

## Inverter Driven Heat Pump

## 18,000 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	ASUH18LPAS
Outdoor Unit	AOUH18LPAS1
System	18LPAS1

### EFFICIENCIES

SEER	20
SEER 2	20
EER	12
EER 2	12
HSPF	11
HSPF 2 (IV) / HSPF 2 (V)	10.5/8.2
COP	kW/kW 3.96
COP	Btu/hW 13.5
COP2	kW/kW 3.96
COP2	Btu/hW 13.5

### 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	18000
	Min.-Max.		4,000-19,000
Heating	Rated	Btu/h	18000
	Min.-Max.		2,800-24,000

### LINESET REQUIREMENTS

Connection Method	Flare		
Liquid	in (mm)		Ø 1/4 (Ø 6.35)
Gas			Ø 1/2 (Ø 12.7)
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)	11 x 38-9/16 x 9-7/16 (280 x 980 x 240)
Gross (H x W x D)		12-11/16 x 42-7/16 x 13-5/8 (322 x 1,078 x 346)
Net Weight	lb (kg)	29 (13)
Gross Weight		37 (17)

### OUTDOOR DIMENSIONS & WEIGHT

Net (H x W x D)	in (mm)	24-7/8 x 31-7/16 x 11-7/16 (632 x 799 x 290)
Gross (H x W x D)		27-1/4 x 37 x 14-3/4 (692 x 940 x 375)
Net Weight	lb (kg)	86 (39)
Gross Weight		95 (43)

### 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: 10/31/2022

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### FAN DATA

Indoor Unit Airflow rate	Cooling	HIGH	CFM (m3/h)	530 (900)
		MED		471 (800)
		LOW		377 (640)
		QUIET		241 (410)
	Heating	HIGH		506 (860)
		MED		406 (690)
		LOW		330 (560)
		QUIET		247 (420)
Outdoor Unit Airflow rate	Cooling			1,348 (2,290)
	Heating			1,348 (2,290)

### SOUND PRESSURE

Indoor Unit	Cooling	HIGH	dB (A)	44
		MED		42
		LOW		37
		QUIET		26
	Heating	HIGH		43
		MED		39
		LOW		34
		QUIET		28
Outdoor Unit	Cooling			50
	Heating			50

### REFRIGERANT

Type	R410A		
Charge	lb oz	2 lb 16 oz	
	g	1350	
Oil Type	RB68		

### ELECTRICAL SPECIFICATIONS

Voltage/Frequency/Phase		208/230 V ~60 Hz		
Available Voltage Range		187–253 V		
Current	Cooling	Rated	A	6.7
	Heating	Rated		5.9
Maximum Operating Current	Cooling			9.9
	Heating			11.9
Starting Current				6.7
MCA				14.7
Maximum Circuit Breaker				15
Input Power	Cooling	Rated	kW	1.5
		Min.–Max.		0.15–1.90
	Heating	Rated		1.33
		Min.–Max.		0.15–2.10
Power Factor	Cooling		%	97.3
	Heating			98

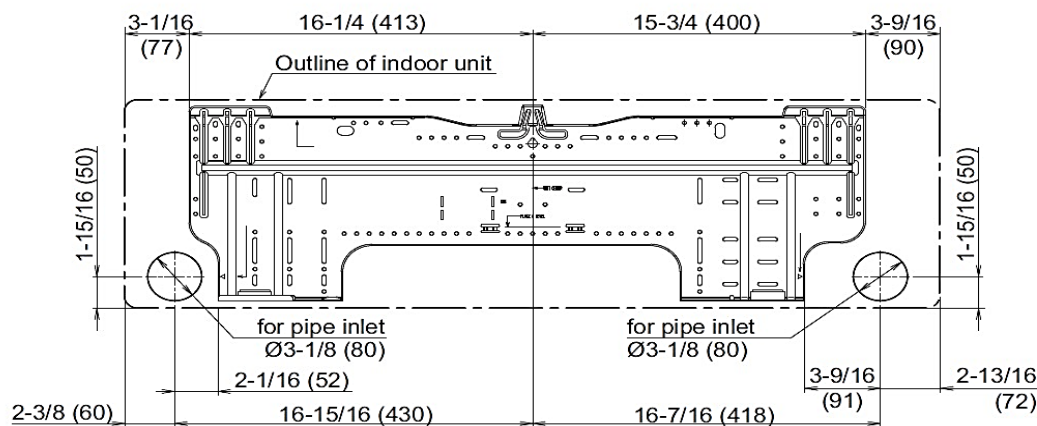
### OTHER

Moisture Removal		pints/h (L/h)	4.0 (1.9)
Energy Star			Yes
Drain hose	Material		PP+HDPE
	Tip diameter	in (mm)	Ø17/32 (Ø13.8) (I.D.), Ø5/8 to 21/32 (Ø15.8 to 16.7) (O.D.)
Operation Range	Cooling	°F (°C)	64 to 90 (18 to 32)
		%RH	80 or less
	Heating	°F (°C)	86 or less (30 or less)

