

Inverter Driven Heat Pump

12,000 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



MODEL NUMBERS

Indoor Unit ASUG12LZAS
 Outdoor Unit AOUG12LZAH1
 System 12LZASH1

EFFICIENCIES

SEER	29.4
EER	15.2
HSPF	13.8
COP	4.63
	15.80

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	12,000
	Min.—Max.		3,100-13,600
Heating	Rated		16,000
	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		49 (15)
Minimum Length		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

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.

Effective Date: 1/21/2021

Version 12LZASH1 -2020A

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>

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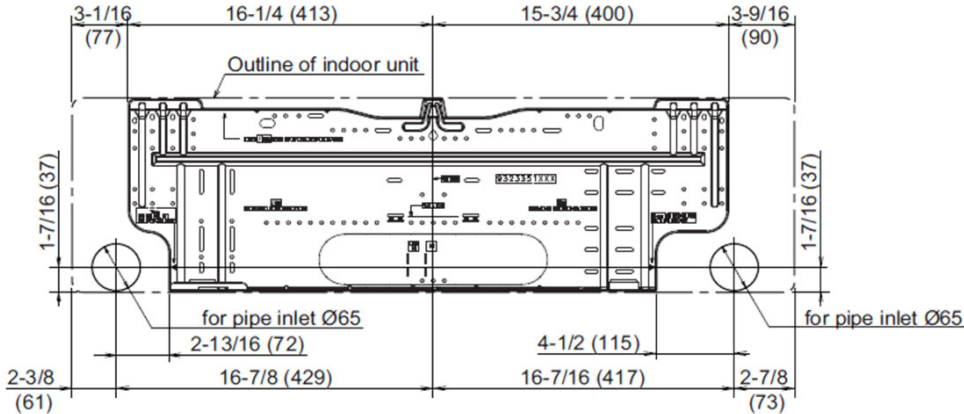
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FAN DATA					ELECTRICAL SPECIFICATIONS						
Indoor Unit Airflow Rate	Cooling	High	CFM (m3/h)	542 (920)	Voltage/Frequency/Phase			208/230 V / 1 Ø / 60Hz			
		Medium		406 (690)	Voltage Range			187-253V~60HZ			
		Low		312 (530)	Current	Cooling	Rated	A	3.8		
		Quiet		206 (350)		Heating	Rated		4.7		
	Heating	High		542 (920)	Maximum Operating Current		Cooling		9.4		
		Medium		406 (690)			Heating		11.9		
		Low		312 (530)	Starting Current		4.7				
Quiet		206 (350)		MCA		14.4					
Outdoor Unit Airflow Rate	Cooling			1171 (1,990)	Maximum Circuit Breaker		15				
	Heating			1089 (1,850)							
SOUND PRESSURE											
Indoor Unit	Cooling	High	dB (A)	43	Input Power	Cooling	Rated	kW	0.79		
		Medium		37		Heating	Min.—Max.		0.11—0.99		
		Low		31			Rated		1.01		
		Quiet		23		Power Factor			Cooling		%
	Heating	High		43		Heating		93			
		Medium		36							
		Low		31							
		Quiet		23							
	Outdoor Unit	Cooling			47						
	Heating			47							
REFRIGERANT					OTHER						
Type				R410A	Moisture Removal		pints/h (L/h)		2.7 (1.3)		
Charge				2lb 14oz	Energy Star				Yes		
Oil Type				POE (RB68)	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)			60 to 86 (16 to 30)			

Wall Bracket Data:

Units: In. (mm)



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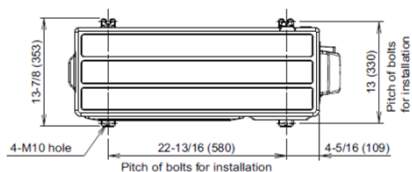
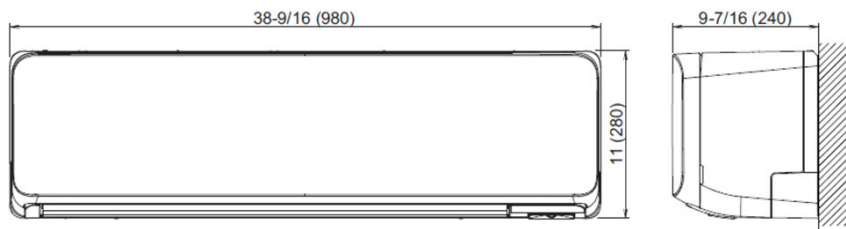
Note: Specifications are based on the following conditions:
Cooling: Indoor temperature of 80°F (26.7°C) DB/67°F (19.4°C) WB, and outdoor temperature of 95°F (35°C) DB/75°F (23.9°C) WB. Heating: Indoor temperature of 70°F (21.1°C) DB/60°F (15.6°C) WB, and outdoor temperature of 47°F (8.3°C) DB/43°F (6.1°C)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

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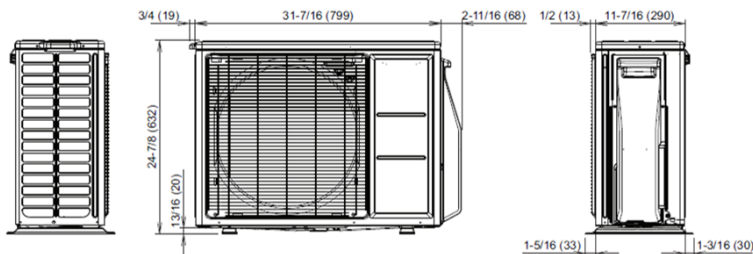
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DIMENSIONS

Units: In. (mm)



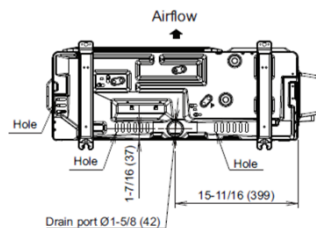
Top view



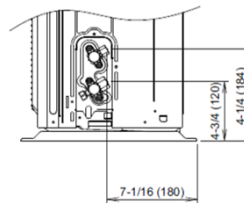
Side view

Front view

Side view



Bottom view



Side view (Valve part)

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