

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	AOUG12LZAH1
System	12LZAH1

EFFICIENCIES

SEER		29.4
SEER 2		29.4
EER		15.2
EER 2		15.2
HSPF		13.8
HSPF 2		12.7
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		-15 to 75 (-26 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)	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)	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-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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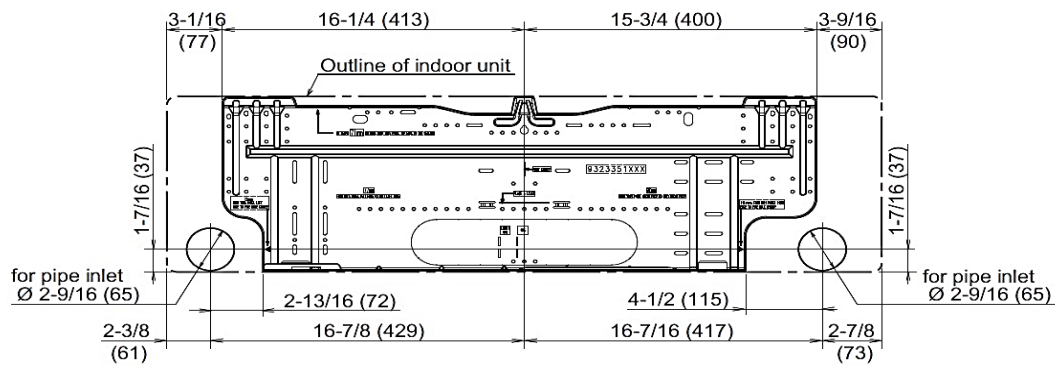
FAN DATA			
Indoor Unit Airflow rate	Cooling	HIGH	542 (920)
		MED	406 (690)
		LOW	312 (530)
		QUIET	206 (350)
	Heating	HIGH	542 (920)
		MED	406 (690)
		LOW	312 (530)
		QUIET	206 (350)
Outdoor Unit Airflow rate	Cooling	1,171 (1,990)	
	Heating	1,089 (1,850)	
SOUND PRESSURE			
Indoor Unit	Cooling	HIGH	43
		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	3.8
	Heating	Rated	4.7
Maximum Operating Current	Cooling	A	9.4
	Heating		11.9
Starting Current		4.7	
MCA		14.4	
Maximum Circuit Breaker		15	
Input Power	Cooling	Rated	kW
		Min.-Max.	
	Heating	Rated	
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)	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)
	Heating	%RH	80 or less
		°F (°C)	60 to 86 (16 to 30)

DIMENSIONS:

Units: In. (mm)

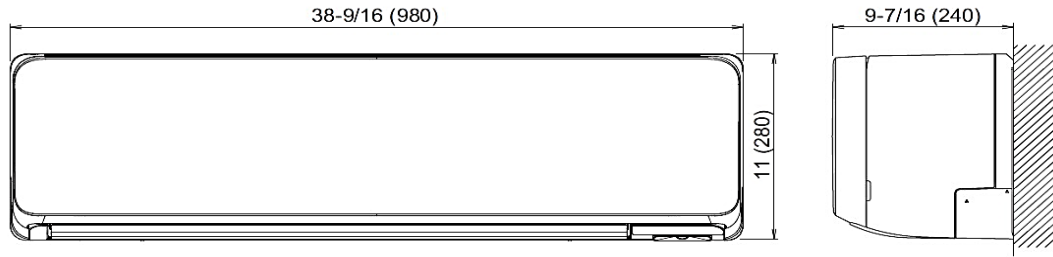
Wall Bracket Data:



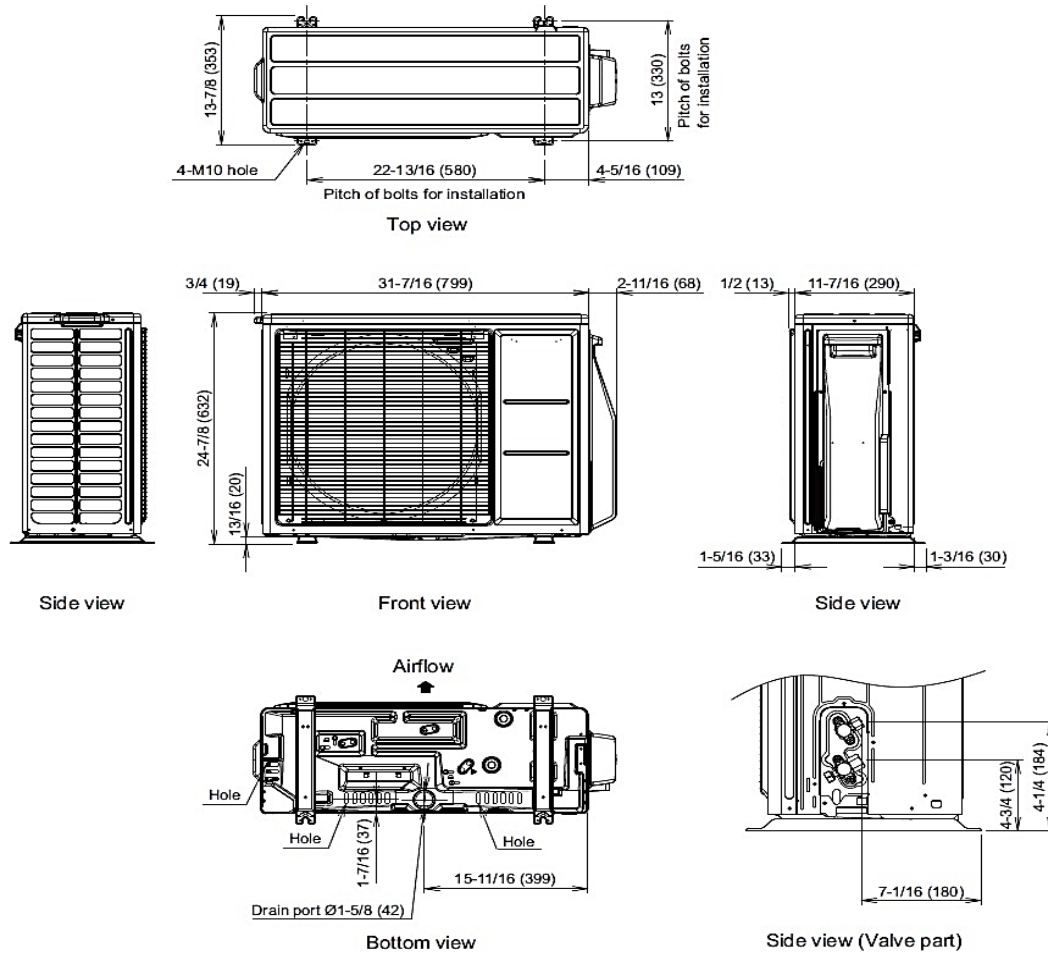
DIMENSIONS

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).