

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
HSPF 2 (IV) / HSPF 2 (V)	9.5/7.7	8.7/7.4	9.1/7.5
COP	kW/kW 4.0	3.9	3.9
COP	Btu/hW 13.6	13.2	13.4
COP2	kW/kW 4	3.88	3.94
COP2	Btu/hW 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)		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)

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

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: 05/07/2024

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Units: In. (mm)