

Inverter Driven Heat Pump **36,000 BTU Multi Position AHU**

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

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

PRODUCT FEATURES

- Up to 1.0" WC
- 2-Wire Wired Remote Controls
- All Aluminum Coil
- Heating operation rated down to -5°F outdoor temperature.
- Long Lineset Lengths (up to 230')
- Integral Electric Heat Kit (Optional)
- Low Air Leakage Rate (2% or less)



MODEL NUMBERS

Indoor Unit	AMUG36LMAS
Outdoor Unit	AOUG36LMAS1
System	36LMAS1

EFFICIENCIES

SEER	18.0	
EER	11.3	
HSPF	10.2	
COP	kW/kW	3.22
	Btu/hW	11.0

OUTDOOR TEMPERATURE OPERATION RANGE

Cooling	*F(*C)	14 - 115 (-10 - 46)
Heating		-5 - 75 (-20 - 24)

CAPACITIES

Cooling	Rated	BTU/hW	36,000
	Min.—Max.		13,000 - 38,000
Heating	Rated		42,000
	Min.—Max.		11,000 - 52,000

LINESSET REQUIREMENTS

Connection Method	Flare	
Liquid	in (mm)	3/8
Gas		5/8
Pre-Charge Length	ft (m)	98 (30)
Minimum Length		16 (5)
Maximum Length		230 (70)
Max. Height Diff.		98 (30)

INDOOR DIMENSIONS & WEIGHT

Net (H x W x D)	in	57 x 21 x 21 11/16
	mm	1448 x 533 x 551
Gross (H x W x D)	in	57 2/16 x 23 x 26 8/16
	mm	1451 x 584 x 673
Net Weight	lb (kg)	132 (60)
Gross Weight		146 (66)

OUTDOOR DIMENSIONS & WEIGHT

Net (H x W x D)	in	39 5/16 x 38 3/16 x 14 9/16
	mm	998 x 970 x 370
Gross (H x W x D)	in	45 12/16 x 41 14/16 x 18 13/16
	mm	1162 x 1064 x 478
Net Weight	lb (kg)	198 (90)
Gross Weight		220 (100)

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-RNRUZ4	Wired Remote Control
UTY-RSRY	Simple Remote Control
UTY-LBTUM	IR receiver kit with wireless remote controller
UTY-TTRX	Third Party Thermostat Adapter
UTY-TFSXZ2	WiFi Module
UTY-XCSX	External Input and Output PCB
UTY-XSZX	Remote Sensor



Indoor Unit UL#: 7F62
 Outdoor Unit ETL#: 3170288

Effective Date: 4/16/2021

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>

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36,000 BTU Multi Position AHU

FAN DATA			
Indoor Unit Airflow Rate	Cooling	High	1,200 (2,039)
		Medium	740 (1,257)
		Low	590 (1,002)
		Quiet	490 (833)
	Heating	High	1,200 (2,039)
		Medium	740 (1,257)
		Low	590 (1,002)
		Quiet	490 (833)
Outdoor Unit Airflow Rate	Cooling	2,590 (4,400)	
	Heating	2,590 (4,400)	
SOUND PRESSURE			
Indoor Unit	Cooling	High	41
		Medium	30
		Low	27
		Quiet	24
	Heating	High	40
		Medium	35
		Low	28
		Quiet	26
Outdoor Unit	Cooling	53	
	Heating	54	
REFRIGERANT			
Type			410A
Charge	lb oz		9lb 8oz
	g		4,300
Oil Type			POE (RB68)

