

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
2-Wire control Compatible
2 Communication (UART) Ports
BACnet Compatible
Modbus Compatible



MODEL NUMBERS			
Indoor Unit		ASUH09LMAS	
Outdoor Unit		AOUH09LMAS1	
System		09LMAS1	
EFFICIENCIES			
SEER		26.5	
SEER 2		26.5	
EER		14.3	
EER 2		14.3	
HSPF		13	
HSPF 2 (IV) / HSPF 2 (V)		12.6/9.9	
COP	kW/kW		4.2
COP	Btu/hW		14.3
COP2	kW/kW		4.2
COP2	Btu/hW		14.3
OUTDOOR TEMPERATURE OPERATION RANGE			
Cooling	*F(*C)	14 to 115 (-10 to 46)	
Heating*		*5 to 75 (-15 to 24)	
CAPACITIES			
Cooling	Rated	Btu/h	9000
	Min.—Max.		3,400–10,900
Heating	Rated		12000
	Min.—Max.		2,800–15,000
LINESET REQUIREMENTS			
Connection Method		Flare	
Liquid	in (mm)	Ø1/4 (Ø6.35)	
Gas		Ø3/8 (Ø9.52)	
Pre-charge length		49 (15)	
Minimum Length		10 (3)	
Max. length		66 (20)	
Max. height difference	ft (m)	49 (15)	
INDOOR DIMENSIONS & WEIGHT			
Net (H × W × D)	in (mm)	10-5/8 × 32-13/16 × 8-3/4 (270 × 834 × 222)	
Gross (H × W × D)		10-7/8 × 36 × 13-1/16 (277 × 914 × 332)	
Net Weight	lb (kg)	22 (10)	
Gross Weight		29 (13)	
OUTDOOR DIMENSIONS & WEIGHT			
Net (H × W × D)	in (mm)	21-5/16 × 31-7/16 × 11-7/16 (542 × 799 × 290)	
Gross (H × W × D)		23-11/16 × 37 × 14-3/4 (602 × 940 × 375)	
Net Weight	lb (kg)	68 (31)	
Gross Weight		75 (34)	

* 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

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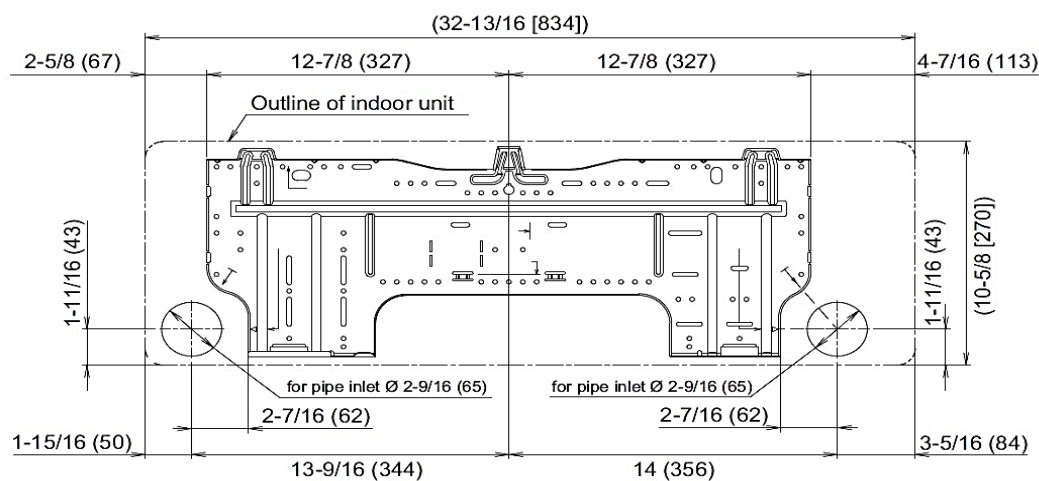
FAN DATA				
Indoor Unit Airflow rate	Cooling	HIGH	CFM (m3/h)	453 (770)
		MED		353 (600)
		LOW		265 (450)
		QUIET		147 (250)
	Heating	HIGH		453 (770)
		MED		377 (640)
		LOW		306 (520)
		QUIET		182 (310)
Outdoor Unit Airflow rate	Cooling		954 (1,620)	
	Heating		954 (1,620)	
SOUND PRESSURE				
Indoor Unit	Cooling	HIGH	dB (A)	43
		MED		36
		LOW		30
		QUIET		19
	Heating	HIGH		43
		MED		38
		LOW		33
		QUIET		21
Outdoor Unit	Cooling		46	
	Heating		48	
REFRIGERANT				
Type				R410A
Charge	lb oz	2 lb 2 oz		
	g	950		
Oil Type				RB68A

