

## Inverter Driven Heat Pump

30,000 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		AMUG30LMAS		
Outdoor Unit		AOU30RGLX		
System		30RGLXM		
EFFICIENCIES				
SEER		18.5		
SEER 2		17.2		
EER		10.1		
EER 2		9.9		
HSPF		10.3		
HSPF 2 (IV) / HSPF 2 (V)		9.1/7.2		
COP	kW/kW		3.11	
COP	Btu/hW		10.6	
COP2	kW/kW		3.1	
COP2	Btu/hW		10.6	
OUTDOOR TEMPERATURE OPERATION RANGE				
Cooling	*F(*C)		-4 to 115 (-20 to 46)	
Heating*			*-4 to 75 (-20 to 24)	
CAPACITIES				
Cooling	Rated	Btu/h	30000	
	Min.—Max.		9,600—35,000	
Heating	Rated		32000	
	Min.—Max.		9,200—39,000	
LINESET REQUIREMENTS				
Connection Method		Flare		
Liquid	in (mm)	Ø3/8 (9.52)		
Gas		Ø5/8 (15.88)		
Pre-charge length	ft (m)	66 (20)		
Minimum Length		16 (5)		
Max. length		164 (50)		
Max. height difference		98 (30)		
INDOOR DIMENSIONS & WEIGHT				
Net (H × W × D)	in (mm)	42- 1/2 × 21 × 21- 11/16		
Gross (H × W × D)		42- 3/4 × 24 × 25- 5/16		
Net Weight	lb (kg)	104 (47)		
Gross Weight		116 (52.5)		
OUTDOOR DIMENSIONS & WEIGHT				
Net (H × W × D)	in (mm)	32-11/16 × 35-7/16 × 13		
Gross (H × W × D)		39-3/8 × 41-5/16 × 17-1/2 (1,000 × 1,050 × 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)	870 (1,478)
		MED		730 (1,240)
		LOW		590 (1,002)
		QUIET		310 (527)
	Heating	HIGH		870 (1,478)
		MED		730 (1,240)
		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)	42
		MED		37
		LOW		33
		QUIET		28
	Heating	HIGH		39
		MED		36
		LOW		32
		QUIET		25
Outdoor Unit	Cooling			53
	Heating			55

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	13.3
	Heating	Rated		13.4
Maximum Operating Current	Cooling			15.6
	Heating			16.1
Starting current			A	11.5
MCA				20.8
Maximum Circuit Breaker				30
Input Power	Cooling	Rated	kW	3.03
		Min.–Max.		0.61–3.41
	Heating	Rated		3.03
		Min.–Max.		0.57–4.16
Power Factor	Cooling		%	99.1
	Heating			98.3

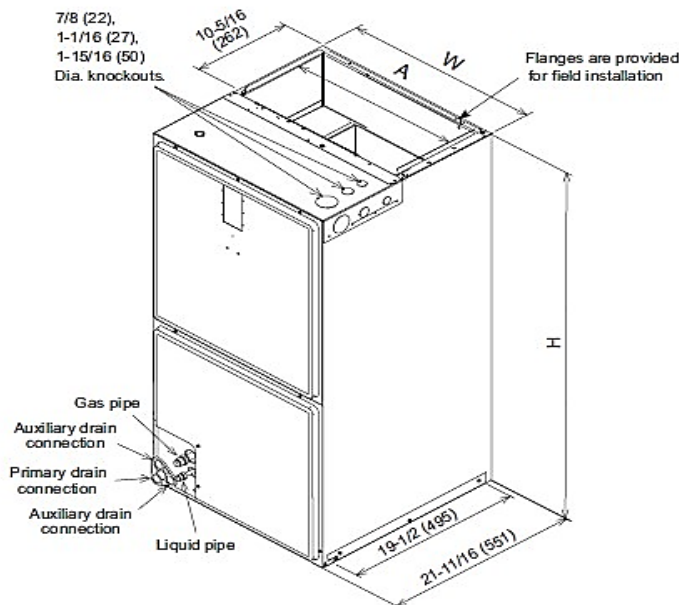
OTHER

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)
	Heating	%RH	80 or less
Static pressure range		°F (°C)	60 to 86 (16 to 30)
		inWG (Pa)	0.08 to 1 (20 to 250)

