

SUBMITTAL 36LMAS1

AIRSTAGE

Inverter Driven Heat Pump

Job Name	
Location	
Engineer	
Submitted To	
Submitted By	
Reference	

PRODUCT FEATURES

Effective Date:

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)

36,000 BTU Multi Position AHU



MODEL NUMBERS					
Indoor Unit			AMUG36LMAS		
Outdoor Unit		AOUG36LMAS1			
System		36LMAS1			
EFFICIENCIES			502111101		
SEER			18		
SEER 2			17.1		
EER			11.3		
EER 2			10.7		
HSPF			10.2		
HSPF 2			8.8		
СОР	kW/kW		3.22		
СОР	Btu/hW		11		
COP2	kW/kW		3.2		
COP2	Btu/hW		10.9		
OUTDOOR TEMPERATU		N RANGE			
Cooling			14 to 115 (-10 to 46)		
Heating			-4 to 75 (-20 to 24)		
CAPACITIES					
c II	Rated		36000		
Cooling	Min.–Max.	D: //	13,000–38,000		
	Rated	Btu/h	42000		
Heating	Min.–Max.		11,000–52,000		
LINESET REQUIREMEN	TS	1			
Connection Method			Flare		
Liquid			Ø3/8 (9.52)		
Gas	— in (mm)		Ø5/8 (15.88)		
Pre-charge length			98 (30)		
Minimum Length	6 ()		16 (5)		
Max. length	— ft (m)		230 (70)		
Max. height difference	_		98 (30)		
INDOOR DIMENSIONS	& WEIGHT	1			
Net (H × W × D)			57 × 21 × 21- 11/16		
Gross (H × W × D)	— in (mm)		57- 1/8 × 23 × 26- 1/2		
Net Weight			132 (60)		
Gross Weight	— Ib (kg)	146 (66)			
OUTDOOR DIMENSION	S & WEICHT		140 (00)		
Net (H x W x D)			39-5/16 × 38-3/16 × 14-9/16		
Gross (H x W x D)	in (mm)	45-12/16 x 41 1	4/16 × 18-13/16 (1,162 × 1,064 × 478)		
· · ·		4J*12/10 ^ 41-1			
Net Weight			198 (90)		
Gross Weight		220 (100)			

Warranty Information

7'ear compressor compressor Synthematic Parts

7 Year Compressor, 5 Year Parts out-of-the-box Warranty



CCECCODI

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

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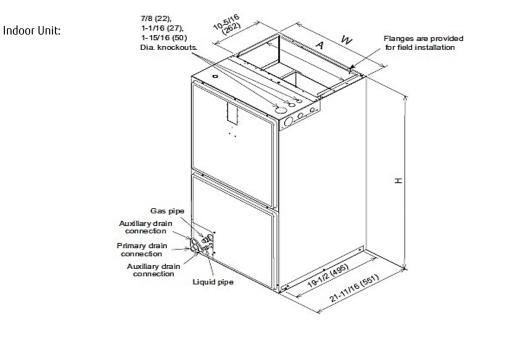
AIRSTAGE

Inverter Driven Heat Pump

FAN DATA				
		HIGH		1,200 (2,039)
Indoor Unit Airflow rate	Cooling	MED		740 (1,257)
		LOW		590 (1,002)
		QUIET		490 (833)
		HIGH	CFM (m3/h)	1,200 (2,039)
		MED		740 (1,257)
	Heating	LOW		590 (1,002)
		QUIET		490 (833)
Outdoor Unit Airflow	Cooling	QUILI		2,590 (4,400)
rate	Heating			2,590 (4,400)
SOUND PRESSURE	nearing			2,550 (4,400)
JOUNDTRESSORE		HIGH		41
	Cooling	MED	dB (A)	30
		LOW		27
		QUIET		24
Indoor Unit	Heating	HIGH		40
		MED		35
		LOW		28
		QUIET		20
	Cooling	QUILI		53
Outdoor Unit	Heating			55
REFRIGERANT	nearing		<u> </u>	54
Туре				R410A
	lb oz			9 lb 8 oz
Charge	q			4300
Oil Type	1.3	1		POE (RB68)

ELECTRICAL SPECIF	ICATIONS				
Voltage/Frequency/Phase		208/230 V ~ 60 Hz			
Available Voltage Range		187–253 \			
Current	Cooling	Rated		14.8	
Current	Heating	Rated		17	
Maximum Operatin	a Current	Cooling		32.4	
Maximum operation	g current	Heating	A	32.4	
Starting current				20.1	
MCA				39.9	
Maximum Circuit Br	eaker			40	
	Cooling	Rated		3.36	
Input Power	cooning	Min.–Max.	kW	0.85-3.52	
inputrower	Heating	Rated	KVV	3.85	
	heading	Min.–Max.		0.67–5.39	
Power Factor	Cooling Heating		%	98.7	
Towerractor				98.5	
OTHER					
Moisture Removal		pints/h (L/h)	4.6 (2.2)		
Energy Star				No	
	Material		LDPE		
Drain hose	Tip diameter	in (mm)		3.0) [I.D.], Ø5/8 to Ø11/16	
	np diameter		(1	6.0 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		
Static pressure range		inWG (Pa)	0.08 to 1 (20 to 250)		

DIMENSIONS:



A (Supply duct)

19-1/2 (495)

Model

AMUG36LMAS

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

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H (Unit height)

57 (1,448)

W (Unit width)

21 (533)

Units: In. (mm)

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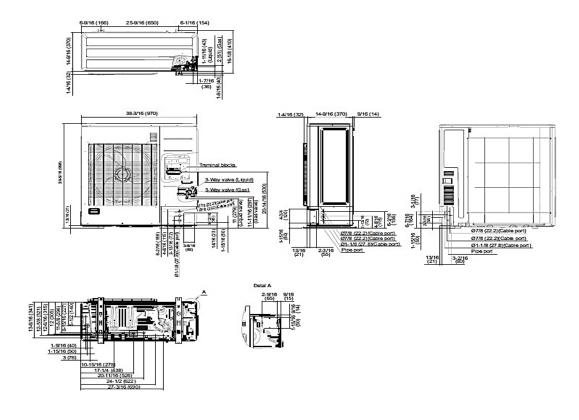
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DIMENSIONS

36,000 BTU Multi Position AHU

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/G7°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/G0°F (15.6°C) WB, and outdoor temperature of 47°F (8.3°C) DB/43°F (6.1°C) WB. Pipe length: 251c (7.5m), Height difference: Oft. (Om) (Outdoor unit – indoor unit).

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36,000 BTU Multi Position AHU

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)

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