ELECTRICAL SPECIFICATIONS				
Voltage/Frequency/Phase		208/230 V~ 60 Hz		
Available Voltage Range		187–253 V		
Current	Cooling	Rated	A	3.1
	Heating	Rated		4
Maximum Operating Current		Cooling		6.4
		Heating		7.9
Starting Current				4
MCA				9.7
Maximum Circuit Breaker			15	
Input Power	Cooling	Rated	kW	0.63
		Min.–Max.		0.14–0.92
	Heating	Rated		0.84
		Min.–Max.		0.14–1.61
Power Factor	Cooling	%	88.4	
	Heating		91.3	
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)	
	Heating	°F (°C)	80 or less 60 to 86 (16 to 30)	

DIMENSIONS:

Units: In. (mm)

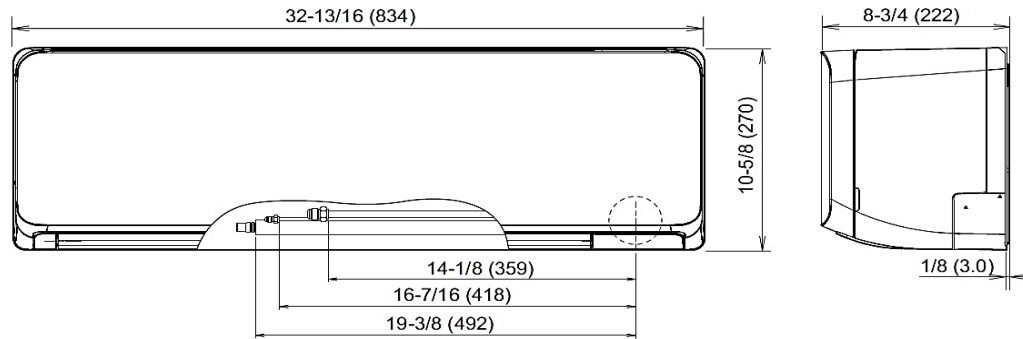
Wall Bracket Data:



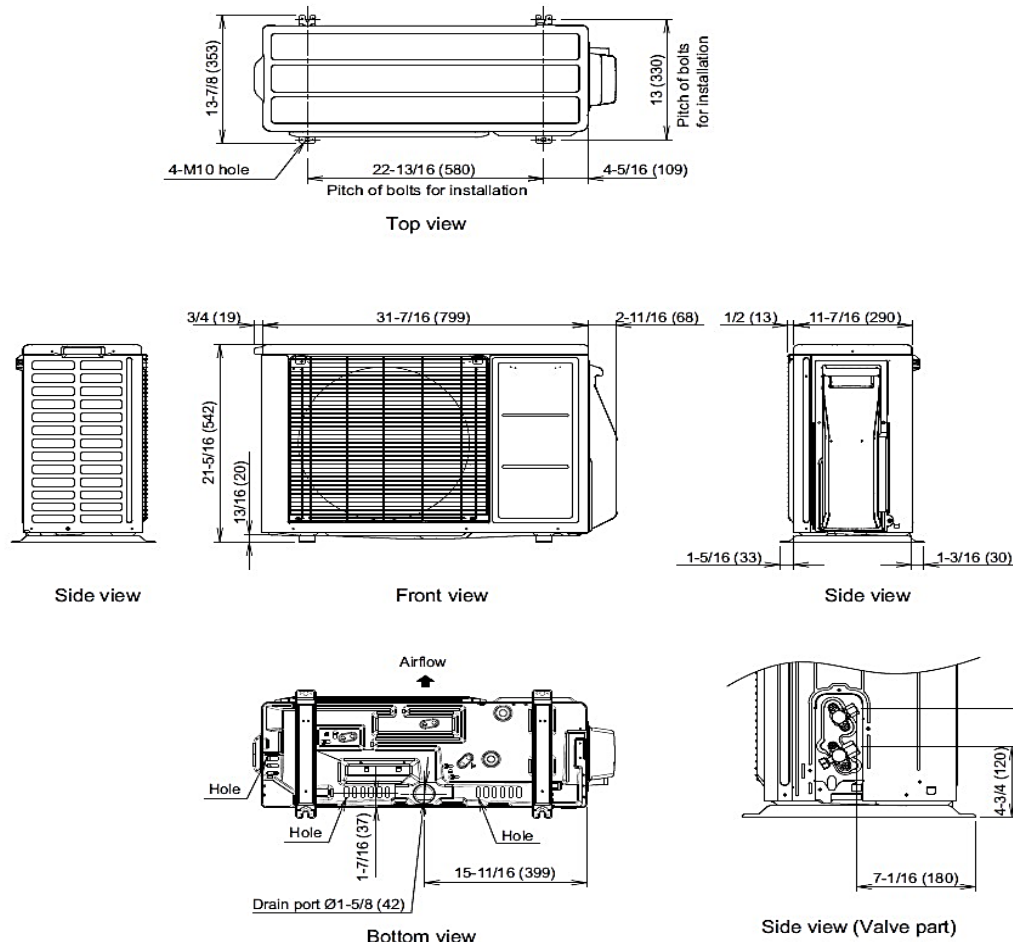
DIMENSIONS

Units: In. (mm)

Indoor Unit



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).