DIMENSIONS:

Units: In. (mm)

Indoor Unit:



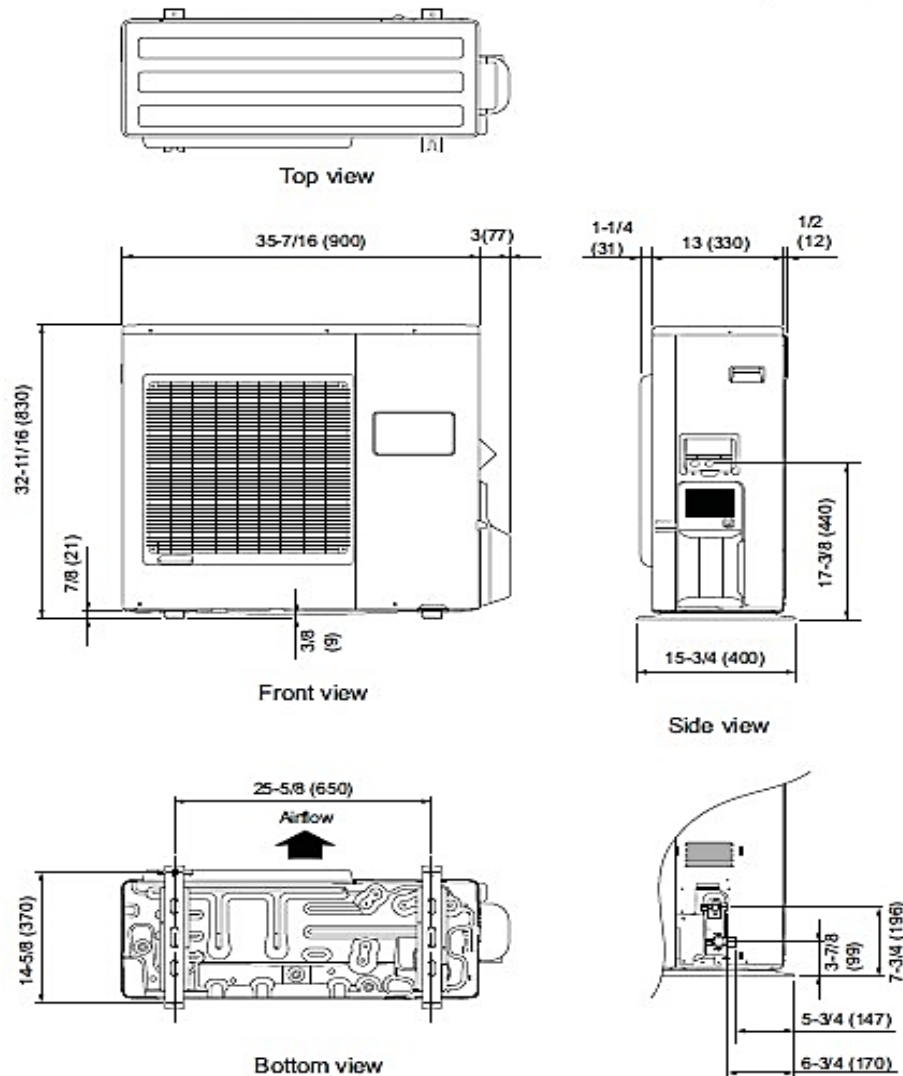
Model	A (Supply duct)	W (Unit width)	H (Unit height)
AMUG30LMAS	19-1/2 (495)	21 (533)	42-1/2 (1,080)

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 2.5 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)