

Inverter Driven Heat Pump

9,000 BTU Single Zone High SEER 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: 4 way
- Minimum Heat Mode
- Built in WiFi
- Auto Restart
- Economy Mode
- Energy Saving Program(ESP)
- Wireless Remote control
- Outdoor Unit Low Noise Schedule



Heating down to -15°F outdoor temperatures



**MODEL NUMBERS**

Indoor Unit	ASUG09LZAS
Outdoor Unit	AOUG09LZAH1
System	09LZASH1

**EFFICIENCIES**

SEER	33.1
EER	18
HSPF	14
COP	18.2

**OUTDOOR TEMPERATURE OPERATION RANGE**

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

**CAPACITIES**

Cooling	Rated	BTU/hw	9,000
	Min.–Max.		3,100-12,000
Heating	Rated		12,000
	Min.–Max.		3,100-22,000

**LINESET REQUIREMENTS**

Connection Method		Flare
Liquid	in (mm)	Ø1/4 (Ø6.35)
		Ø3/8 (Ø9.52)
Pre-Charge Length		49 (15)
Minimum Length	ft (m)	10 (3)
Maximum Length		66 (20)
Max. Height Diff.		49 (15)

**INDOOR DIMENSIONS & WEIGHT**

Net (H x W x D)	in	11 x 38-9/16 x 9-7/16
	mm	280 x 980 x 240
Gross (H x W x D)	in	12- 11/16 x 42- 7/16 x 13- 10/16
	mm	322 x 1078 x 346
Net Weight	lb (kg)	29 (13)
Gross Weight		37 (17)

**OUTDOOR DIMENSIONS & WEIGHT**

Net (H x W x D)	in	24-7/8 x 31-7/16 x 11-7/16
	mm	632 x 799 x 290
Gross (H x W x D)	in	27- 4/16 x 37 x 14- 12/16
	mm	692 x 940 x 375
Net Weight	lb (kg)	86 (39)
Gross Weight		95 (43)



Indoor Unit ETL#: 91987  
 Outdoor Unit ETL#: 91987

Effective Date: 8/20/2020

Version 09LZASH1 -2018A

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**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-TTRX	3rd Party Thermostat Converter
UTY-TWRXZ2	Interface Kit
UTY-RNRUZ4	Wired Remote Controller (Touch Panel)
UTY-RSRY	Simple Remote Control
UTY-RHRY	Simple Remote Control (Hospitality)
UTY-XWZXZ5	Dry Contact Wire Kit



This system combination is Energy Star qualified



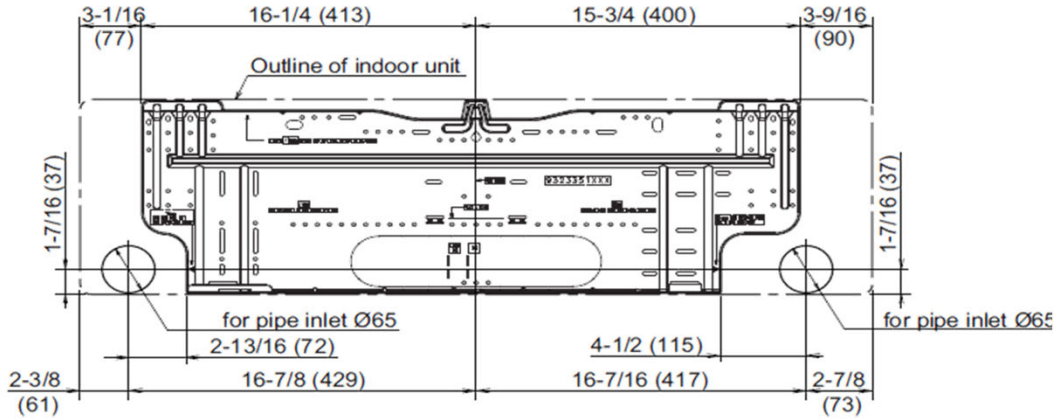
+App available in Apple® App Store and Google® Play Store.

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://portal.fujitsugeneral.com>

FAN DATA			
Indoor Unit Airflow Rate	Cooling	High	542 (920)
		Medium	406 (690)
		Low	312 (530)
		Quiet	206 (350)
	Heating	High	542 (920)
		Medium	406 (690)
		Low	312 (530)
		Quiet	206 (350)
Outdoor Unit Airflow Rate	Cooling	1089 (1,850)	
	Heating	1089 (1,850)	
SOUND PRESSURE			
Indoor Unit	Cooling	High	43
		Medium	37
		Low	31
		Quiet	23
	Heating	High	43
		Medium	36
		Low	31
		Quiet	23
Outdoor Unit	Cooling	46	
	Heating	47	
REFRIGERANT			
Type			R410A
Charge	lb oz		2lb 14oz
	kg		1
Oil Type			POE (RB68)

