

Inverter Driven Heat Pump

24,000 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	AOU24RLXFZH		
System	24RLXFZH		
EFFICIENCIES			
Indoor Unit Type	Non - Ducted	Ducted	Mix
SEER	20	18	19
SEER2	20	17.8	18.9
EER	13.3	12.1	12.7
EER2	13.3	12.1	12.7
HSPF	10.3	9.0	9.7
HSPF 2 (IV) / HSPF 2 (V)	10/8.1	9.2/7.9	9.6/8
COP	kw/kw	4.04	3.87
COP	Btu/hW	13.8	13.2
COP2	kw/kw	4.01	3.88
COP2	Btu/hW	13.7	13.2
OUTDOOR TEMPERATURE OPERATION RANGE			
Cooling	*F(*C)	14 to 115 (-10 to 46)	
Heating*		*-15 to 75 (-26 to 24)	
CAPACITIES			
Total Capacity Range			14,000 to 27,000
Cooling	Rated	Btu/h	22,000
	Min.-Max.		6,100 - 27,000
Heating	Rated		25,000
	Min.-Max.		6,800-29,800
LINESET REQUIREMENTS			
Connection Method	Flare		
Liquid	in (mm)	Ø1¼ (Ø6.35) × 3	
Gas		Ø3/8 (Ø9.52) × 2 + Ø1/2 (Ø12.7) × 1	
Pre-charge length (Total)		ft (m)	98 (30)
Max. length (Total)			229 (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)	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)	146 (66)	
Gross Weight		163 (74)	

\* System continues to operate below rated outdoor operation temperature range, subject to varying conditions. System has no low temperature cut out. Capacity is not tested outside of the rated temperature range.

**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)
			50
			52

**FAN DATA**

Outdoor Unit	Cooling	Heating	CFM (m3/h)
Airflow rate			1,942 (3,300)
			1,942 (3,300)

**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	7.2	7.9
	Heating	7.9	8.3
Maximum Operating Current	20.8		
Starting current	8.3		
MCA	A		
Maximum Circuit Breaker	30		
Rated Input Power	Cooling	1.65	1.81
	Heating	1.81	1.89
Max. Input Power	Cooling	2.2	2.29
	Heating	2.85	2.93

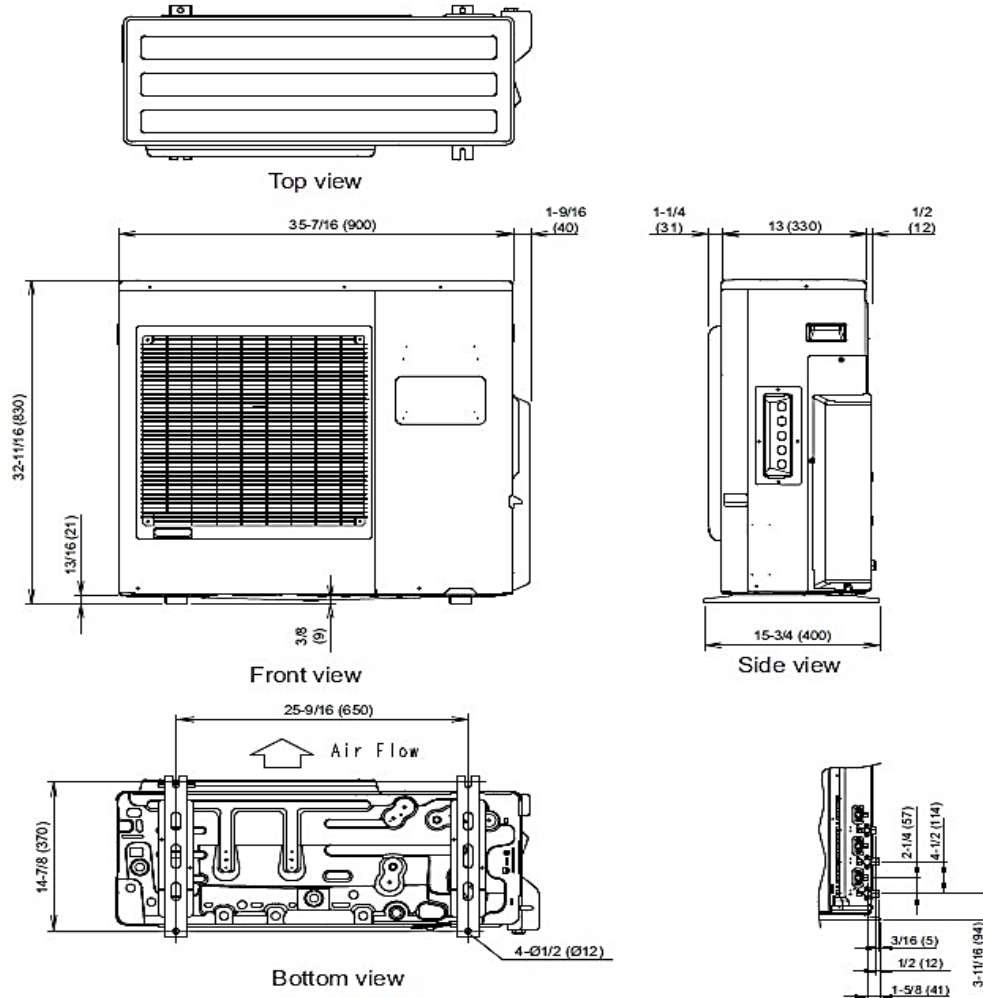
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Effective Date: 05/07/2024

CONNECTABLE INDOOR UNITS

TYPE	Slim Duct (ADUH)
	Wall Mount (ASU/ASUH)
	Compact Cassette (ACUH)
	Floor Mount (AGU)
NUMBER	2 to 3
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).