

## Inverter Driven Heat Pump

## 12,000 BTU Single Zone High SEER Wall Mounted

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: 4 Way  
Minimum Heat Mode  
Built in WiFi  
Wireless Remote control  
Auto Restart  
Economy Mode  
Energy Saving Program(ESP)  
Outdoor Unit Low Noise Schedule



### MODEL NUMBERS

Indoor Unit	ASUG12LZAS
Outdoor Unit	AOUG12LZAS1
System	12LZAS1

### EFFICIENCIES

SEER	29.4
SEER 2	29.4
EER	15.2
EER 2	15.2
HSPF	14
HSPF 2	12.9
COP	kW/kW 4.64
COP	Btu/hW 15.8
COP2	kW/kW 4.64
COP2	Btu/hW 15.8

### OUTDOOR TEMPERATURE OPERATION RANGE

Cooling	*F(°C)	14 to 115 (-10 to 46)
Heating		-5 to 75 (-21 to 24)

### CAPACITIES

Cooling	Rated	Btu/h	12000
	Min.-Max.		3,100-13,600
Heating	Rated	Btu/h	16000
	Min.-Max.		3,100-22,100

### 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		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)	84 (38)
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-XWZXZ5	External Connect Kit
UTY-XCSXZ2	External Input and Output PCB
UTY-TWRXZ2	Communication Kit
UTY-TTRXZ1	24V Thermostat Interface



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: 10/30/2022

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### FAN DATA

Indoor Unit Airflow rate	Cooling	HIGH	CFM (m3/h)	542 (920)
		MED		406 (690)
		LOW		312 (530)
		QUIET		206 (350)
	Heating	HIGH		542 (920)
		MED		406 (690)
		LOW		312 (530)
		QUIET		206 (350)
Outdoor Unit Airflow rate	Cooling			1,171 (1,990)
	Heating			1,089 (1,850)

### SOUND PRESSURE

Indoor Unit	Cooling	HIGH	dB (A)	43
		MED		37
		LOW		31
		QUIET		23
	Heating	HIGH		43
		MED		36
		LOW		31
		QUIET		23
Outdoor Unit	Cooling			47
	Heating			47

### REFRIGERANT

Type	R410A	
Charge	lb oz	2 lb 14 oz
	g	1300
Oil Type	RB68	

### ELECTRICAL SPECIFICATIONS

Voltage/Frequency/Phase		208/230 V ~60 Hz		
Available Voltage Range		187–253 V		
Current	Cooling	Rated	A	3.8
	Heating	Rated		4.7
Maximum Operating Current	Cooling			9.4
	Heating			10.9
Starting Current				4.7
MCA				13.4
Maximum Circuit Breaker				15
Input Power	Cooling	Rated	kW	0.79
		Min.–Max.		0.11–0.99
	Heating	Rated		1.01
		Min.–Max.		0.17–1.94
Power Factor	Cooling		%	90
	Heating			93

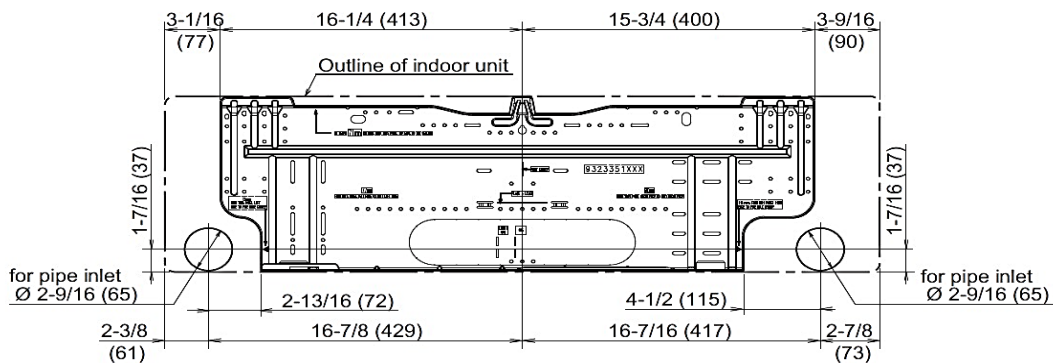
### OTHER

Moisture Removal		pints/h (L/h)	2.7 (1.3)
Energy Star			Yes
Drain hose	Material		PP+LLDPE
	Tip diameter	in (mm)	Ø7/32 (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)
	Heating	%RH	80 or less
		°F (°C)	60 to 86 (16 to 30)

