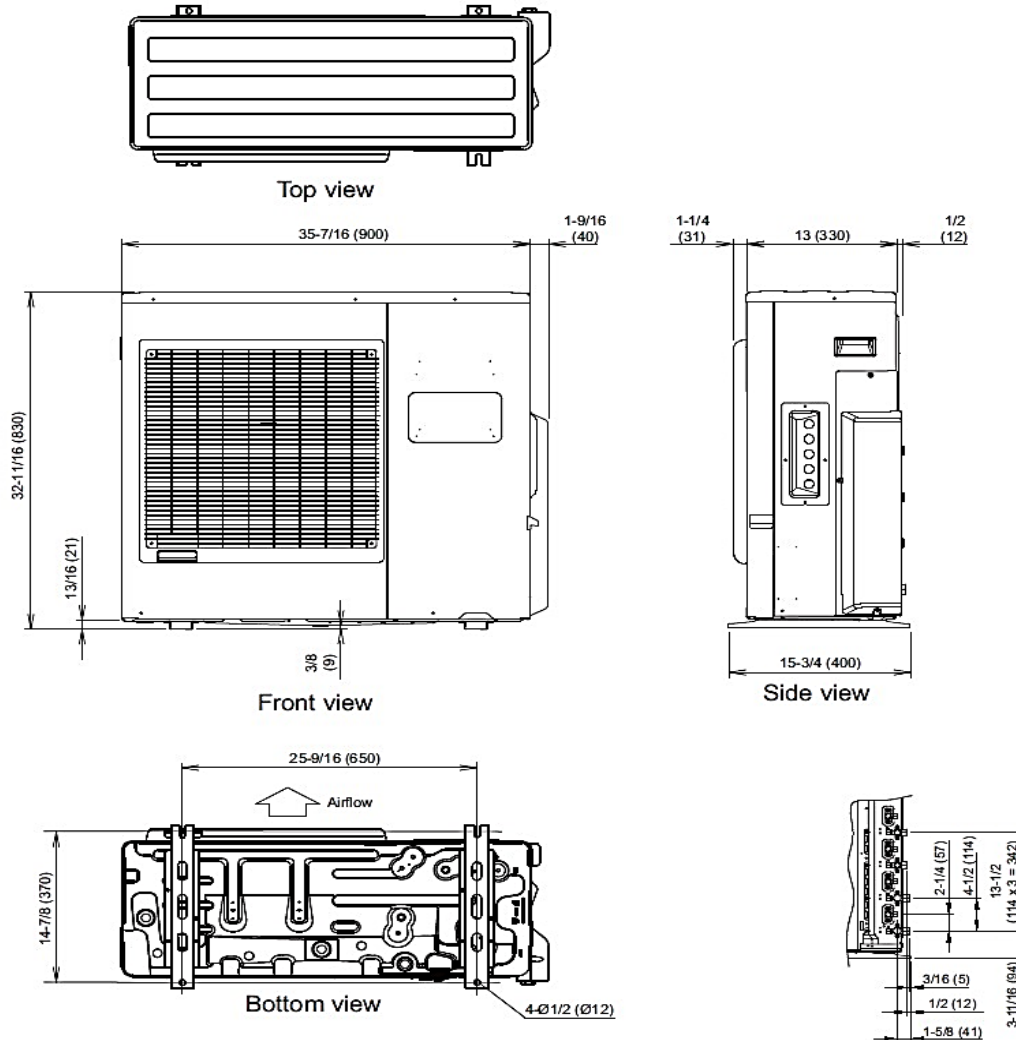
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Effective Date: 1/10/2023

CONNECTABLE INDOOR UNITS

TYPE	Slim Duct (ADUH)
	Wall Mount (ASU/ASUH)
	Compact Cassette (ACUH)
	Floor Mount (AGU)
NUMBER	2 to 4
DIMENSIONS:	

Units: In. (mm)



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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).