

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
 Weekly & 24 hr. Timer
 Auto Louver: Up/Down
 Minimum Heat Mode (Wi-Fi Adapter required)
 Wireless Remote Control Included
 Auto Restart
 Economy Mode
 Energy Saving Program (ESP)
 Outdoor Unit Low Noise Schedule



MODEL NUMBERS	
Indoor Unit	ASUH12LPAS
Outdoor Unit	AOUH12LPAS1
System	12LPAS1

EFFICIENCIES	
SEER	20
SEER 2	20
EER	11
EER 2	11
HSPF	11
HSPF 2 (IV) / HSPF 2 (V)	10.5/8.4
COP	kW/kW 3.72
COP	Btu/hW 12.7
COP2	kW/kW 3.72
COP2	Btu/hW 12.7

OUTDOOR TEMPERATURE OPERATION RANGE	
Cooling	*F(°C) 14 to 115 (-10 to 46)
Heating*	*5 to 75 (-15 to 24)

CAPACITIES	
Cooling	Rated 12000
	Min.-Max. 3,400-12,700
Heating	Rated 14000
	Min.-Max. 3,100-17,000

LINESET REQUIREMENTS	
Connection Method	Flare
Liquid	in (mm) Ø 1/4 (Ø 6.35)
Gas	Ø 3/8 (Ø 9.52)
Pre-charge length	ft (m) 49 (15)
Minimum Length	16 (5)
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 (10.0)
Gross Weight	29 (13.0)

OUTDOOR DIMENSIONS & WEIGHT	
Net (H x W x D)	in (mm) 21-5/16 x 31-7/16 x 11-7/16
Gross (H x W x D)	23-11/16 x 37 x 14-3/4 (602 x 940 x 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: 04/18/2024

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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			989 (1,680)
	Heating			989 (1,680)

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			47
	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	4.9
	Heating	Rated		4.9
Maximum Operating Current	Cooling			6.9
	Heating			7.9
Starting Current				4.9
MCA				9.7
Maximum Circuit Breaker				15
Input Power	Cooling	Rated	kW	1.09
		Min.–Max.		0.14–1.33
	Heating	Rated		1.1
		Min.–Max.		0.14–1.61
Power Factor	Cooling		%	96.7
	Heating			97.6

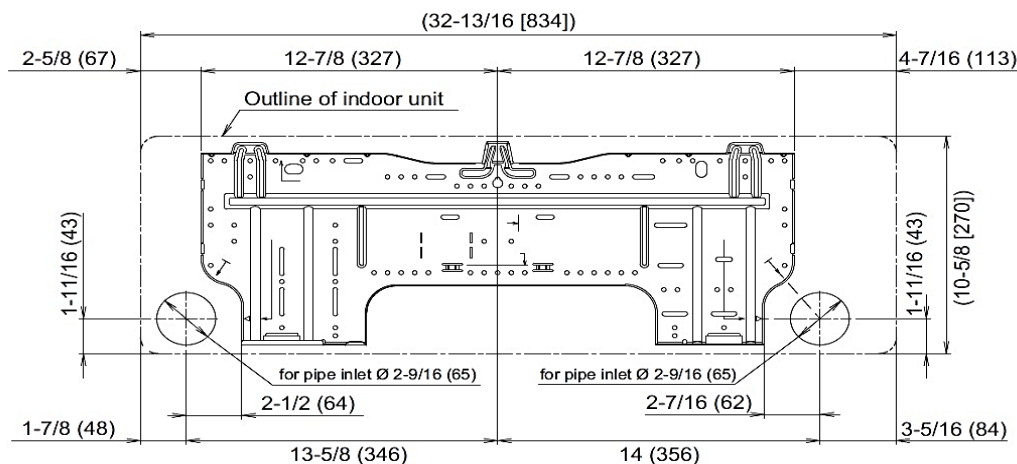
OTHER

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:



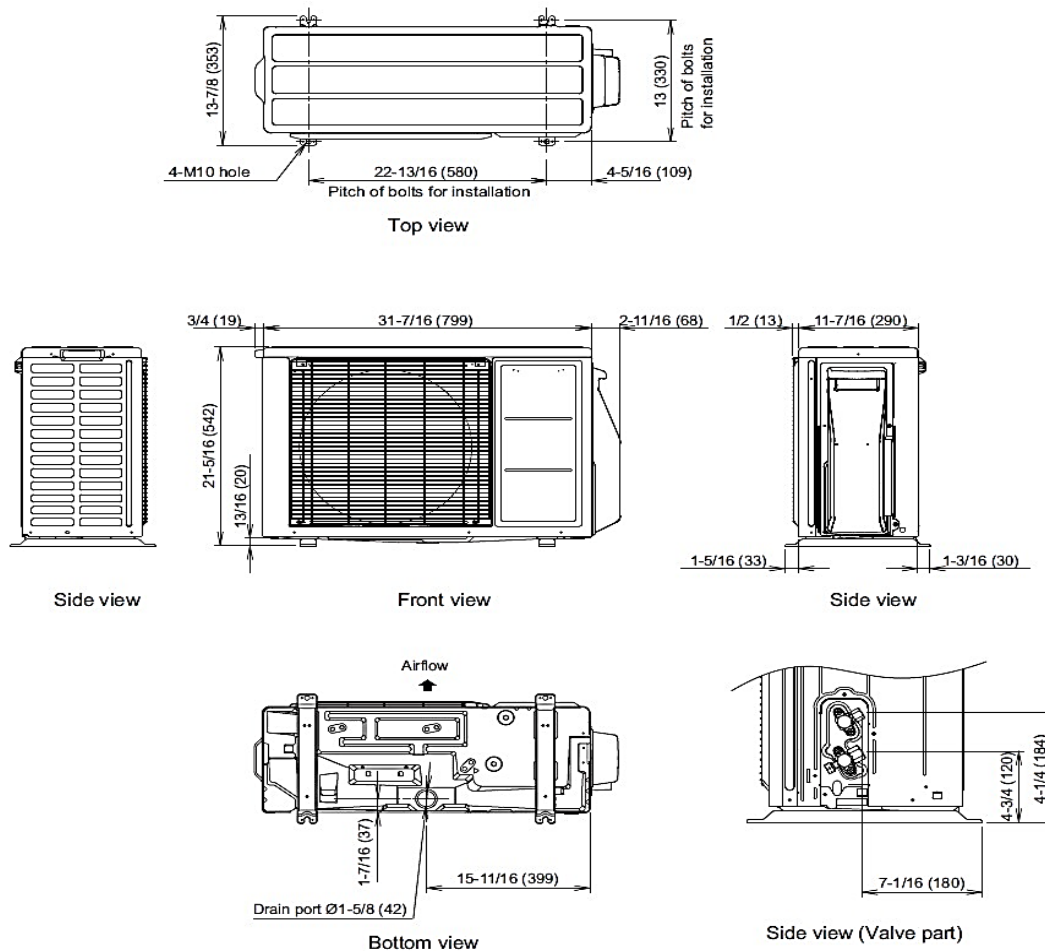
DIMENSIONS

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).