

Inverter Driven Heat Pump

9,000 BTU Single Zone High SEER 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
- Auto Restart
- Economy Mode
- Auto Fan Mode



Heating down to -15°F outdoor temperatures

MODEL NUMBERS

Indoor Unit	ASUH09LMAS
Outdoor Unit	AOUH09LMAH1
System	09LMAH1

EFFICIENCIES

SEER	26.5	
EER	15.4	
HSPF	13	
COP	kW/KW	4.45
	BTU/hW	15.20

OUTDOOR TEMPERATURE OPERATION RANGE

Cooling	°F(°C)	14 to 115 (-10 to 46)
Heating		-15 to 75 (-26 to 24)

CAPACITIES

Cooling	Rated	BTU/hW	9,000
	Min.—Max.		3,400—11,500
Heating	Rated		12,000
	Min.—Max.		2,800—16,000

LINESET REQUIREMENTS

Connection Method		Flare
Liquid	in (mm)	Ø 1/4 (Ø 6.35)
Gas		Ø 3/8 (Ø 9.52)
Pre-Charge Length		49 (15)
Minimum Length	ft (m)	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)	73 (33)
Gross Weight		79 (36)

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-TTRX	3rd Party Thermostat Converter
UTY-TWRXZ2	Interface Kit
UTY-RNRUZ4	Wired Remote Controller (Touch Panel)
UTY-RSRY	Simple Remote Control
UTY-TFSXF1	WiFi Interface Module
UTY-XWZXZ5	Dry Contact Wire Kit



This system combination is Energy Star qualified



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



Indoor Unit ETL#: 91987
 Outdoor Unit ETL#: 91987

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://portal.fujitsugeneral.com>

Effective Date: 1/20/2021

Version 09LMAH1 -2020A

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FAN DATA

Indoor Unit Airflow Rate	Cooling	High	CFM (m3/h)	453 (770)
		Medium		353 (600)
		Low		265 (450)
	Heating	Quiet		147 (250)
		High		453 (770)
		Medium		377 (640)
		Low		306 (520)
		Quiet		182 (310)
Outdoor Unit Airflow Rate	Cooling	901 (1,530)		
	Heating	901 (1,530)		

SOUND PRESSURE

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

REFRIGERANT

Type	R410A		
Charge	lb oz	2lb.3oz.	
	kg	1	
Oil Type	POE (RB68A)		

ELECTRICAL SPECIFICATIONS

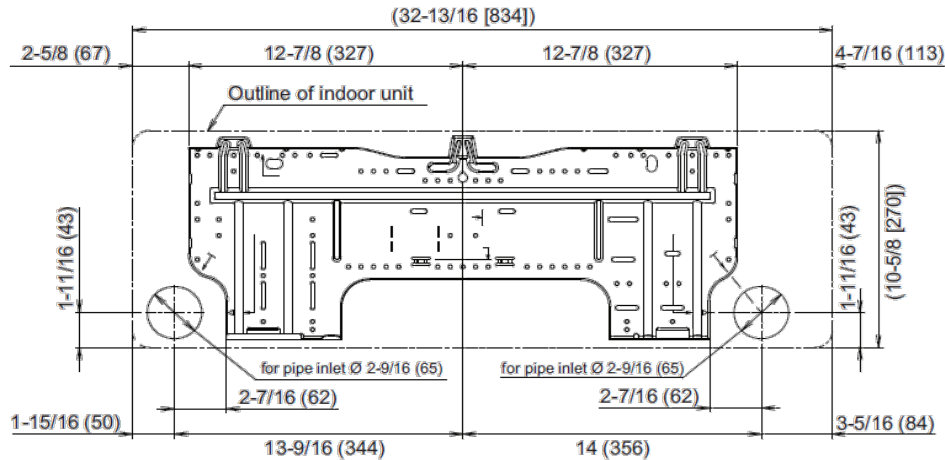
Voltage/Frequency/Phase		208/230 V / 1Ø / 60Hz	
Voltage Range		187-253V~60HZ	
Current	Cooling	Rated	3
	Heating	Rated	3.9
Maximum Operating Current	Cooling	A	6.9
	Heating	A	9.4
Starting Current		3.9	
MCA		12.5	
Maximum Circuit Breaker		15	
Input Power	Cooling	Rated	0.585
		Min.—Max.	0.14—1.27
	Heating	Rated	0.79
Power Factor	Cooling	Min.—Max.	0.14—1.67
	Heating	%	84.8
		Heating	88.1