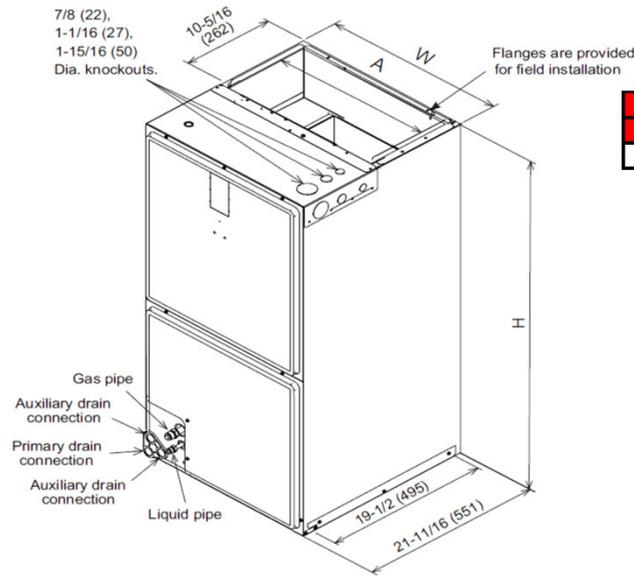
ELECTRICAL SPECIFICATIONS			
Voltage/Frequency/Phase			208-230V/60Hz/1
Voltage Range			187—253 V
Current	Cooling	Rated	14.0
	Heating	Rated	16.8
Maximum Operating Current		Cooling	32.4
		Heating	32.4
Starting Current			20.1
MCA			39.9
Maximum Circuit Breaker			40
Input Power	Cooling	Rated	3.18
		Min.—Max.	0.85 - 3.52
	Heating	Rated	3.82
		Min.—Max.	0.67 - 5.39
Power Factor	Cooling		98.8
	Heating		98.9
OTHER			
Moisture Removal		pints/h (L/h)	7.2 (3.4)
Energy Star			No
Drain hose	Material		PVC
	Size	in (mm)	Ø 3/4 (19) [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)
Static Pressure Range	in. WG		0-1.0
	Pa		20-250

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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).

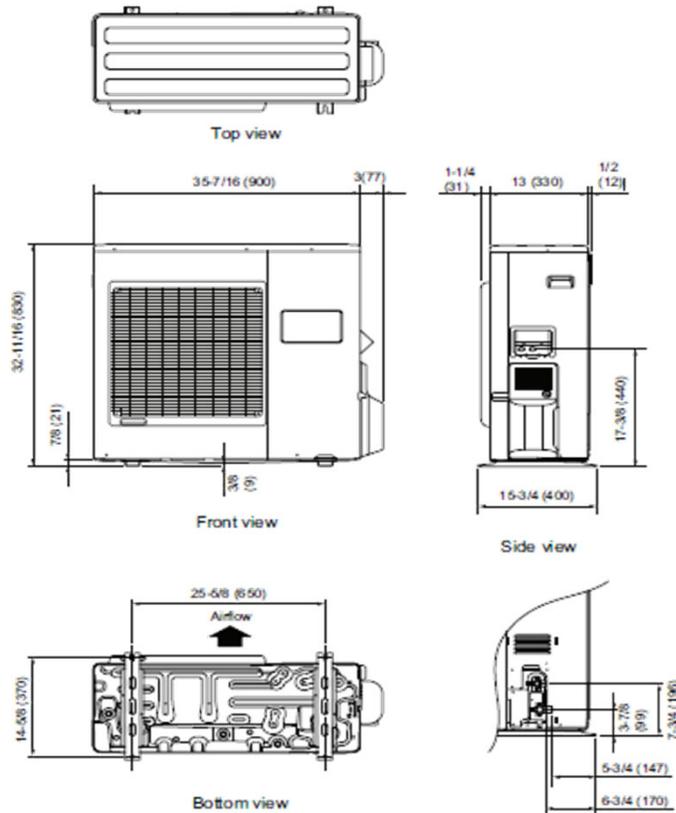
DIMENSIONS

Unit: in (mm)



Return Opening Dimensions	
Width	Depth
19 3/8	19 3/4

Model	A (Supply duct)	W (Unit width)	H (Unit height)
AMUG36LMAS	19-1/2 (495)	21 (533)	57 (1,448)



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