

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 AOUG12LZAS1
 System 12LZAS1

EFFICIENCIES

SEER 29.4
 EER 15.2
 HSPF 14
 COP kW/KW 4.63
 BTU/hW 15.80

OUTDOOR TEMPERATURE OPERATION RANGE

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

CAPACITIES

	Rated	BTU/hW
Cooling	12,000	
	Min.—Max.	3,100-13,600
Heating	16,000	
	Min.—Max.	3,100-22,100

LINESET REQUIREMENTS

Connection Method		Flare
Liquid	in (mm)	Ø 1/4 (Ø 6.35)
Gas	in (mm)	Ø 3/8 (Ø 9.52)
Pre-Charge Length	ft (m)	49 (15)
Minimum Length	ft (m)	10 (3)
Maximum Length	ft (m)	66 (20)
Max. Height Diff.	ft (m)	49 (15)

INDOOR DIMENSIONS & WEIGHT

	in	mm
Net (H x W x D)	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- 10/16	322 x 1078 x 346
Net Weight	lb (kg)	29 (13)
Gross Weight	lb (kg)	37 (17)

OUTDOOR DIMENSIONS & WEIGHT

	in	mm
Net (H x W x D)	24-7/8 x 31-7/16 x 11-7/16	632 x 799 x 290
Gross (H x W x D)	27- 4/16 x 37 x 14- 12/16	692 x 940 x 375
Net Weight	lb (kg)	84 (38)
Gross Weight	lb (kg)	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.

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>

Effective Date: 1/21/2021 Version 12LZAS1 -2020A

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FAN DATA

Indoor Unit Airflow Rate	Cooling	High	CFM (m3/h)	542 (920)
		Medium		406 (690)
		Low		312 (530)
	Heating	Quiet		206 (350)
		High		542 (920)
		Medium		406 (690)
		Low		312 (530)
		Quiet		206 (350)
Outdoor Unit Airflow Rate	Cooling			1171 (1,990)
	Heating			1089 (1,850)

SOUND PRESSURE

Indoor Unit	Cooling	High	dB (A)	43
		Medium		37
		Low		31
		Quiet		23
	Heating	High		43
		Medium		36
		Low		31
		Quiet		23
Outdoor Unit	Cooling			47
	Heating			47

REFRIGERANT

Type			R410A
Charge	lb oz	2lb 14oz	
	kg	1	
Oil Type			POE (RB68)

ELECTRICAL SPECIFICATIONS

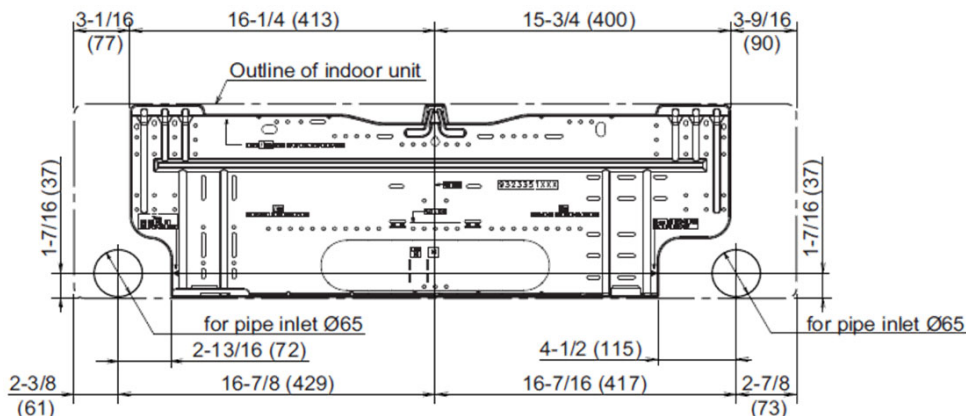
Voltage/Frequency/Phase				208/230 V / 1Ø / 60Hz
Voltage Range				187-253V~60HZ
Current	Cooling	Rated	A	3.8
	Heating	Rated		4.7
Maximum Operating Current		Cooling		9.4
		Heating		10.9
Starting Current				4.7
MCA			13.4	
Maximum Circuit Breaker			15	
Input Power	Cooling	Rated	kW	0.79
		Min.—Max.		0.11—0.99
	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	
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)
	Heating	%RH	80 or less
Operation Range	Heating	°F (°C)	60 to 86 (16 to 30)

