

Inverter Driven Heat Pump

9,000 BTU Single Zone Wall Mounted System

Job Name _____
 Location _____
 Engineer _____
 Submitted To _____
 Submitted By _____
 Reference _____

Date _____
 Approval _____
 Construction _____
 Unit No _____
 Drawing No _____

PRODUCT FEATURES

- Auto Changeover
- 24 hr. Timer
- Auto Louver: Up/Down
- Minimum Heat Mode
- Wireless Remote Control Included
- 2-Wire control Compatible
- 2 Communication (UART) Ports
- BACnet Compatible
- Modbus Compatible



MODEL NUMBERS

Indoor Unit	ASUH09LMAS
Outdoor Unit	AOUH09LMAS1
System	09LMAS1

EFFICIENCIES

SEER	26.5	
EER	14.3	
HSPF	13	
COP	kW/KW	4.19
	BTU/hW	14.30

OUTDOOR TEMPERATURE OPERATION RANGE

Cooling	*F(°C)	14 - 115 (-10 - 46)
Heating		5 - 75 (-15 - 24)

CAPACITIES

Cooling	Rated	BTU/hW	9,000
	Min.-Max.		3,400 - 10,900
Heating	Rated		12,000
	Min.-Max.		2,800 - 15,000

LINESET REQUIREMENTS

Connection Method		Flare
Liquid	in (mm)	Ø 1/4 (Ø 6.35)
		Ø 3/8 (Ø 9.52)
Pre-Charge Length	ft (m)	49 (15)
Minimum Length		10(3)
Maximum Length		66 (20)
Max. Height Diff.		49 (15)

INDOOR DIMENSIONS & WEIGHT

Net (H x W x D)	in	10-5/8 x 32-13/16 x 8-3/4
	mm	270 x 834 x 222
Gross (H x W x D)	in	10-7/8 x 36 x 13-1/16
	mm	277 x 914 x 332
Net Weight	lb (kg)	22(10)
Gross Weight		29(13)

OUTDOOR DIMENSIONS & WEIGHT

Net (H x W x D)	in	21-5/16 x 31-7/16 x 11-7/16
	mm	542 x 799 x 290
Gross (H x W x D)	in	23-11/16 x 37 x 14-3/4
	mm	602 x 940 x 375
Net Weight	lb (kg)	68(31)
Gross Weight		75 (34)



Effective Date: 3/24/2022

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

ACCESSORIES

UTY-RNRUZ Series	Wired Remote Controller (Touch Panel)
UTY-RSRY	Simple Remote Control
UTY-RHRY	Simple Remote Control (Hospitality)
UTY-XWZXZ5	Dry Contact Wire Kit
UTY-TTRXZ1	24V Thermostat Interface
UTY-TWRXZ2	Communication Kit
UTY-TFSXF1	Wireless LAN Adapter
UTY-VMSX	Modbus Converter
FJ-AC-BAC-1L	Bacnet Gateway



This system combination is Energy Star qualified



+App available in Apple® App Store and Google® Play Store.



Due to continuous product improvements, specifications are subject to change without notice. Please log in to the Fujitsu Connect site for the most up-to-date documentation <https://connect.fujitsugeneral.com>

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FAN DATA

Indoor Unit Airflow Rate	Cooling	High	CFM (m3/h)	453(770)
		Medium		353(600)
		Low		265(450)
		Quiet		147(250)
	Heating	High	CFM (m3/h)	453(770)
		Medium		377(640)
		Low		306(520)
		Quiet		182(310)
Outdoor Unit Airflow Rate	Cooling			954 (1,620)
	Heating			954 (1,620)

SOUND PRESSURE

Indoor Unit	Cooling	High	dB (A)	43
		Medium		36
		Low		30
		Quiet		19
	Heating	High	dB (A)	43
		Medium		38
		Low		33
		Quiet		21
Outdoor Unit	Cooling			46
	Heating			48

