

## 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
HSPF 2 (IV) / HSPF 2 (V)	9/6.7	8.2/6.4	8.6/6.5
COP	kW/kW 3.6	3.3	3.4
COP	Btu/hW 12.1	11.3	11.7
COP2	kW/kW 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)		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	15.9
	Heating	13.1	14.1	13.6
Maximum Operating Current			A	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)].

Due to continuous product improvements, specifications are subject to change without notice. Please log in to the Fujitsu Portal for the most up-to-date documentation <https://connect.fujitsugeneral.com>

Effective Date: 1/10/2023

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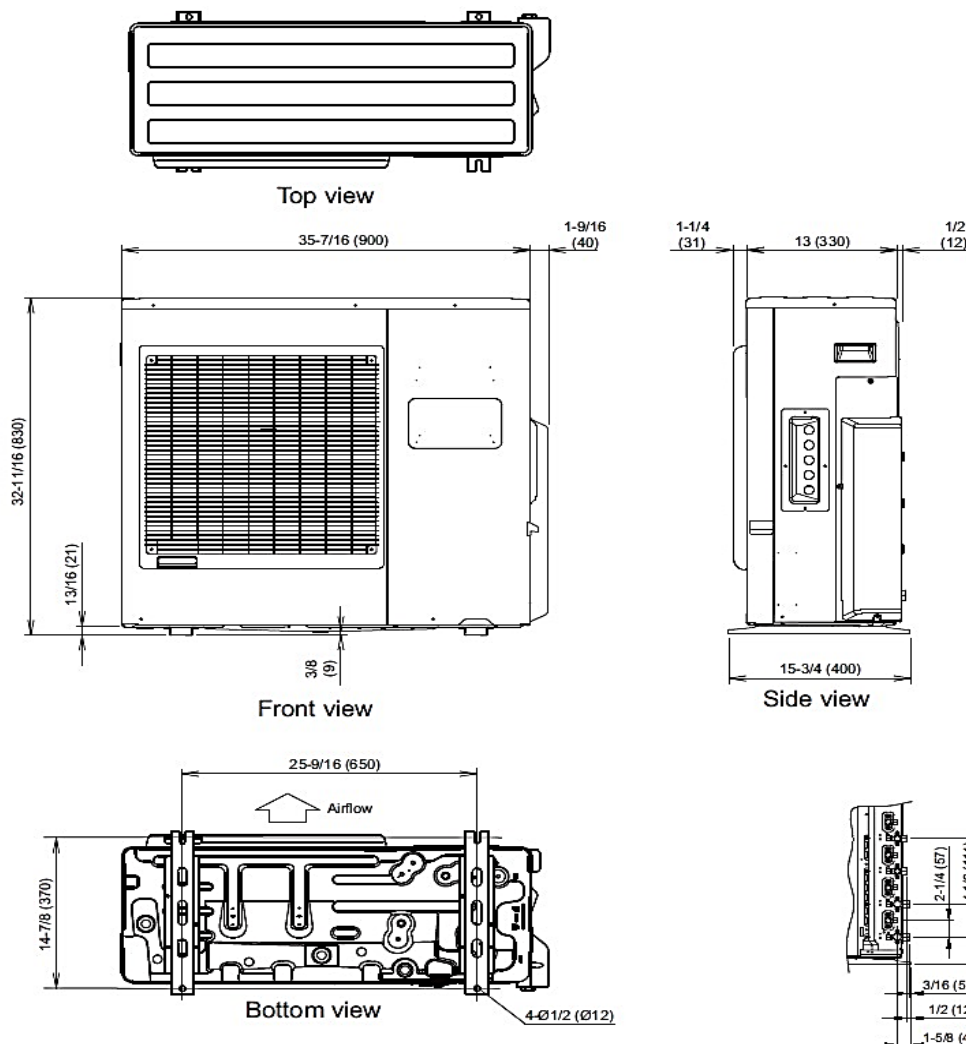
### CONNECTABLE INDOOR UNITS

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

### REFRIGERANT

Type	R410A	
Charge	lb oz	7 lb 1 oz
	g	3,200
Oil Type	RB68	

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).