### DIMENSIONS:

Units: In. (mm)

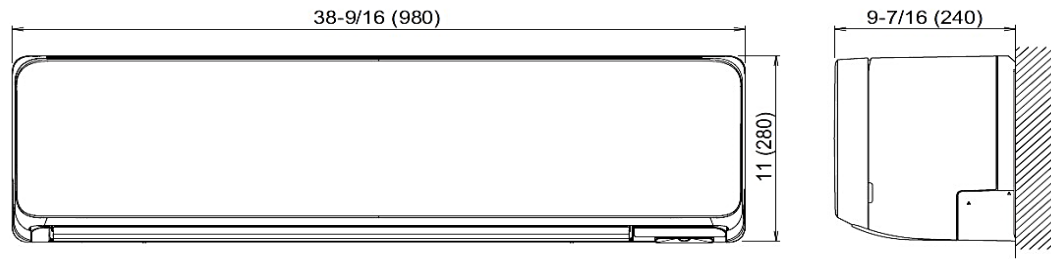
### Wall Bracket Data:



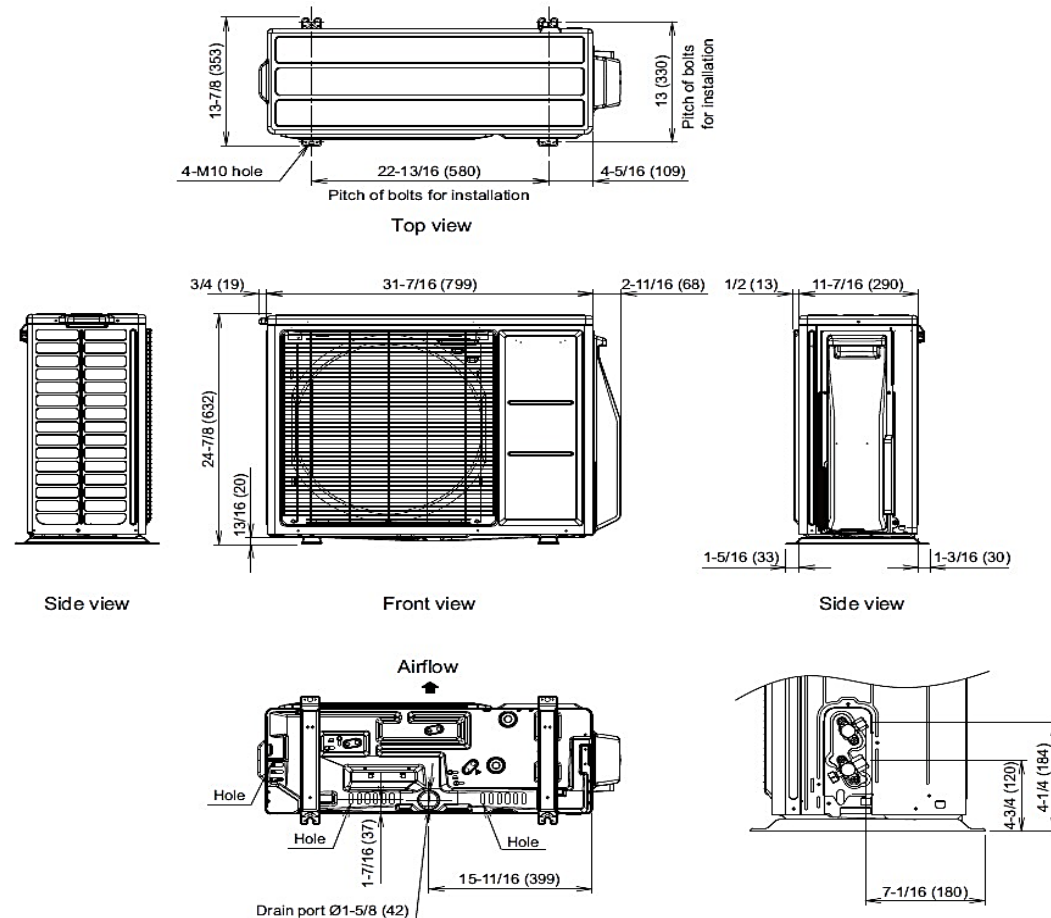
### DIMENSIONS

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).