OTHER

Moisture Removal	pints/h (L/h)	2.7 (1.3)
Energy Star		Yes
Drain hose	Material	PP+HDPE
Size	in (mm)	Ø17/32 (Ø 13.8) (I.D.), Ø19/32 to 21/32 (Ø 15.0 to 16.8) (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)

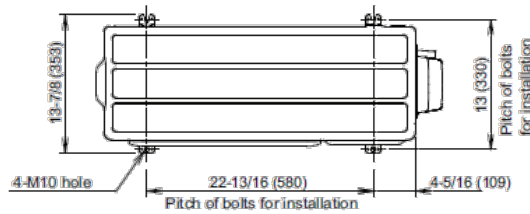
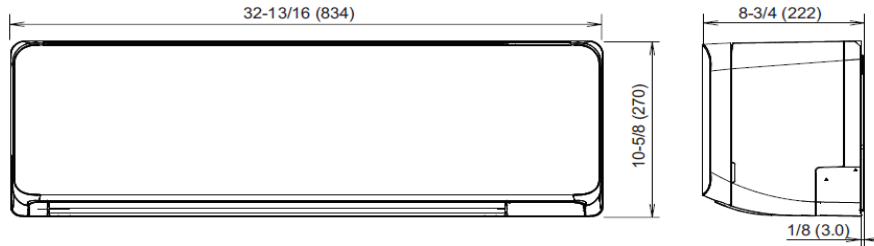
Wall Bracket Data:

Units: In. (mm)

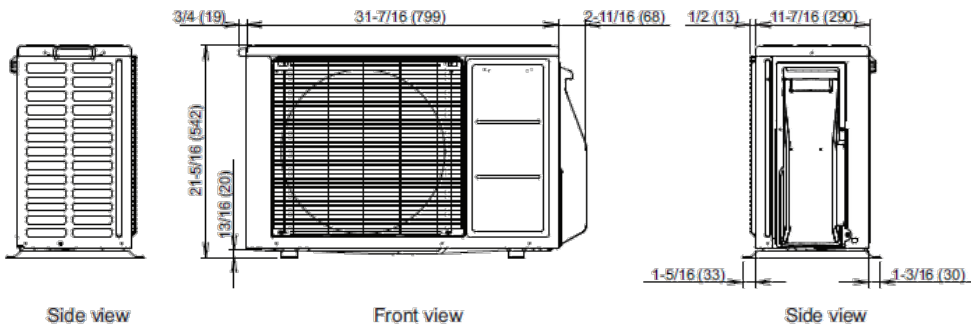


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Note: Specifications are based on the following conditions:
 Cooling: Indoor temperature of 80°F (26.7°C) DB/67°F (19.4°C) WB, and outdoor temperature of 95°F (35°C) DB/75°F (23.9°C) WB. Heating: Indoor temperature of 70°F (21.1°C) DB/60°F (15.6°C) 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).



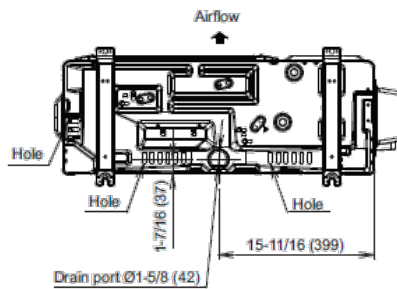
Top view



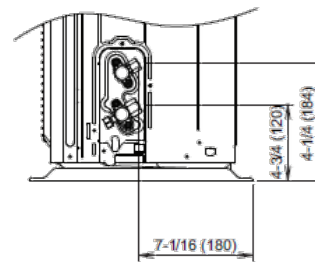
Side view

Front view

Side view



Bottom view



Side view (Valve part)

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