REFRIGERANT

Type	R410A		
Charge	lb oz	2 lb 2 oz	
	kg	0.950	
Oil Type	RB68A		

ELECTRICAL SPECIFICATIONS

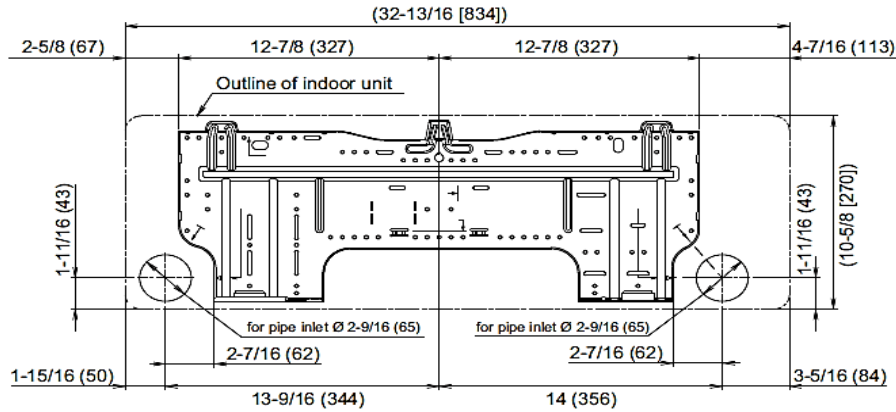
Voltage/Frequency/Phase		208/230 V / 1Ø / 60Hz	
Voltage Range		187-253V-60HZ	
Current	Cooling	Rated	3.1
	Heating	Rated	4
Maximum Operating Current	Cooling	A	6.4
	Heating		7.9
Starting Current			4
MCA			9.7
Maximum Circuit Breaker			15
Input Power	Cooling	Rated Min.-Max.	kW
	Heating	Rated Min.-Max.	
Power Factor	Cooling		%
	Heating		

OTHER

Moisture Removal	pints/h (L/h)	2.7 (1.3)	
Energy Star		Yes	
Drain hose	Material	PP+LLDPE	
Size	in (mm)	Ø17/32 (Ø 13.8) (I.D.), Ø5/8 to 21/32 (Ø 15.8 to 16.7) (O.D.)	
Operation Range	Cooling	°F (°C)	64 to 90 (18 to 32)
		%RH	80 or less
	Heating	°F (°C)	60 to 86 (16 to 30)

Wall Bracket Data:

Units: In. (mm)



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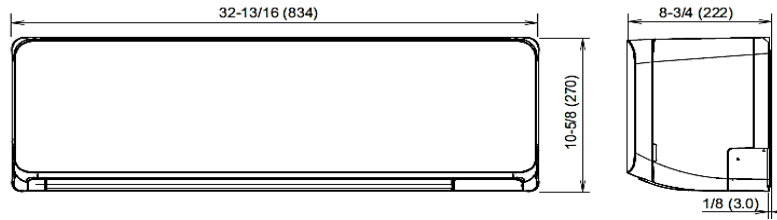
Note: Specifications are based on the following conditions:
 Cooling: Indoor temperature of 80°F (26.7°C) DB/67°F (19.4°C) WB, and outdoor temperature of 95°F (35°C) DB/75°F (23.9°C) WB. Heating: Indoor temperature of 70°F (21.1°C) DB/60°F (15.6°C) WB, and outdoor temperature of 47°F (8.3°C) DB/43°F (6.1°C) WB. Pipe length: 25ft. (7.5m), Height difference: 0ft. (0m) (Outdoor unit - indoor unit).

Inverter Driven Heat Pump

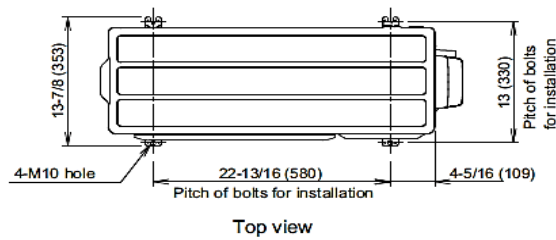
9,000 BTU Single Zone Wall Mounted System

DIMENSIONS

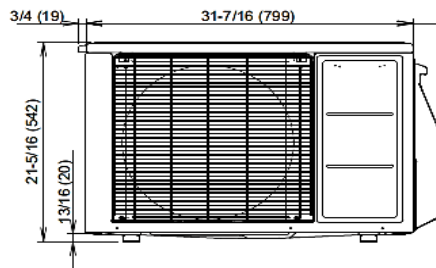
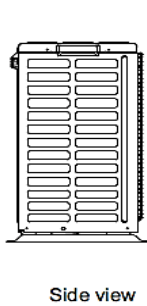
Units: In. (mm)



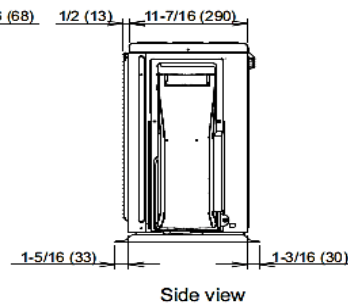
Outdoor Unit:



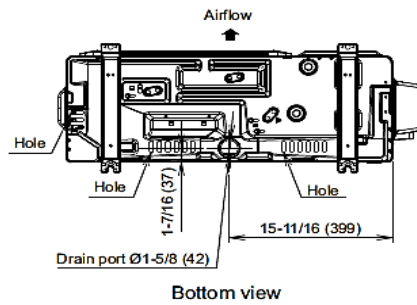
Top view



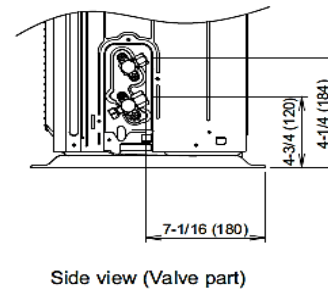
Front view



Side view



Bottom view



Side view (Valve part)

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