

Inverter Driven Heat Pump **24,000 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 164')
- Integral Electric Heat Kit (Optional)
- Low Air Leakage Rate (2% or less)



MODEL NUMBERS

Indoor Unit	AMUG24LMAS
Outdoor Unit	AOU24RGLX
System	24RGLXM

EFFICIENCIES

SEER	19.0	
EER	12.0	
HSPF	10.7	
COP	kW/kW	3.20
	Btu/hW	10.9

OUTDOOR TEMPERATURE OPERATION RANGE

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

CAPACITIES

Cooling	Rated	BTU/hW	24,000
	Min.—Max.		5,400 - 29,000
Heating	Rated		27,000
	Min.—Max.		5,400 - 32,400

LINESSET REQUIREMENTS

Connection Method		Flare
Liquid	in (mm)	3/8
		5/8
Pre-Charge Length		66 (20)
Minimum Length	ft (m)	16 (5)
Maximum Length		164 (50)
Max. Height Diff.		98 (30)

INDOOR DIMENSIONS & WEIGHT

Net (H x W x D)	in	42 8/16 x 21 x 21 11/16
	mm	1080 x 533 x 551
Gross (H x W x D)	in	42 12/16 x 24 x 25 5/16
	mm	1086 x 610 x 643
Net Weight	lb (kg)	104 (47)
Gross Weight		116 (52.5)

OUTDOOR DIMENSIONS & WEIGHT

Net (H x W x D)	in	32 11/16 x 35 7/16 x 13
	mm	830 x 900 x 330
Gross (H x W x D)	in	39 3/8 x 41 5/16 x 17 1/2
	mm	1000 x 1050 x 445
Net Weight	lb (kg)	134 (61)
Gross Weight		152 (69)

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#: 91987

Effective Date: 4/16/2021

Version 24RGLXM -2020A

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>

Inverter Driven Heat Pump

24,000 BTU Multi Position AHU

FAN DATA

Indoor Unit Airflow Rate	Cooling	High	CFM (m3/h)	800 (1,359)
		Medium		670 (1,138)
		Low		590 (1,002)
		Quiet		310 (527)
	Heating	High		800 (1,359)
		Medium		670 (1,138)
		Low		590 (1,002)
		Quiet		310 (527)
Outdoor Unit Airflow Rate	Cooling		2,119 (3,600)	
	Heating		2,119 (3,600)	

SOUND PRESSURE

Indoor Unit	Cooling	High	dB (A)	40
		Medium		34
		Low		32
		Quiet		26
	Heating	High		37
		Medium		33
		Low		31
		Quiet		25
Outdoor Unit	Cooling		53	
	Heating		55	

REFRIGERANT

Type	410A		
Charge	lb oz	4lb 10oz	
	g	2,100	
Oil Type	POE (RB68)		

ELECTRICAL SPECIFICATIONS

Voltage/Frequency/Phase				208-230V/60Hz/1	
Voltage Range				187—253 V	
Current	Cooling	Rated	A	8.8	
	Heating	Rated		10.9	
Maximum Operating Current		Cooling		15.6	
	Heating	16.1			
Starting Current				9.6	
MCA				20.8	
Maximum Circuit Breaker				30	
Input Power	Cooling	Rated		kW	0.55 - 2.22
		Min.—Max.			
Heating	Rated	2.48			
	Min.—Max.	0.55 - 3.47			
Power Factor	Cooling		%	98.8	
	Heating			98.9	

OTHER

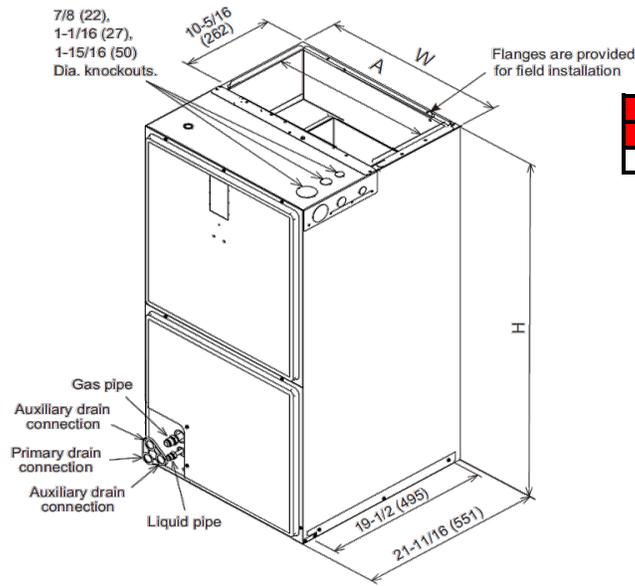
Moisture Removal	pints/h (L/h)	4.6 (2.2)	
Energy Star		No	
Drain hose	Material	PVC	
	Size	in (mm)	Ø 3/4 (19) [O.D.]
Operation Range	Cooling	°F (°C)	64 to 90 (18 to 32)
	Heating	%RH	80 or less
Static Pressure Range		°F (°C)	60 to 86 (16 to 30)
		in. WG	0-1.0
	Pa	20-250	

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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).

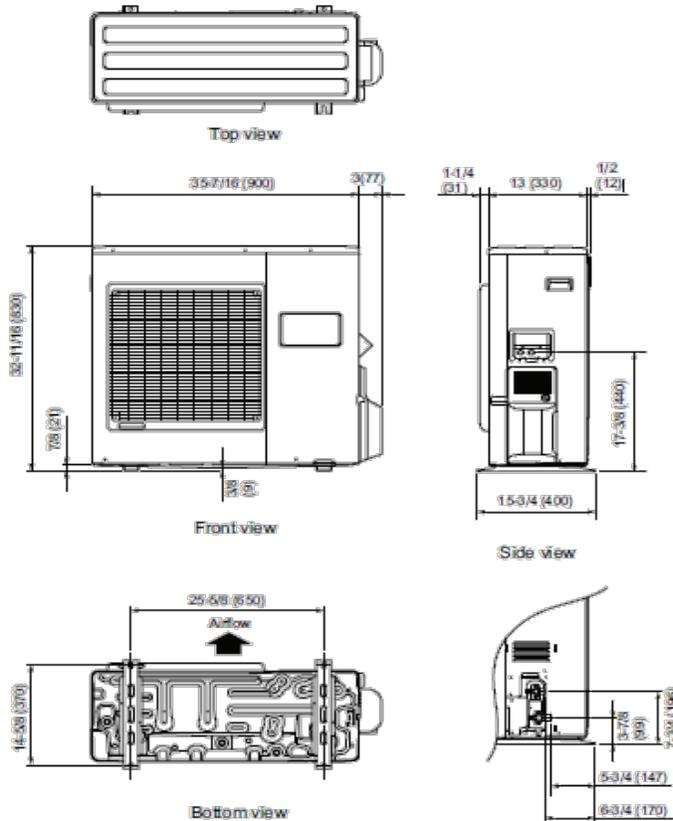
DIMENSIONS

Unit: in (mm)



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

Model	A (Supply duct)	W (Unit width)	H (Unit height)
AMUG24LMAS	19-1/2 (495)	21 (533)	42-1/2 (1,080)



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