ELECTRICAL SPECIFICATIONS			
Voltage/Frequency/Phase		208/230 V / 1Ø / 60Hz	
Voltage Range		187-253V~60HZ	
Current	Cooling	Rated	2.5
	Heating	Rated	3.3
Maximum Operating Current	Cooling		9.4
	Heating		11.9
Starting Current			3.3
MCA			14.4
Maximum Circuit Breaker			15
Input Power	Cooling	Rated	0.5
		Min.-Max.	0.11-0.85
	Heating	Rated	0.66
		Min.-Max.	0.17-1.93
Power Factor	Cooling		87
	Heating		87
OTHER			
Moisture Removal		pints/h (L/h)	2.5 (1.2)
Energy Star			Yes
Drain hose	Material		PP+LLDPE
Size	in (mm)	Ø 17/32 (Ø 13.8) (I.D.) Ø 5/8 to Ø 21/32 (Ø 15.8 to Ø 16.7) (O.D.)	
Operation Range	Cooling	°F (°C)	64 to 90 (18 to 32)
		%RH	80 or less
Heating	°F (°C)		

**Wall Bracket Data:**



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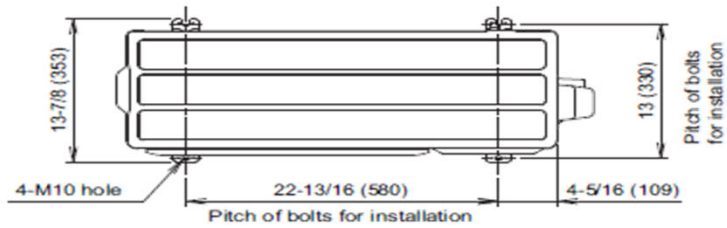
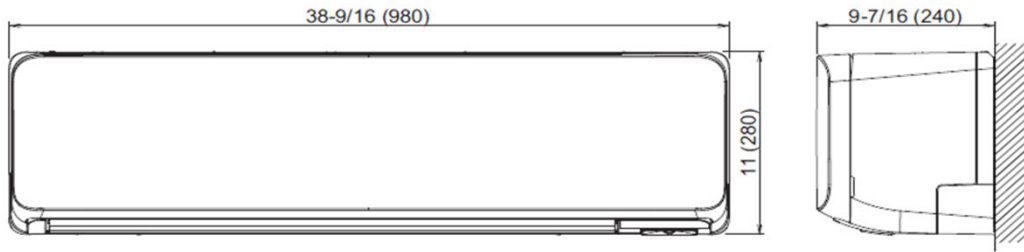
Note: Specifications are based on the following conditions:  
 Cooling: Indoor temperature of 80°F (26.7°C) DB/67°F (19.4°C) WB, and outdoor temperature of 95°F (35°C) DB/75°F (23.9°C) WB. Heating: Indoor temperature of 70°F (21.1°C) DB/60°F (15.6°C) WB, and outdoor temperature of 47°F (8.3°C) DB/43°F (6.1°C) WB. Pipe length: 25ft. (7.5m), Height difference: 0ft. (0m) (Outdoor unit - indoor unit).

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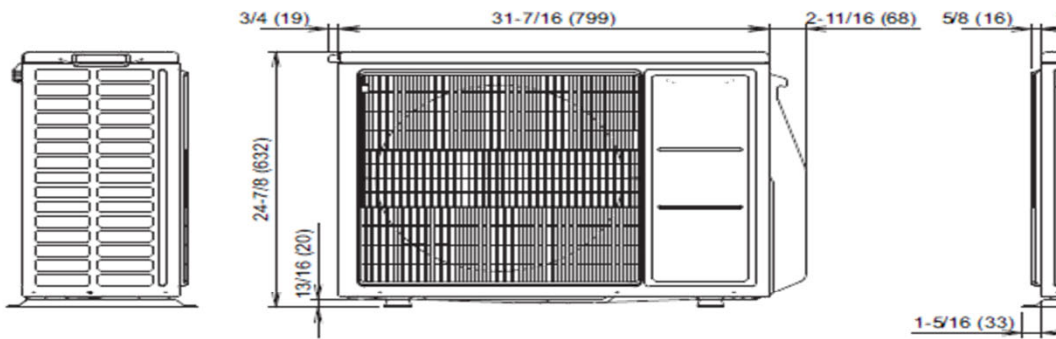


**SUBMITTAL 09LZASH1**



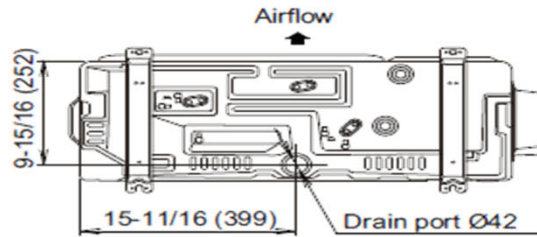


Top view

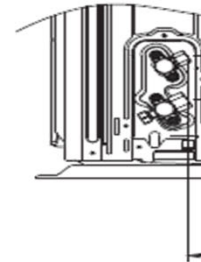


Side view

Front view



Bottom view



Side view (V)

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