

## Inverter Driven Heat Pump

## 18,000 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			AOU18RLXFZH	
System			18RLXFZH	
EFFICIENCIES				
Indoor Unit Type		Non - Ducted	Ducted	Mix
SEER		21.5	19	20.3
SEER2		21.5	19	20.25
EER		13.5	12.4	13
EER2		13.5	12.4	13
HSPF		10.3	9	9.7
HSPF 2 (IV) / HSPF 2 (V)		9.6/8	9/7.7	9.3/7.8
COP	kW/kW	3.80	3.60	3.70
COP	Btu/hW	13.0	12.3	12.6
COP2	kW/kW	3.8	3.6	37
COP2	Btu/hW	13.0	12.3	126.2
OUTDOOR TEMPERATURE OPERATION RANGE				
Cooling	*F(°C)	14 to 115 (-10 to 46)		
Heating		-15 to 75 (-26 to 24)		
CAPACITIES				
Total Capacity Range		Btu/h	14,000 to 21,000	
Cooling	Rated		18,000	
	Min.—Max.		6,100—21,000	
Heating	Rated		22,000	
	Min.—Max.		6,800—24,400	
LINESET REQUIREMENTS				
Connection Method			Flare	
Liquid	in (mm)	Ø1/4 (Ø6.35) × 2		
Gas		Ø3/8 (Ø9.52) × 2		
Pre-charge length (Total)			ft (m)	98 (30)
Max. length (Total)				164 (50)
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 x 35-7/16 x 13 (830 x 900 x 330)	
Gross (H x W x D)			39-3/8 x 41-5/16 x 17-1/2 (1,000 x 1,050 x 445)	
Net Weight		lb (kg)	134 (61)	
Gross Weight			152 (69)	

### 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)	48
	Heating		50

### FAN DATA

Outdoor Unit	Cooling	CFM (m3/h)	1,648 (2,800)
Airflow rate	Heating		1,648 (2,800)

### 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	5.8	6.4
	Heating	7.5	7.9
Maximum Operating Current	16.4		
Starting current	7.9		
MCA	19.7		
Maximum Circuit Breaker	20		
Rated Input Power	Cooling	1.33	1.45
	Heating	1.7	1.79
Max. Input Power	Cooling	19.95	2.01
	Heating	2.02	2.08

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

Fujitsu General America, Inc. • 340 Changebridge Rd, Pine Brook, NJ 07058 • Toll Free: (888) 888-3424 • [www.fujitsugeneral.com](http://www.fujitsugeneral.com)

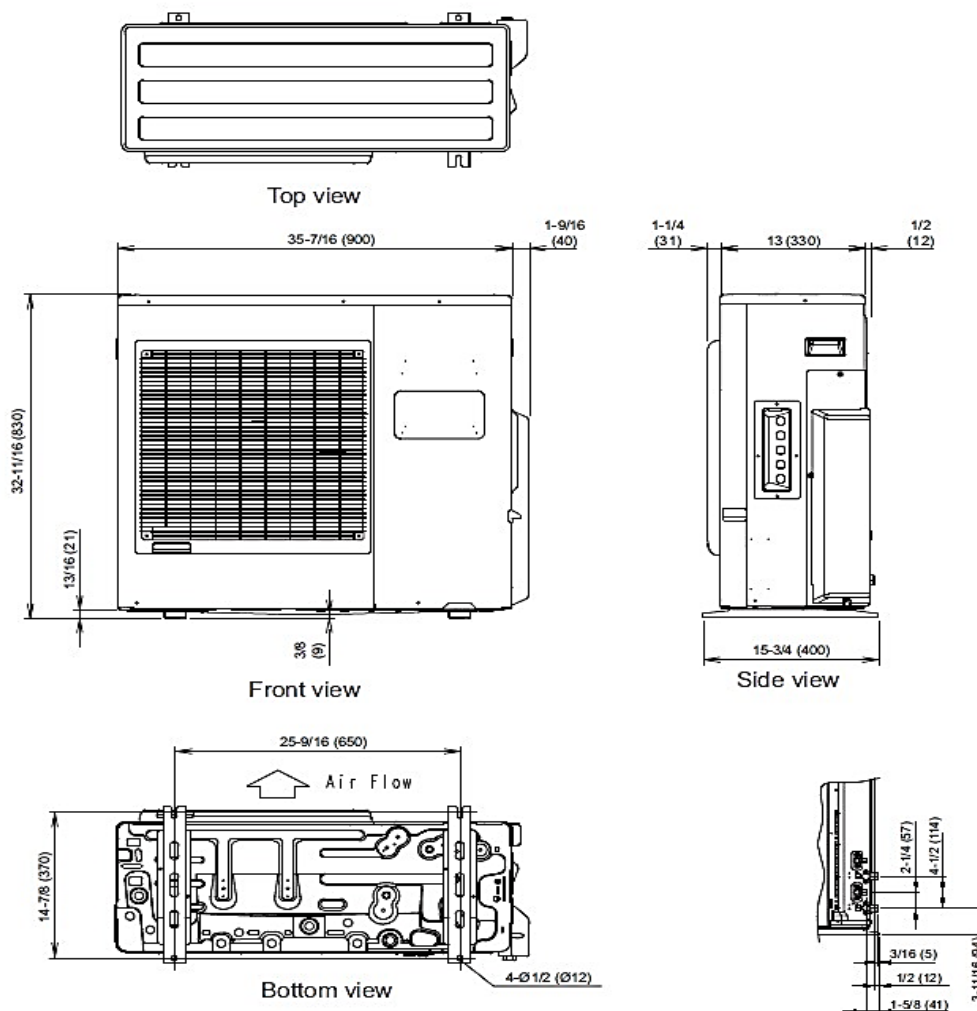
### CONNECTABLE INDOOR UNITS

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

### REFRIGERANT

Type	R410A	
Charge	lb oz	4 lb 14 oz
	g	2,200
Oil Type	RB68	

Units: In. (mm)



The Fujitsu logo is a worldwide trademark of Fujitsu General Limited. The Airstage logo and name is a worldwide trademark of Fujitsu General Limited and is a registered trademark in Japan, the USA and other countries or areas. Copyright 2022 Fujitsu General America, Inc. Fujitsu's products are subject to continuous improvements. Fujitsu reserves the right to modify product design, specifications and information in this brochure without notice and without incurring any obligations.

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).