### DIMENSIONS:

Units: In. (mm)

### Wall Bracket Data:



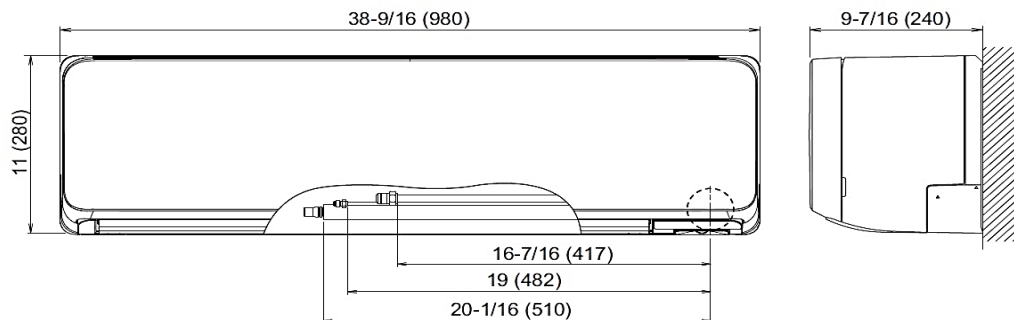
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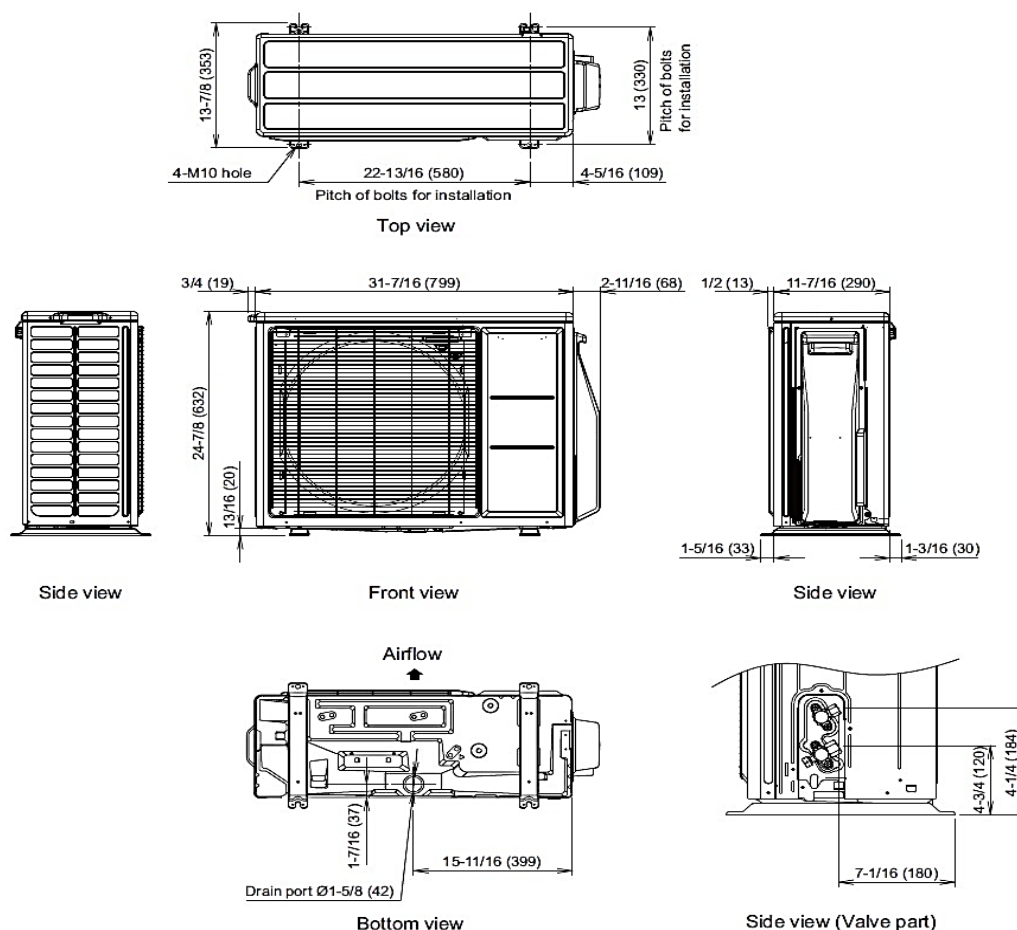
## DIMENSIONS

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).