Wall Bracket Data:

Units: In. (mm)



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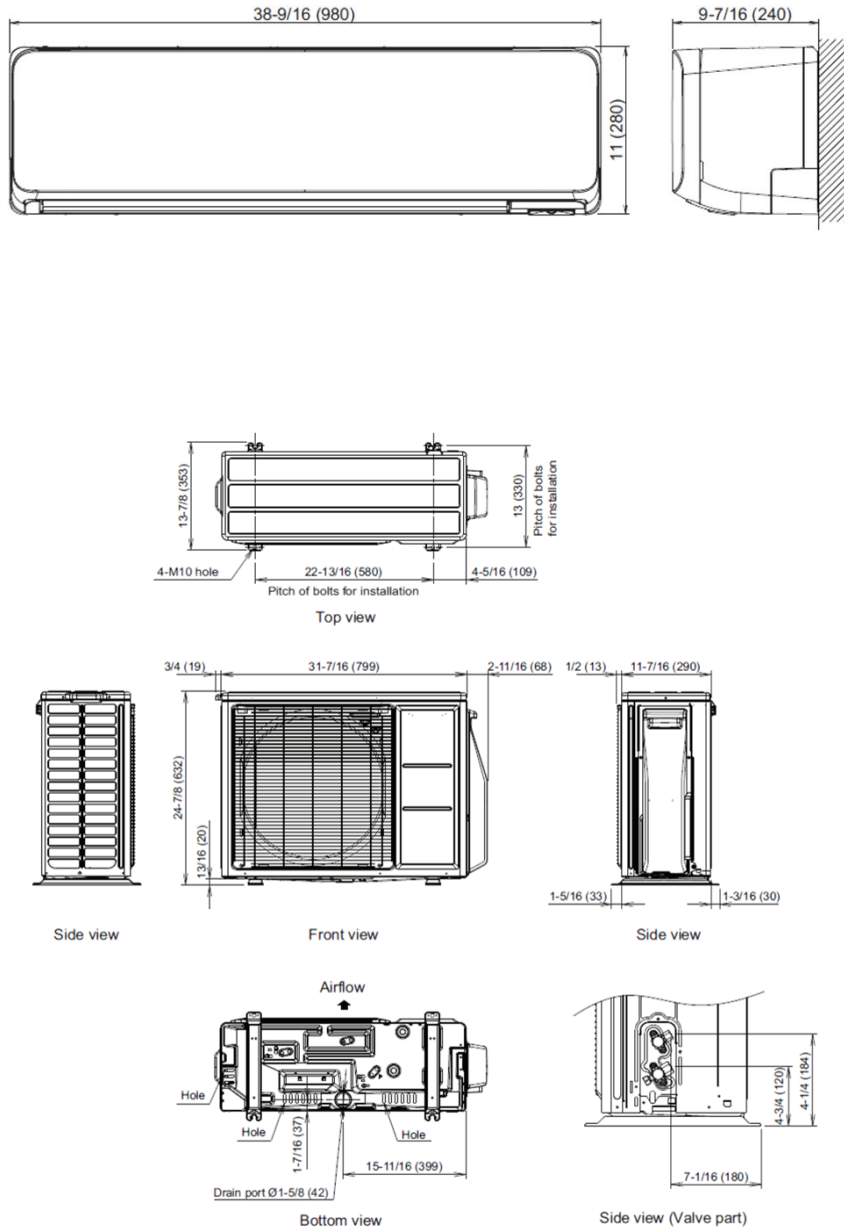
Note: Specifications are based on the following conditions:
Cooling: Indoor temperature of 80°F (26.7°C) DB/67°F (19.4°C) WB, and outdoor temperature of 95°F (35°C) DB/75°F (23.9°C) WB. Heating: Indoor temperature of 70°F (21.1°C) DB/60°F (15.6°C) WB, and outdoor temperature of 47°F (8.3°C) DB/43°F (6.1°C)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

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DIMENSIONS

Units: In. (mm)



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