

SUBMITTAL 36LMAS1

AIRSTAGE

36,000 BTU Multi Position AHU

Inverter Driven Heat Pump

Job Name		
Location	Date	
Engineer	Approval	
Submitted To	Construction	
Submitted By	Unit No	
Reference	Drawing No	

PRODUCT FEATURES

Gross Weight

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)



MODEL NUMBERS			
Indoor Unit			AMUG36LMAS
Outdoor Unit			AOUG36LMAS1
System			36LMAS1
EFFICIENCIES			
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 TEMPERATUI	RE OPERATIO	N RANGE	
Cooling	°F(°C)		14 to 115 (-10 to 46)
Heating	- F(C)		-4 to 75 (-20 to 24)
CAPACITIES			
Cooling	Rated		36000
cooning	Min.–Max.	Btu/h	13,000–38,000
Heating	Rated	DLU/II	42000
5	Min.–Max.	-	11,000–52,000
LINESET REQUIREMENT	S		
Connection Method			Flare
Liquid	in (mm)		Ø3/8 (9.52)
Gas			Ø5/8 (15.88)
Pre-charge length			98 (30)
Minimum Length	ft (m)		16 (5)
Max. length	ic (iii)		230 (70)
Max. height difference			98 (30)
INDOOR DIMENSIONS &	WEIGHT		
Net (H × W × D)	in (mm)		57 × 21 × 21- 11/16
Gross (H × W × D)			57- 1/8 × 23 × 26- 1/2
Net Weight	IF (1)		132 (60)
Gross Weight	lb (kg)		146 (66)
OUTDOOR DIMENSIONS	& WEIGHT		
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 × 41-1	4/16 × 18-13/16 (1,162 × 1,064 × 478)
Net Weight			198 (90)
Gross Weight	lb (kg)		220 (100)

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*	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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220 (100)

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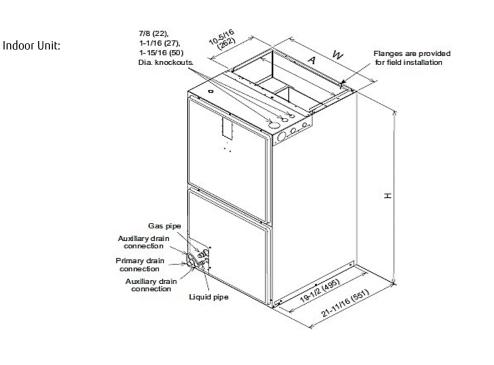
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FAN DATA				
		HIGH		1,200 (2,039)
	Carlina	MED		740 (1,257)
	Cooling	LOW		590 (1,002)
Indoor Unit Airflow rate		QUIET		490 (833)
Indoor onit Annow rate		HIGH	CFM (m3/h)	1,200 (2,039)
	Hasting	MED		740 (1,257)
	Heating	LOW		590 (1,002)
		QUIET		490 (833)
Outdoor Unit Airflow	Cooling			2,590 (4,400)
rate	Heating			2,590 (4,400)
SOUND PRESSURE				
	Cooling	HIGH		41
		MED		30
	cooning	LOW		27
Indoor Unit		QUIET		24
		HIGH	dB (A)	40
	Heating	MED	00 (/ ()	35
		LOW		28
		QUIET		26
Outdoor Unit	Cooling			53
	Heating			54
REFRIGERANT				
Туре				R410A
Charge	lb oz			9 lb 8 oz
	g			4300
Oil Type				POE (RB68)

ELECTRICAL SPEC	FICATIONS				
Voltage/Frequency	y/Phase			208/230 V ~ 60 Hz	
Available Voltage	Range			187–253 V	
Current	Cooling	Rated		14.8	
Current	Heating	Rated		17	
Maximum Operati	ing Current	Cooling		32.4	
Maximum Operating Current		Heating	A	32.4	
Starting current				20.1	
MCA				39.9	
Maximum Circuit I	Breaker			40	
	Cooling	Rated		3.36	
Input Power	Cooning	Min.–Max.	kW	0.85-3.52	
input Power	Heating	Rated	KVV	3.85	
	Heating	Min.–Max.		0.67-5.39	
Power Factor	Cooling		%	98.7	
FUWEITACLOI	Heating		/0	98.5	
OTHER					
		pints/h (L/h)	4.6 (2.2)		
Energy Star				No	
	Material		LDPE		
Drain hose	Tip diameter	in (mm)	Ø1/2 (13.0) [I.D.], Ø5/8 to Ø11/	D.], Ø5/8 to Ø11/16	
	rip ulameter		(1	6.0 to 16.7) [O.D.]	
	Castina	°F (°C)		64 to 90 (18 to 32	
Operation Range	Cooling	%RH			
5	Heating	°F (°C)		60 to 86 (16 to 30)	
Static pressure rar	ige	inWG (Pa)	0.	08 to 1 (20 to 250)	

DIMENSIONS:



				Return Openi
Model	A (Supply duct)	W (Unit width)	H (Unit height)	Width
5LMAS	19-1/2 (495)	21 (533)	57 (1,448)	19 3/8

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Units: In. (mm)

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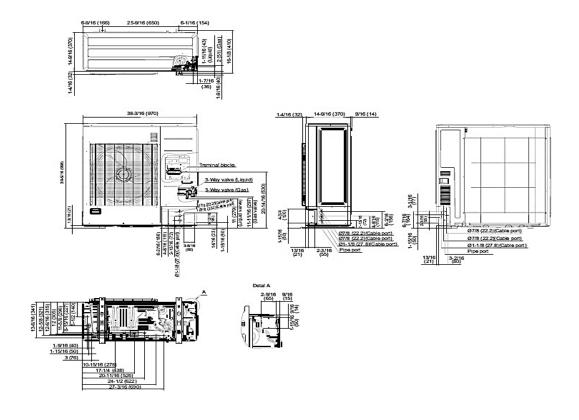
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DIMENSIONS

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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: 25ft. (7.5m), Height difference: Oft. (Om) (Outdoor unit – indoor unit).

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