

Inverter Driven Heat Pump

12,000 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	ASUH12LMAS
Outdoor Unit	AOUH12LMBH1
System	12LMBH1

EFFICIENCIES

SEER	--	
SEER 2	23	
EER	--	
EER 2	12.5	
HSPF	--	
HSPF 2 (IV) / HSPF 2 (V)	11.1/8.2	
COP	kW/kW	--
COP	Btu/hW	--
COP2	kW/kW	4.14
COP2	Btu/hW	14.1

OUTDOOR TEMPERATURE OPERATION RANGE

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

CAPACITIES

Cooling	Rated	Btu/h	12000
	Min.-Max.		3,400-13,300
Heating	Rated		14000
	Min.-Max.		2,800-19,100

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)

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-RSRV	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
UTY-VKXS	KNX Converter
UTY-VTGXV	Network Converter (AC power supply)
UTY-TERX	External Switch Controller



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: 11/30/2022

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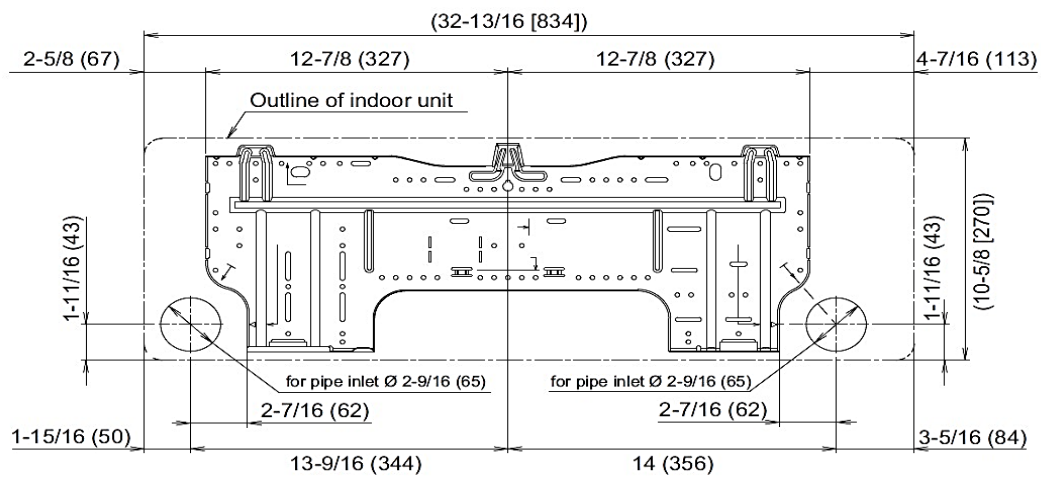
FAN DATA			
Indoor Unit Airflow rate	Cooling	HIGH	453 (770)
		MED	353 (600)
		LOW	265 (450)
	Heating	QUIET	147 (250)
		HIGH	453 (770)
		MED	377 (640)
Outdoor Unit Airflow rate	LOW	306 (520)	
	QUIET	182 (310)	
	Heating	1,065 (1,810)	
SOUND PRESSURE			
Indoor Unit	Cooling	HIGH	43
		MED	36
		LOW	30
	Heating	QUIET	19
		HIGH	43
		MED	38
Outdoor Unit	LOW	33	
	QUIET	21	
	Heating	49	
REFRIGERANT			
Type			R410A
Charge	lb oz	2 lb 3 oz	
	g	1000	
Oil Type			RB68A

ELECTRICAL SPECIFICATIONS			
Voltage/Frequency/Phase		208/230 V- 60 Hz	
Available Voltage Range		187-253 V	
Current	Cooling	Rated	4.7
	Heating	Rated	4.8
Maximum Operating Current	Cooling	A	6.9
	Heating		9.4
Starting Current		4.8	
MCA		12.5	
Maximum Circuit Breaker		15	
Input Power	Cooling	Rated	kW
		Min.-Max.	
	Heating	Rated	
Power Factor	Cooling	%	88.8
	Heating		89.7
OTHER			
Moisture Removal	pints/h (L/h)	3.8 (1.8)	
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	%RH	80 or less
		°F (°C)	60 to 86 (16 to 30)

DIMENSIONS:

Units: In. (mm)

