

Inverter Driven Heat Pump

48,000 BTU Multi Position AHU

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

PRODUCT FEATURES

Up to 1.0" WC

Net Weight

Gross Weight

Net (H x W x D)

Net Weight

Gross Weight

Effective Date:

Gross (H x W x D)

OUTDOOR DIMENSIONS & WEIGHT

lb (kg)

in (mm)

lb (kg)

2-Wire Wired Remote Controls

Aluminum Indoor Unit Coil

True four position : Up,Down,Right/Left

Long Lineset Lengths (up to 246')

Low Air Leakage Rate (2% or less)

Built in Base Pan Heater

Heating operation rated down to -15°F outdoor temperature

Integral Electric Heat Kit - Optional Airzone Zoning Kit - Optional

MODEL NUMBERS			
Indoor Unit			AMUG48LMAS
Outdoor Unit			AOUH48LMAH1
System			48LMAH1M
EFFICIENCIES			IOEM WITH
SEER			16.3
SEER 2			16.6
EER			9.1
EER 2			8.8
HSPF			10.2
HSPF 2			10
СОР	kW/kW		3.54
СОР	Btu/hW		12.1
COP2	kW/kW		3.62
COP2	Btu/hW		12.3
OUTDOOR TEMPERATU	IRE OPERATIO	N RANGE	
Cooling	°F(°C)		-5 to 115 (-21 to 46)
Heating	- F(C)		-15 to 75 (-26 to 24)
CAPACITIES			
Cooling	Rated		45500
Cooling	Min.–Max.	Btu/h	13,000–50,000
Heating	Rated	Dtu/II	51000
пеаші	Min.–Max.		15,000–55,000
LINESET REQUIREMEN	TS		
Connection Method			Flare
Liquid	in (mm)		Ø 3/8 (Ø 9.52)
Gas	()		Ø 5/8 (Ø 15.88)
Pre-charge length			98 (30)
Minimum Length	ft (m)		16 (5)
Max. length			246 (75)
Max. height difference			98 (30)
INDOOR DIMENSIONS	& WEIGHT		
Net (H × W × D)	in (mm)		57 × 21 × 21-11/16
Gross (H × W × D)	111 (111111)		57-1/8 × 23 × 26-1/2





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
UTY-VMSX	Modbus 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

12/13/2022 https://connect.fujitsugeneral.com
Fujitsu General America, Inc. • 340 Changebrige Rd, Pine Brook, NJ 07058 • Toll Free: (888) 888-3424 • www.fujitsugeneral.com

132 (60.0)

146 (66.0)

236 (107)

260 (118)

52-1/2 × 38-3/16 × 14-9/16

59-5/16 × 41-7/8 × 18-13/16 (1,506 × 1,064 × 478)



AIRSTAGE

FUITSU

Inverter Driven Heat Pump

48,000 BTU Multi Position AHU

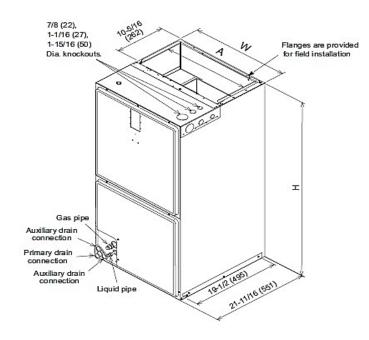
FAN DATA				
		HIGH		1,640 (2,786)
	Cooling	MED	CFM (m3/h)	1,020 (1,733)
		LOW		820 (1,393)
Indoor Unit Airflow rate		QUIET		590 (1,002)
III0001 UIIIL AIIII0W Iate	Heating	HIGH		1,640 (2,786)
		MED		1,020 (1,733)
		LOW		820 (1,393)
		QUIET		590 (1,002)
Outdoor Unit Airflow	Cooling			4,297 (7,300)
rate	Heating			3,649 (6,200)
SOUND PRESSURE				
		HIGH	dB (A)	48
	Cooling	MED		36
		LOW		31
Indoor Unit		QUIET		25
indoor onic	Heating	HIGH		47
		MED		37
		LOW		32
		QUIET		29
Outdoor Unit	Cooling			54
	Heating			54
REFRIGERANT				
Туре				R410A
Charge	lb oz			10 lb 9 oz
ege	g			4800
Oil Type				POE (RB68)

ELECTRICAL SPEC	IFICATIONS			
Voltage/Frequency/Phase				208/230 V ~ 60 Hz
Available Voltage Range				187–253 V
Current	Cooling	Rated		22.9
Current	Heating	Rated		18.8
Maximum Operating Current		Cooling		28.9
		Heating	A	35.9
Starting current				22.2
MCA				42.4
Maximum Circuit	Breaker			45
	Cooling	Rated		5.17
Input Power		Min.–Max.	kW	0.85-6.00
iliput rowei	Heating	Rated	KVV	4.22
	rieating	Min.–Max.		0.90-5.41
Power Factor	Cooling Heating		%	98.2
rowerractor				97.6
OTHER				
Moisture Remova		pints/h (L/h)		9.3 (4.4)
Energy Star				No
	Material		LDPE	
Drain hose	Tip diameter	in (mm)	Ø1/2 (13.0) [I.D.], Ø5/8 to Ø11/16	
			(16.0 to 16.7) [O.D.]	
	Cooling	°F (°C)	64 to 90 (18 to 32)	
Operation Range		%RH	_	
	Heating	°F (°C)	60 to 86 (16 to 30)	
Static pressure rai	nge	inWG (Pa)	0.08 to 1 (20 to 250)	

DIMENSIONS:

Units: In. (mm)





Model	A (Supply duct)	W (Unit width)	H (Unit height)
AMUG48LMAS	19-1/2 (495)	21 (533)	57 (1,448)

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

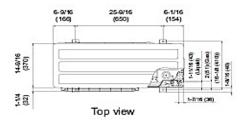
AIRSTAGE

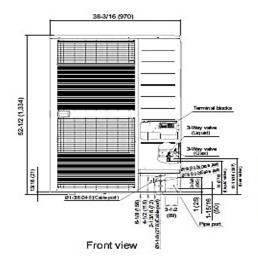
Inverter Driven Heat Pump

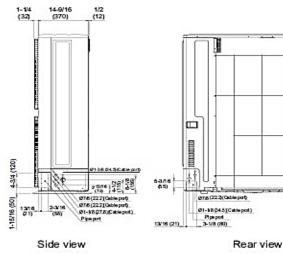
48,000 BTU Multi Position AHU

DIMENSIONS Units: In. (mm)

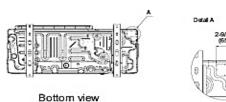
Outdoor Unit







(45) (4)



The Fujitsu logo is a worldwide trademark of Fujitsu General Limited. The Airstage logo and name is a worldwide trademark of Fujitsu General Limited and is a registered trademark in Japan, the USA and other countries or areas. Copyright 2022 Fujitsu General America, Inc. Fujitsu's products are subject to continuous improvements. Fujitsu reserves the right to modify product design, specifications and information in this brochure without notice and without incurring any obligations.

Note: Specifications are based on the following conditions:
Cooling: Indoor temperature of 80Ff (26.7°C) D8/67Ff (19.4°C) WB, and outdoor temperature of 95Ff (35°C) DB/75Ff (23.9°C)
WB. Heating: Indoor temperature of 70Ff (21.1°C) D8/60Ff (15.6°C) WB, and outdoor temperature of 47°Ff (8.3°C) DB/43°F
(6.1°C) WB. Pipe length: 25ft. (7.5m), Height difference: 0ft. (0m) (Outdoor unit - indoor unit).