

## 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	AMUG36LMA5
Outdoor Unit	AOUG36LMA51
System	36LMA51

EFFICIENCIES	
SEER	18
SEER 2	17.1
EER	11.3
EER 2	10.7
HSPF	10.2
HSPF 2 (IV) / HSPF 2 (V)	8.8/7.3
COP	3.22
COP	11
COP2	3.2
COP2	10.9

OUTDOOR TEMPERATURE OPERATION RANGE	
Cooling	14 to 115 (-10 to 46)
Heating*	*-4 to 75 (-20 to 24)

CAPACITIES	
Cooling	36000
Heating	11,000-52,000

LINESSET REQUIREMENTS	
Connection Method	Flare
Liquid	Ø3/8 (9.52)
Gas	Ø5/8 (15.88)
Pre-charge length	98 (30)
Minimum Length	16 (5)
Max. length	230 (70)
Max. height difference	98 (30)

INDOOR DIMENSIONS & WEIGHT	
Net (H x W x D)	57 x 21 x 21- 11/16
Gross (H x W x D)	57- 1/8 x 23 x 26- 1/2
Net Weight	132 (60)
Gross Weight	146 (66)

OUTDOOR DIMENSIONS & WEIGHT	
Net (H x W x D)	39-5/16 x 38-3/16 x 14-9/16
Gross (H x W x D)	45-12/16 x 41-14/16 x 18-13/16 (1,162 x 1,064 x 478)
Net Weight	198 (90)
Gross Weight	220 (100)

\* 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-XWZXZJ	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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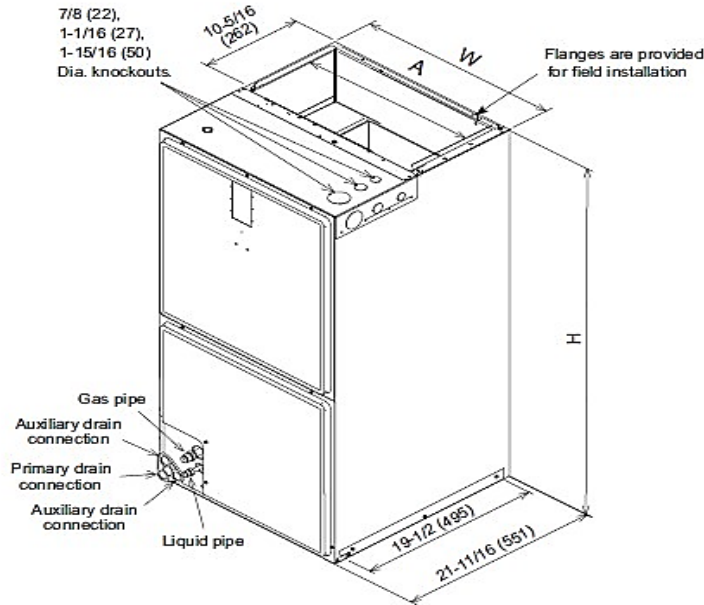
FAN DATA				
Indoor Unit Airflow rate	Cooling	HIGH	CFM (m3/h)	1,200 (2,039)
		MED		740 (1,257)
		LOW		590 (1,002)
		QUIET		490 (833)
	Heating	HIGH		1,200 (2,039)
		MED		740 (1,257)
		LOW		590 (1,002)
		QUIET		490 (833)
Outdoor Unit Airflow rate	Cooling		2,590 (4,400)	
	Heating		2,590 (4,400)	
SOUND PRESSURE				
Indoor Unit	Cooling	HIGH	dB (A)	41
		MED		30
		LOW		27
		QUIET		24
	Heating	HIGH		40
		MED		35
		LOW		28
		QUIET		26
Outdoor Unit	Cooling		53	
	Heating		54	
REFRIGERANT				
Type				R410A
Charge	lb oz	9 lb 8 oz		
	g	4300		
Oil Type				POE (RB68)