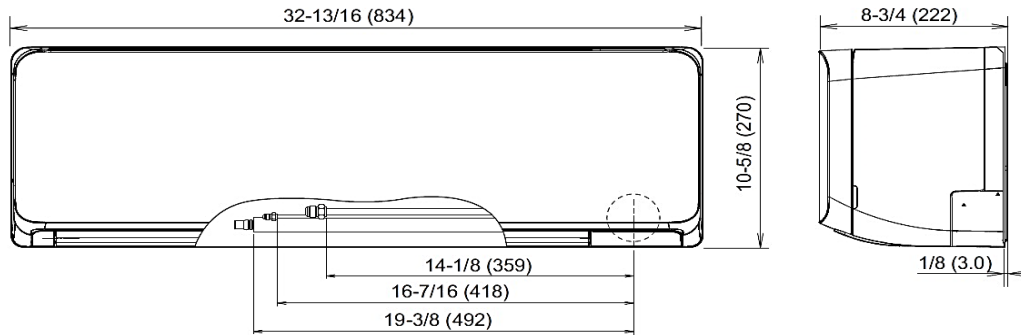
Wall Bracket Data:



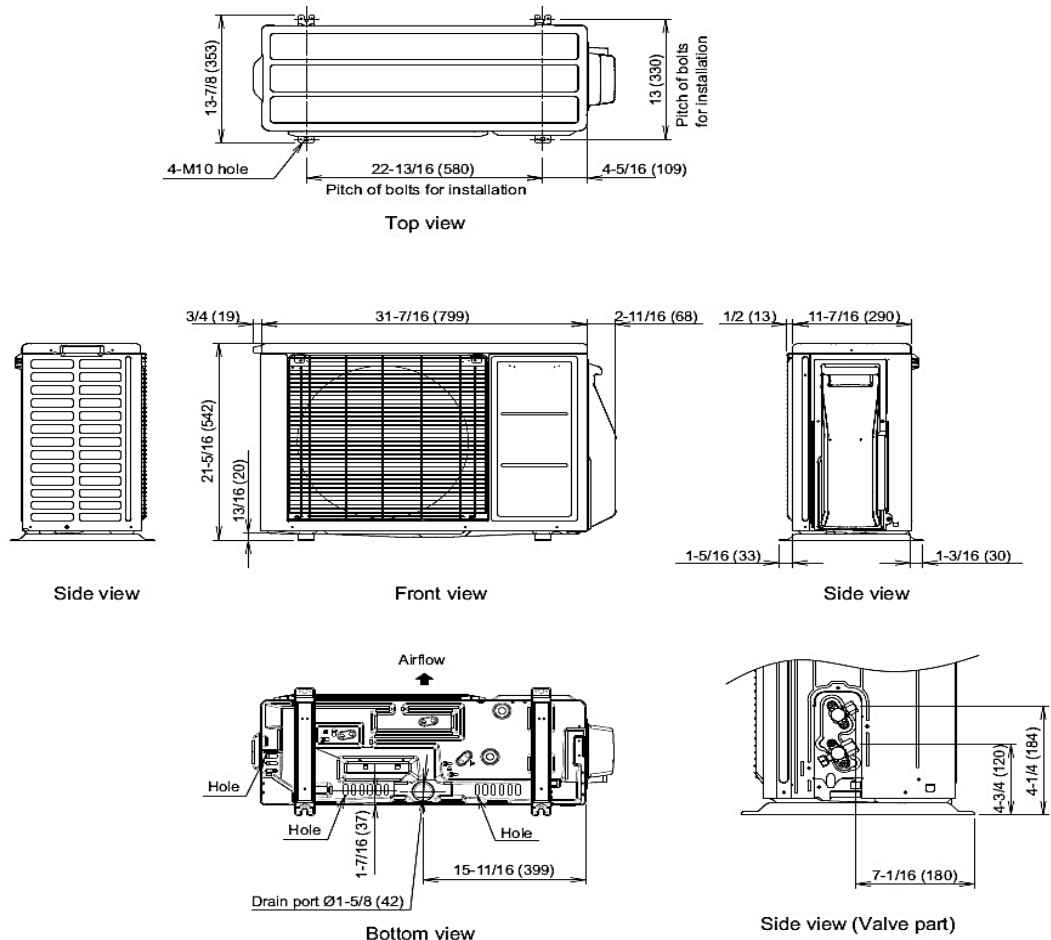
DIMENSIONS

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).