

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
SEER 2	17.6
EER	12
EER 2	11.7
HSPF	10.7
HSPF 2 (IV) / HSPF 2 (V)	9.2 / 7.5
COP	kW/kW 3.19
COP	Btu/hW 10.9
COP2	kW/kW 3.2
COP2	Btu/hW 10.9

OUTDOOR TEMPERATURE OPERATION RANGE	
Cooling	-4 to 115 (-20 to 46)
Heating*	*-4 to 75 (-20 to 24)

CAPACITIES	
Cooling	Rated 24000
	Min.-Max. 5,400-29,000
Heating	Rated 27000
	Min.-Max. 5,400-32,400

LINESSET REQUIREMENTS	
Connection Method	Flare
Liquid	in (mm) Ø3/8 (9.52)
Gas	Ø5/8 (15.88)
Pre-charge length	66 (20)
Minimum Length	16 (5)
Max. length	164 (50)
Max. height difference	98 (30)

INDOOR DIMENSIONS & WEIGHT	
Net (H x W x D)	in (mm) 42- 1/2 x 21 x 21- 11/16 (1,080 x 533 x 551)
Gross (H x W x D)	42- 3/4 x 24 x 25- 5/16 (1,086 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 (mm) 32-11/16 x 35-7/16 x 13 (830 x 900 x 330)
Gross (H x W x D)	39-3/8 x 41-5/16 x 17-1/2 (1,000 x 1,050 x 445)
Net Weight	lb (kg) 134 (61)
Gross Weight	152 (69)

* System continues to operate below rated outdoor operation temperature range, subject to varying conditions. System has no low temperature cut out. Capacity is not tested outside of the rated temperature range.

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
UTY-RSRY	Simple Remote Controller
UTY-RHRY	Simple Remote Controller
UTY-LBTUM	IR Receiver Kit with Wireless Remote Controller
UTY-XSZX	Remote Sensor Unit
UTY-XWZXZG	External Connect Kit
UTY-XCSX	External Input and Output PCB
UTY-XWZXZI	Wire Kit
UTY-VTGX	Network Converter
UTY-TTRXZ1	Thermostat Converter

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://connect.fujitsugeneral.com>

Effective Date: 04/18/2024

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FAN DATA

Indoor Unit Airflow rate	Cooling	HIGH	CFM (m3/h)	800 (1,359)
		MED		670 (1,138)
		LOW		590 (1,002)
		QUIET		310 (527)
	Heating	HIGH		800 (1,359)
		MED		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
		MED		34
		LOW		32
		QUIET		26
	Heating	HIGH		37
		MED		33
		LOW		31
		QUIET		25
Outdoor Unit	Cooling			53
	Heating			55

REFRIGERANT

REFRIGERANT			
Type	R410A		
Charge	lb oz	4 lb 10 oz	
	g	2100	
Oil Type	POE (RB68)		

ELECTRICAL SPECIFICATIONS

Voltage/Frequency/Phase		208/230 V ~ 60 Hz		
Available Voltage Range		187–253 V		
Current	Cooling	Rated	A	9.1
	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	2.05
		Min.–Max.		0.55–2.22
	Heating	Rated		2.48
		Min.–Max.		0.55–3.47
Power Factor	Cooling		%	97.9
	Heating			98.9

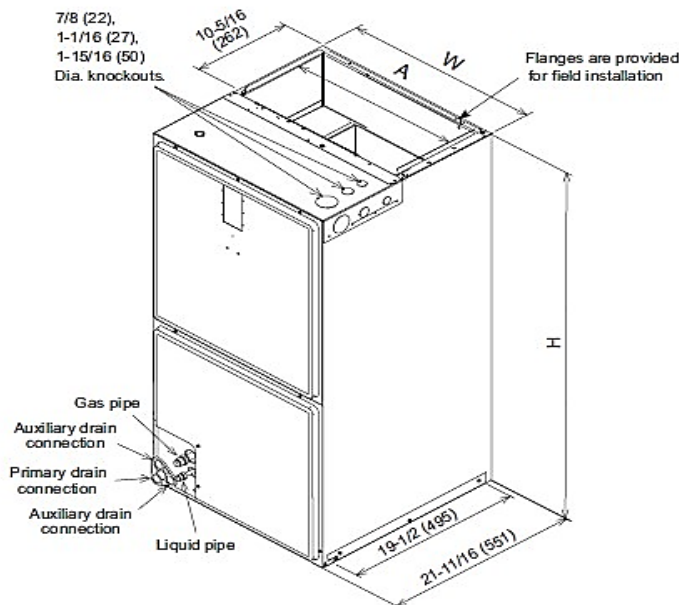
OTHER

Moisture Removal		pints/h (L/h)	4.6 (2.2)
Energy Star			No
Drain hose	Material		LDPE
	Tip diameter	in (mm)	Ø1/2 (13.0) [I.D.], Ø5/8 to Ø11/16 (16.0 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)
Static pressure range		inWG (Pa)	0.08 to 1 (20 to 250)

DIMENSIONS:

Units: In. (mm)

Indoor Unit:



