

Inverter Driven Heat Pump

9,000 BTU Single Zone Wall Mounted System

Job Name _____
 Location _____
 Engineer _____
 Submitted To _____
 Submitted By _____
 Reference _____

Date _____
 Approval _____
 Construction _____
 Unit No _____
 Drawing No _____

PRODUCT FEATURES

Auto Changeover
 24 hr. Timer
 Auto Louver: Up/Down
 Minimum Heat Mode
 Wireless Remote Control Included
 Auto Restart
 Economy Mode
 Auto Fan Mode



MODEL NUMBERS	
Indoor Unit	ASUH09LMAS
Outdoor Unit	AOUH09LMAH1
System	09LMAH1

EFFICIENCIES	
SEER	26.5
SEER 2	26.5
EER	15.4
EER 2	15.4
HSPF	13
HSPF 2 (IV) / HSPF 2 (V)	12.3/9.6
COP	kW/kW 4.46
COP	Btu/hW 15.2
COP2	kW/kW 4.46
COP2	Btu/hW 15.2

OUTDOOR TEMPERATURE OPERATION RANGE	
Cooling	*F(°C) 14 to 115 (-10 to 46)
Heating*	*-15 to 75 (-26 to 24)

CAPACITIES	
Cooling	Rated 9000
	Min.-Max. 3,400-11,500
Heating	Rated 12000
	Min.-Max. 2,800-16,000

LINESET REQUIREMENTS	
Connection Method	Flare
Liquid	in (mm) Ø1/4 (Ø6.35)
Gas	Ø3/8 (Ø9.52)
Pre-charge length	ft (m) 49 (15)
Minimum Length	10 (3)
Max. length	66 (20)
Max. height difference	49 (15)

INDOOR DIMENSIONS & WEIGHT	
Net (H x W x D)	in (mm) 10-5/8 x 32-13/16 x 8-3/4 (270 x 834 x 222)
Gross (H x W x D)	10-7/8 x 36 x 13-1/16 (277 x 914 x 332)
Net Weight	lb (kg) 22 (10)
Gross Weight	29 (13)

OUTDOOR DIMENSIONS & WEIGHT	
Net (H x W x D)	in (mm) 21-5/16 x 31-7/16 x 11-7/16 (542 x 799 x 290)
Gross (H x W x D)	23-11/16 x 37 x 14-3/4 (602 x 940 x 375)
Net Weight	lb (kg) 73 (33)
Gross Weight	79 (36)

* 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*	Wired remote controller
UTY-RSRY	Simple remote controller
UTY-RHRY	Simple remote controller
UTY-XWZX	External Connect Kit
UTY-XWZXZ5	External Connect Kit
UTY-XCSXZ2	External Input and Output PCB
UTY-TWRXZ2	Communication Kit
UTY-TFSXF1	Wireless LAN adapter
UTY-VMSX	Modbus Converter
UTY-TTRXZ1	24V Thermostat Converter
UTY-VTGX	Network Converter



This system combination is Energy Star qualified



+App available in Apple® App Store and Google® Play Store.

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: 05/07/2024

Fujitsu General America, Inc. • 342 Changebridge Rd, Pine Brook, NJ 07058 • Toll Free: (888) 888-3424 • www.fujitsugeneral.com

9,000 BTU Single Zone Wall Mounted System

ELECTRICAL SPECIFICATIONS				
Voltage/Frequency/Phase		208/230 V- 60 Hz		
Available Voltage Range		187–253 V		
Current	Cooling	Rated	A	3.9
	Heating	Rated		3.9
Maximum Operating Current		Cooling		6.9
		Heating		9.4
Starting Current				3.9
MCA				9.7
Maximum Circuit Breaker			15	
Input Power	Cooling	Rated	kW	0.585
		Min.–Max.		0.14–1.27
	Heating	Rated		0.79
		Min.–Max.		0.14–1.67
Power Factor	Cooling		%	84.8
	Heating			88.1
OTHER				
Moisture Removal		pints/h (L/h)	2.7 (1.3)	
Energy Star			Yes	
Drain hose	Material		PP+HDPE	
	Tip diameter	in (mm)	Ø17/32 (Ø13.8) (I.D.), Ø19/32 to 21/32 (Ø15.0 to 16.8) (O.D.)	
Operation Range	Cooling	°F (°C)	64 to 90 (18 to 32)	
		%RH	80 or less	
	Heating	°F (°C)	60 to 86 (16 to 30)	

Units: In. (mm)

Technical drawing of the indoor unit for the R410A system, showing dimensions in inches and millimeters.

