

## Inverter Driven Heat Pump

45,000 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			AOU45RLXFZ		
System			45RLXFZ		
EFFICIENCIES					
Indoor Unit Type		Non - Ducted	Ducted	Mix	
SEER		19.7	17.7	18.7	
SEER2		20	18.2	19.1	
EER		10.5	9.8	10.2	
EER2		10.5	9.8	10.2	
HSPF		10.3	9.3	9.8	
HSPF 2 (IV) / HSPF 2 (V)		9.2/7.1	8.3/6.6	8.8/6.8	
COP	kW/kW	3.60	3.46	3.53	
COP	Btu/hW	12.3	11.8	12.0	
COP2	kW/kW	3.6	3.46	3.53	
COP2	Btu/hW	12.3	11.8	12.0	
OUTDOOR TEMPERATURE OPERATION RANGE					
Cooling	*F(*C)	14 to 115 (-10 to 46)			
Heating		5 to 75 (-15 to 24)			
CAPACITIES					
Total Capacity Range			34,000 to 54,000		
Cooling	Rated	Btu/h	45,000		
	Min.—Max.		12,000—48,000		
Heating	Rated		48,000		
	Min.—Max.		12,000—54,000		
LINESET REQUIREMENTS					
Connection Method			Flare		
Liquid	in (mm)	Ø1/4 (Ø6.35) x 5			
Gas		Ø3/8 (Ø9.52) x 3 + Ø1/2 (Ø12.70) x 2			
Pre-charge length (Total)			ft (m)	164 (50)	
Max. length (Total)				262 (80)	
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 x 38-3/16 x 14-9/16 (998 x 970 x 370)		
Gross (H x W x D)			45-3/4 x 45-1/4 x 18-13/16 (1,162 x 1,150 x 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	dB (A)	53
	Heating		55

### FAN DATA

Outdoor Unit	Cooling	CFM (m3/h)	2,472 (4,200)
Airflow rate	Heating		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	18.8	20.1
	Heating	17	17
Maximum Operating Current	23.8		
Starting current	20.1		
MCA	28.9		
Maximum Circuit Breaker	30		
Rated Input Power	Cooling	4.28	4.59
	Heating	3.88	3.89
Max. Input Power	Cooling	4.77	4.86
	Heating	4.32	4.41

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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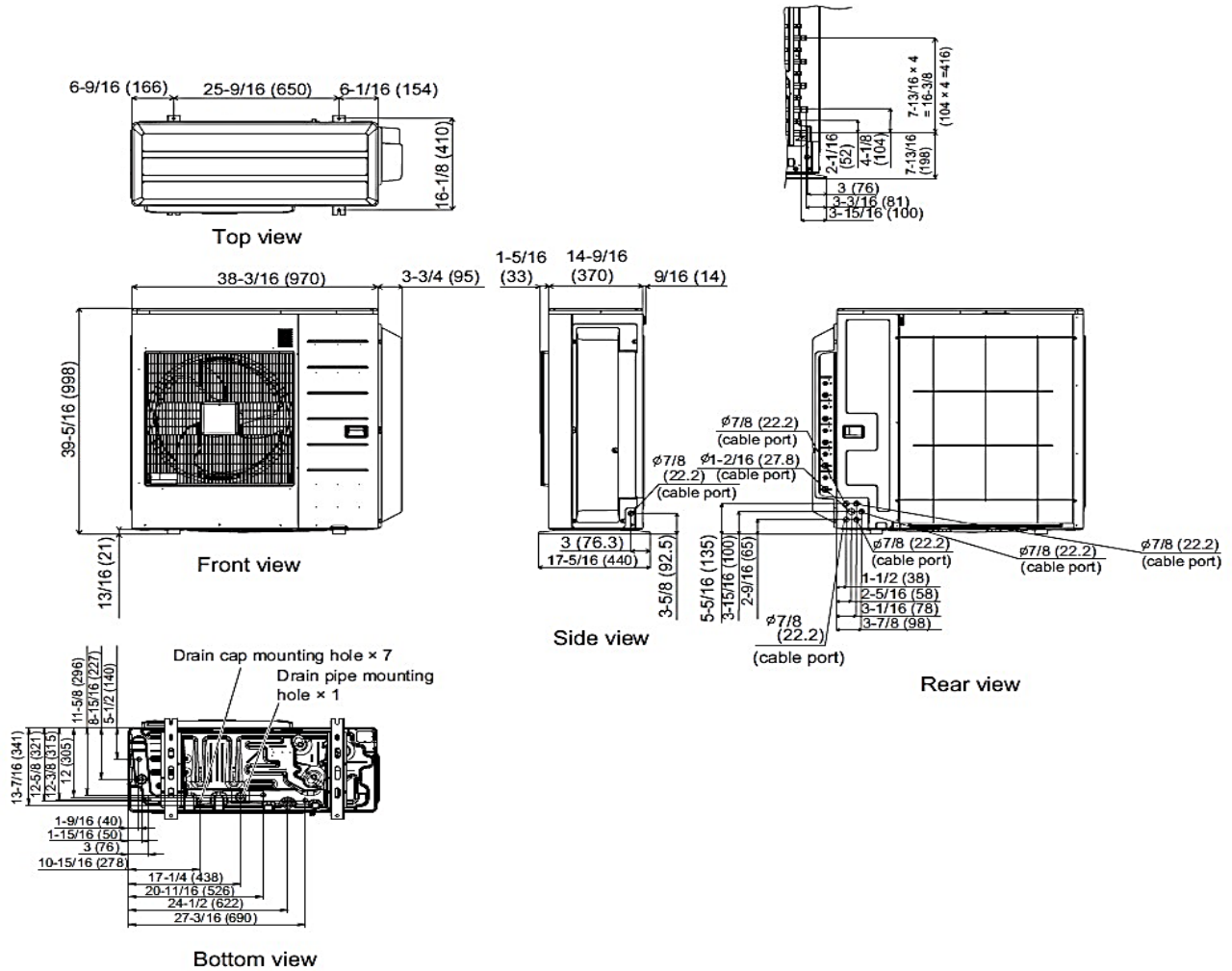
## CONNECTABLE INDOOR UNITS

TYPE	Slim Duct (ADUH)
	Wall Mount (ASU/ASUH)
	Compact Cassette (ACUH)
	Floor Mount (AGU)
NUMBER	2 to 5
DIMENSIONS:	

## REFRIGERANT

Type	R410A	
Charge	lb oz	8 lb 13 oz
	g	4,000
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).