

Inverter Driven Heat Pump

12,000 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



MODEL NUMBERS

Indoor Unit	ASUG12LMAS
Outdoor Unit	AOUG12LMAS1
System	12LMAS1

EFFICIENCIES

SEER	23	
EER	12.5	
HSPF	12.5	
COP	kW/KW	3.66
	BTU/hW	12.50

OUTDOOR TEMPERATURE OPERATION RANGE

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

CAPACITIES

Cooling	Rated	BTU/hW	12,000
	Min.—Max.		3,400-13,300
Heating	Rated		16,000
	Min.—Max.		2,800-19,100

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- 14/16 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	21- 5/16 x 31- 7/16 x 11- 7/16
	mm	602 x 940 x 375
Net Weight	lb (kg)	71 (32)
Gross Weight		77 (35)

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 12LMAS1 -2020A

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FAN DATA

Indoor Unit Airflow Rate	Cooling	High	CFM (m3/h)	453 (770)
		Medium		353 (600)
		Low		264 (450)
	Heating	Quiet		147 (250)
		High		453 (770)
		Medium		376 (640)
		Low		306 (520)
		Quiet		182 (310)
Outdoor Unit Airflow Rate	Cooling		1,065 (1,810)	
	Heating		1,065 (1,810)	

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		49	
	Heating		51	

REFRIGERANT

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

ELECTRICAL SPECIFICATIONS

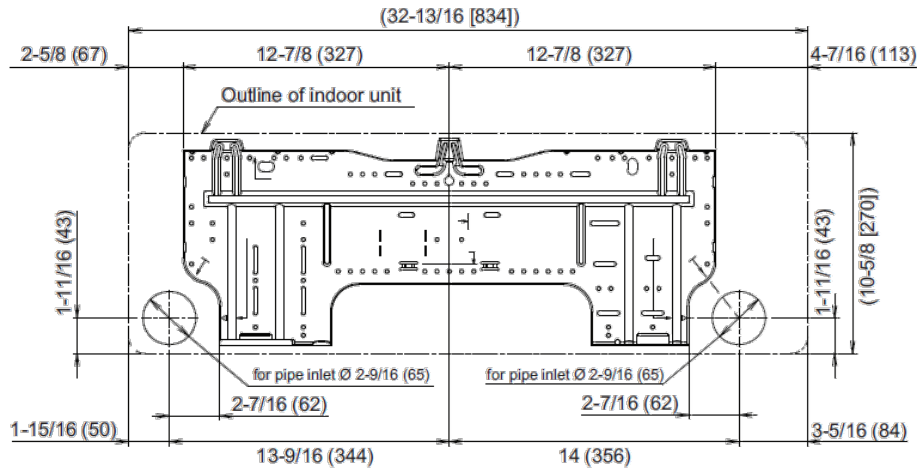
Voltage/Frequency/Phase		208/230 V / 1Ø / 60Hz	
Voltage Range		187-253V~60HZ	
Current	Cooling	Rated	4.7
	Heating	Rated	6
Maximum Operating Current	Cooling	A	6.9
	Heating		9.4
Starting Current			4.7
MCA			11.5
Maximum Circuit Breaker			15
Input Power	Cooling	Rated	0.96
		Min.—Max.	0.14-1.27
	Heating	Rated	1.28
Power Factor	Cooling	%	88.8
	Heating		92.8

OTHER

Moisture Removal	pints/h (L/h)	3.8 (1.8)
Energy Star		Yes
Drain hose	Material	PP+HDPE
Size	in (mm)	Ø15/32 (Ø11.8) (I.D.), Ø19/32 to Ø21/32 (Ø15 to Ø16.8) (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)

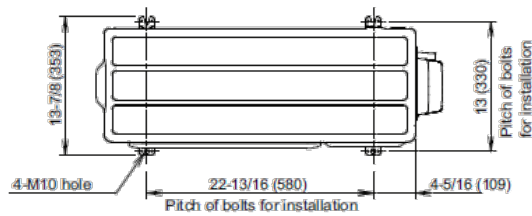
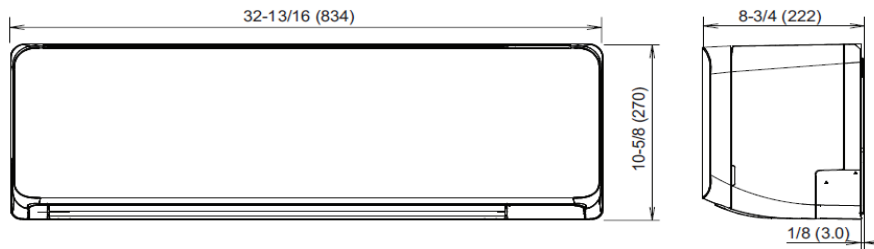


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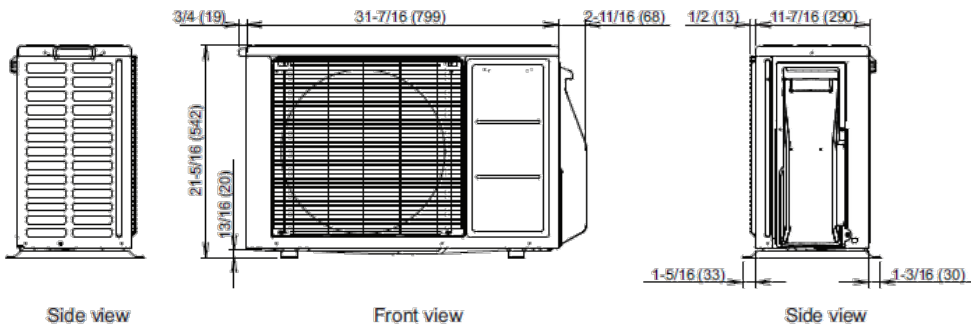
Note: Specifications are based on the following conditions:
 Cooling: Indoor temperature of 80°F (26.7°C) DB/67°F (19.4°C) WB, and outdoor temperature of 95°F (35°C) DB/75°F (23.9°C) WB. Heating: Indoor temperature of 70°F (21.1°C) DB/60°F (15.6°C) WB, and outdoor temperature of 47°F (8.3°C) DB/43°F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

DIMENSIONS

Units: In. (mm)



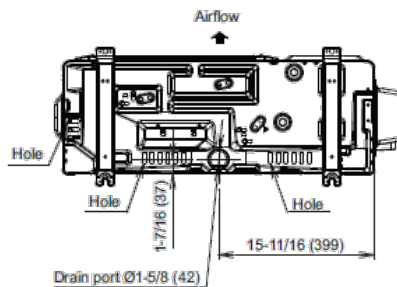
Top view



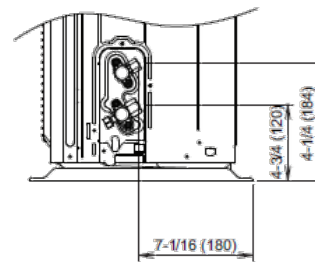
Side view

Front view

Side view



Bottom view



Side view (Valve part)

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