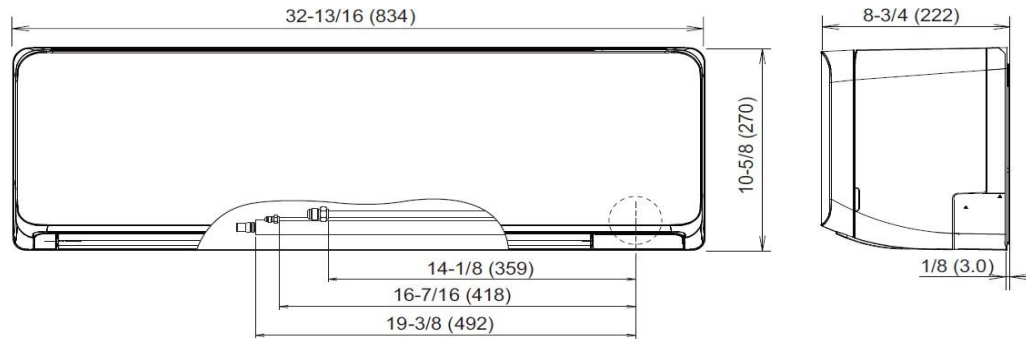
Dimensions (inches / millimeters):

- Overall width: 32-13/16 (834)
- Overall height: 10-5/8 (270)
- Top left section: 2-5/8 (67)
- Top middle section: 12-7/8 (327)
- Top right section: 12-7/8 (327)
- Top right corner: 4-7/16 (113)
- Left side section: 1-11/16 (43)
- Right side section: 1-11/16 (43)
- Bottom left section: 1-15/16 (50)
- Bottom middle section: 13-9/16 (344)
- Bottom right section: 14 (356)
- Bottom right corner: 3-5/16 (84)
- Distance from left edge to pipe inlet: 2-7/16 (62)
- Distance from right edge to pipe inlet: 2-7/16 (62)
- Pipe inlet diameter: \varnothing 2-9/16 (65)
- Outline of indoor unit

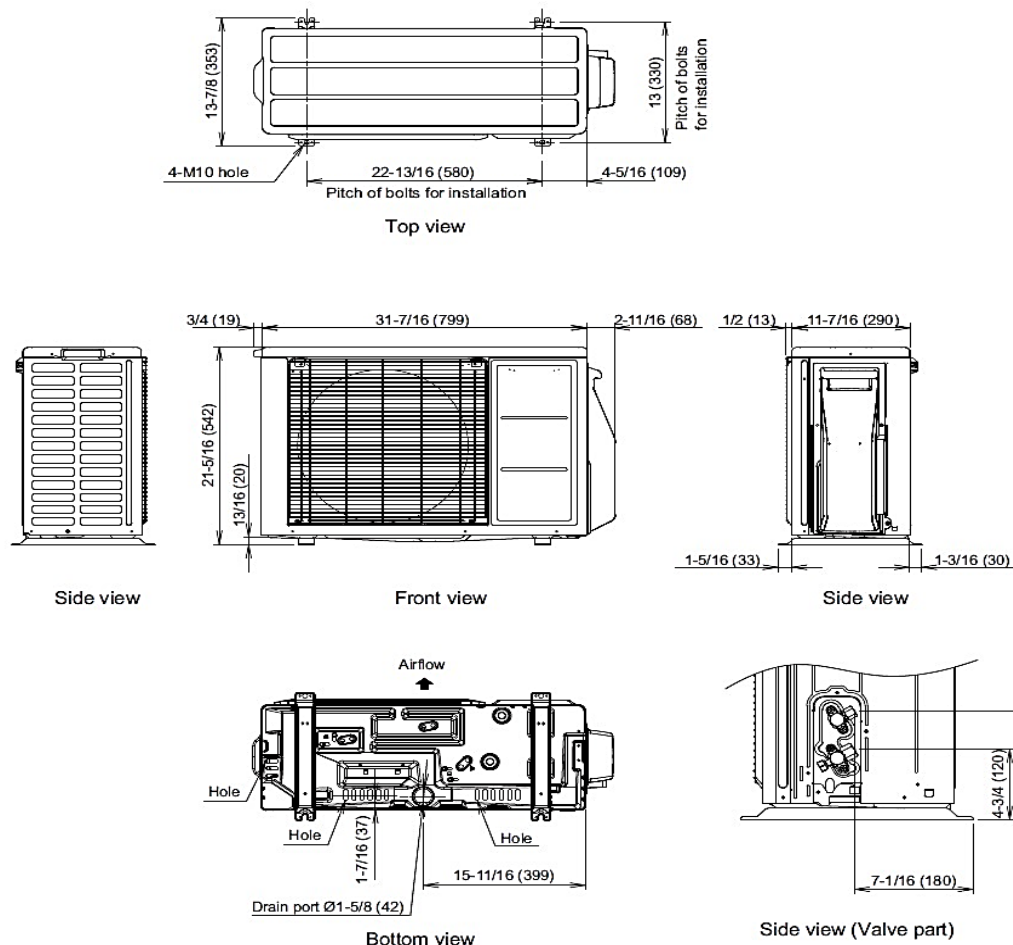
DIMENSIONS

Units: In. (mm)

Indoor Unit



Outdoor Unit



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 2024 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 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).