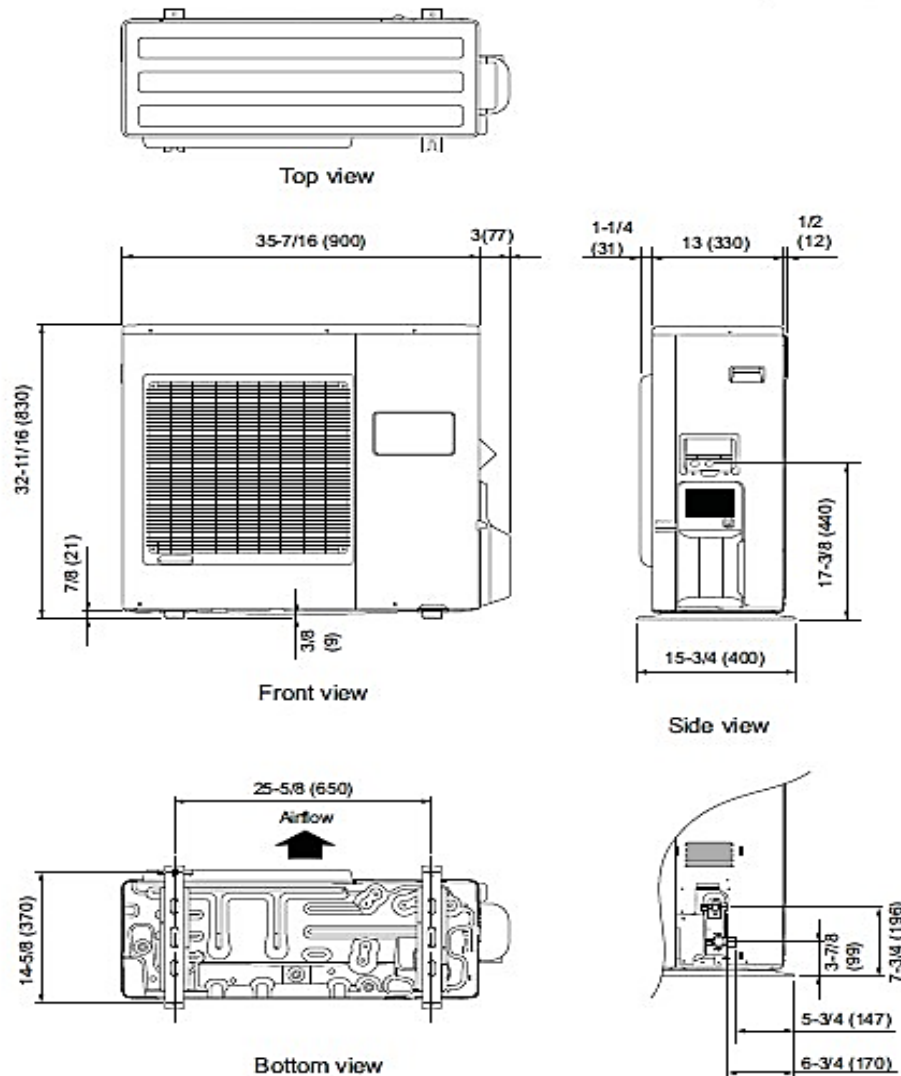
Model	A (Supply duct)	W (Unit width)	H (Unit height)
AMUG24LMAS	19-1/2 (495)	21 (533)	42-1/2 (1,080)

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

DIMENSIONS

Units: In. (mm)

Outdoor Unit



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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).

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Electric Heat Kit

For 2 Ton System:

HEATER PART #	STAGE	VOLTAGE	PH/HZ	HEATER KW	HEATER AMPS	DESCRIPTION
RXBH-1724A03J-A	SINGLE	208/240	1/60	2.25 / 3.0	10.8 / 12.5	3 KW ELECTRIC HEAT KIT WITH BREAKER 208/230 1PH
RXBH-1724A05J-A	SINGLE	208/2.40	1/60	3.6 / 4.8	17.3 / 20.0	5 KW ELECTRIC HEAT KIT WITH BREAKER 208/230 1PH
RXBH-1724A07J-A	SINGLE	208/240	1/60	5.4 / 7.2	26.0/30.0	7 KW ELECTRIC HEAT KIT WITH BREAKER 208/230 1PH
RXBH-1724B05J-A	SINGLE	208/2.40	1/60	3.6 / 4.8	17.3 / 20.0	5 KW ELECTRIC HEAT KIT NO BREAKER 208/230 1PH
RXBH-1724B07J-A	SINGLE	208/240	1/60	5.4 / 7.2	26.0/30.0	7 KW ELECTRIC HEAT KIT NO BREAKER 208/230 1PH
RXBH-1724C05J-A	SINGLE	208/240	1/60	3.6 / 4.8	17.3 / 20.0	HTR KIT-5KW 208/230/1/60 (PULL OUT DISCONNECT)
RXBH-1724C07J-A	SINGLE	208/240	1/60	5.4 / 7.2	26.0 / 30.0	HTR KIT-7KW 208/230/1/60 (PULL OUT DISCONNECT)

Accessories:

Model #	Description
RXHB-21	COMBUSTIBLE FLOOR BASE 21"
RXHF-21	EXTERNAL FILTER BASE FOR FAN COILS - 21"
RXBJ-A21	JUMPER BAR (USED WITH 13kW (or larger) HEATER KIT)