ELECTRICAL SPECIFICATIONS				
Voltage/Frequency/Phase		208/230 V ~ 60 Hz		
Available Voltage Range		187–253 V		
Current	Cooling	Rated	A	14.8
	Heating	Rated		17
Maximum Operating Current		Cooling		32.4
		Heating		32.4
Starting current				20.1
MCA				39.9
Maximum Circuit Breaker				40
Input Power	Cooling	Rated	kW	3.36
		Min.–Max.		0.85–3.52
	Heating	Rated		3.85
		Min.–Max.		0.67–5.39
Power Factor	Cooling		%	98.7
	Heating			98.5
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	—	
	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)
AMUG36LMAS	19-1/2 (495)	21 (533)	57 (1,448)

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

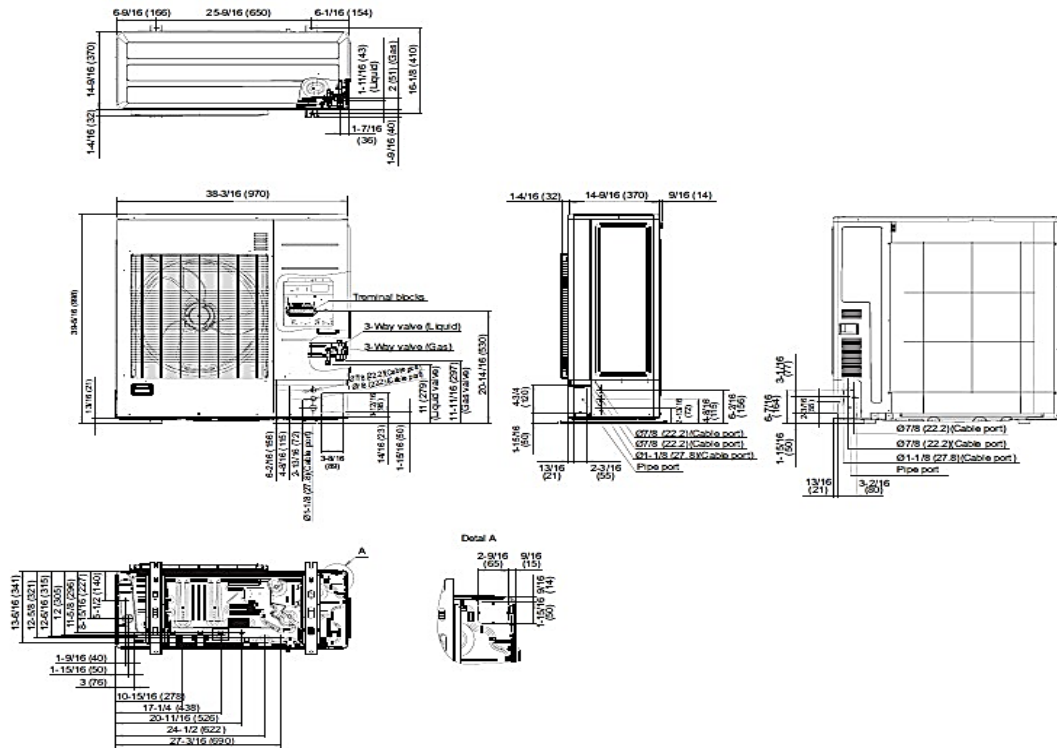
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### 36,000 BTU Multi Position AHU

## 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).

### Electric Heat Kit

For 3 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	208/240	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-1724A10J-A	SINGLE	208/240	1/60	7.2 / 9.6	34.6 / 40.0	10 KW ELECTRIC HEAT KIT WITH BREAKER 208/230 1PH
RXBH-1724B05J-A	SINGLE	208/240	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-1724B10J-A	SINGLE	208/240	1/60	7.2 / 9.6	34.6 / 40.0	10 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)
RXBH-1724C10J-A	SINGLE	208/240	1/60	7.2 / 9.6	34.6 / 40.0	HTR KIT-10KW 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)