

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		Btu/h	
Cooling	Rated		27,000 - 39,000
	Min.-Max.		35,200
Heating	Rated		11,000 - 38,000
	Min.-Max.		36,400
			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				
Starting current	A			
MCA				
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)].

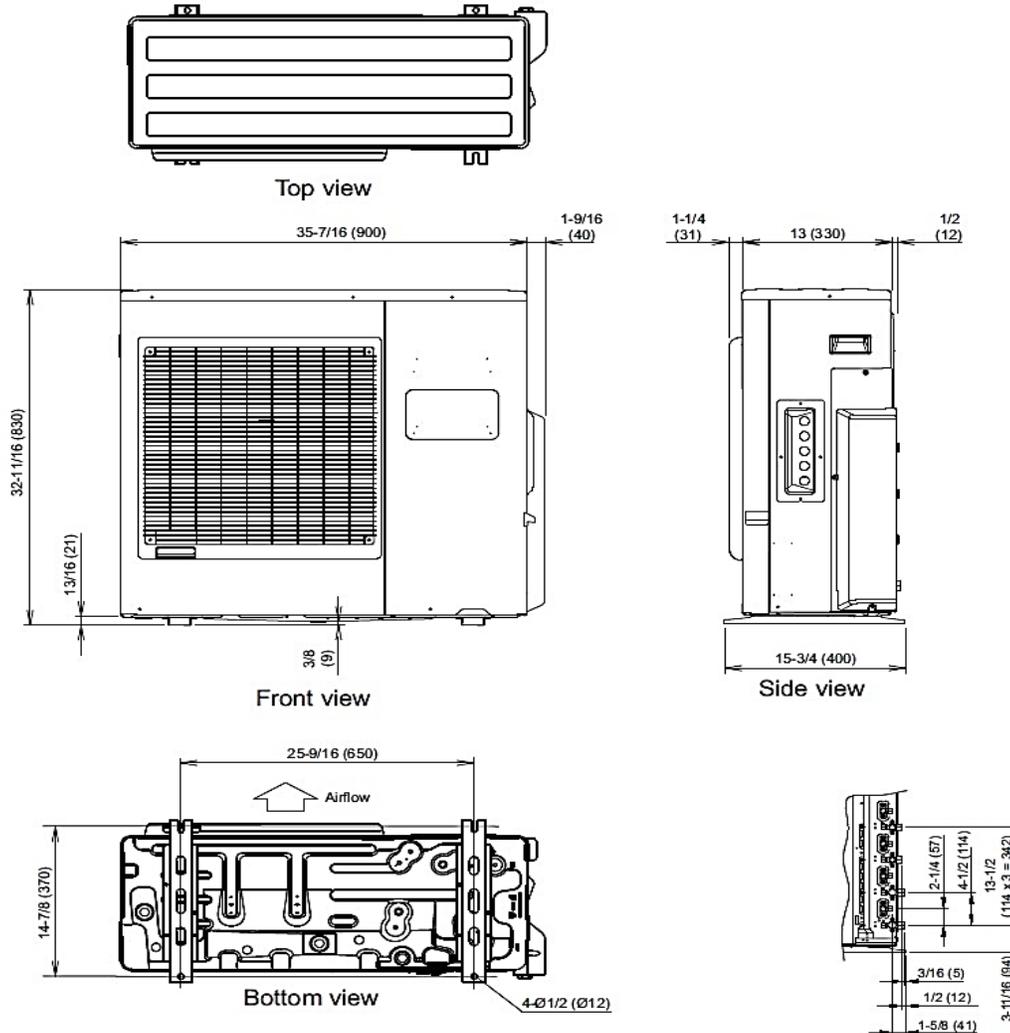
Due to continuous product improvements, specifications are subject to change without notice. Please log in to the Fujitsu Portal for the most up-to-date documentation <https://connect.fujitsugeneral.com>

Effective Date: 1/10/2023

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).