

Inverter Driven Heat Pump

36,000 BTU Multi Zone XLTH 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	AOU36RLXFZH
System	36RLXFZH

**EFFICIENCIES**

Indoor Unit Type	Non - Ducted	Ducted	Mix
SEER	20	18	19
SEER2	20.5	18	19.3
EER	13	12	12.5
EER2	13	12	12.5
HSPF	10.3	9.3	9.8
HSPF2	9.5	8.7	9.1
COP	Btu/hW 4.0	3.9	3.9
COP	kW/kW 13.6	13.2	13.4
COP2	Btu/hW 4	3.88	3.94
COP2	kW/kW 13.6	13.2	13.4

**OUTDOOR TEMPERATURE OPERATION RANGE**

Cooling	*F(°C)	14 to 115 (-10 to 46)
Heating		-15 to 75 (-26 to 24)

**CAPACITIES**

Total Capacity Range			27,000 to 39,000
Cooling	Rated	Btu/h	25,200
	Min.-Max.		12,000-39,000
Heating	Rated		36,400
	Min.-Max.		12,000-42,000

**LINESET REQUIREMENTS**

Connection Method		Flare	
Liquid	in (mm)	Ø1/4 (Ø6.35) × 4	
Gas		Ø3/8 (Ø9.52) × 3 + Ø1/2 (Ø12.70) × 1	
Pre-charge length (Total)		ft (m)	164 (50)
Max. length (Total)			230 (70)
Max. length (Each)			82 (25)
Min. length (Total)			49 (15)
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)	39-5/16 × 38-3/16 × 14-9/16 (998 × 970 × 370)
Gross (H x W x D)		45-3/4 × 45-1/4 × 18-13/16 (1,162 × 1,150 × 478)
Net Weight	lb (kg)	205 (93)
Gross Weight		229 (104)

**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			2,472 (4,200)	2,472 (4,200)

**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	11.9	12.9	12.4
	Heating	11.8	12.1	11.8
Maximum Operating Current	26			
Starting current	12.9			
MCA	31.5			
Maximum Circuit Breaker	40			
Rated Input Power	Cooling	2.7	2.93	-
	Heating	2.67	2.74	2.7
Max. Input Power	Cooling	3.47	3.53	-
	Heating	3.29	3.35	3.32

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>

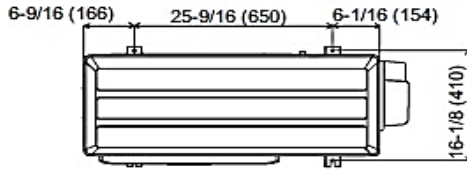
Effective Date: 1/10/2023

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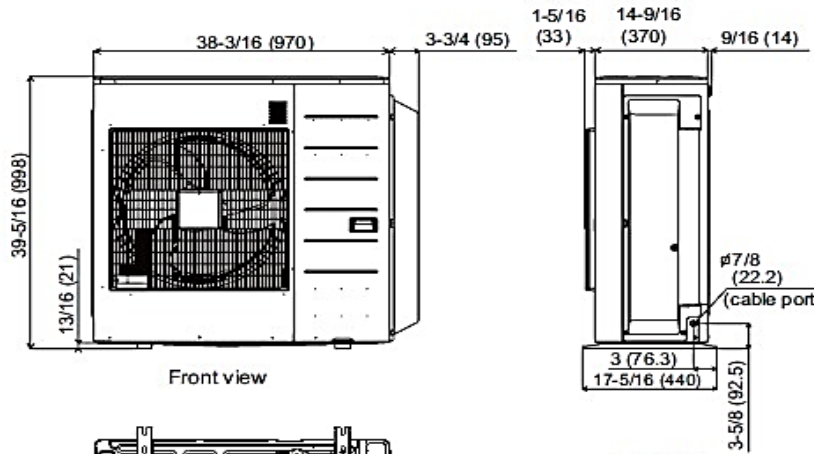
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CONNECTABLE INDOOR UNITS	
TYPE	Slim Duct (ADUH)
	Wall Mount (ASU/ASUH)
	Compact Cassette (ACUH)
	Gloor Mount (AGU)
NUMBER	2 to 4
DIMENSIONS:	

Units: In. (mm)

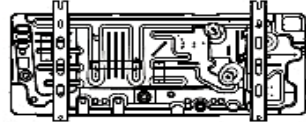


Top view

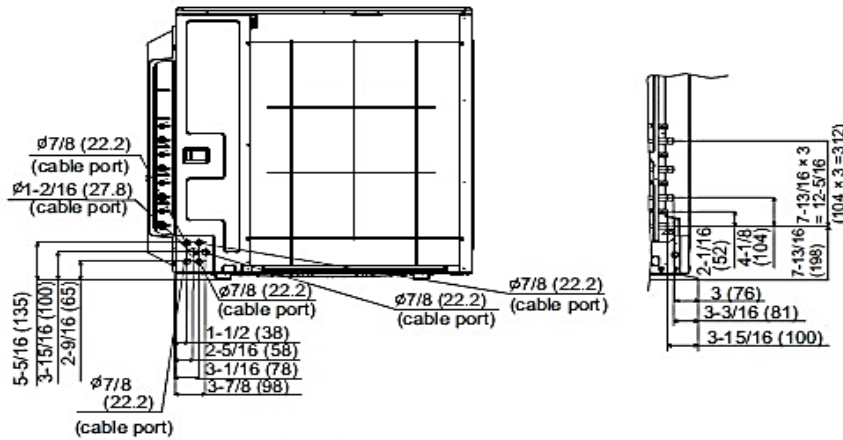


Front view

Side view



Bottom view



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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).