

Inverter Driven Heat Pump

18,000 BTU Single Zone 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
 Minimum Heat Mode
 Auto Restart
 Economy Mode
 Energy Saving Program (ESP)
 Wireless Remote control
 Outdoor Unit Low Noise Schedule



MODEL NUMBERS

Indoor Unit	ASUH18LPAS
Outdoor Unit	AOUH18LPAS1
System	18LPAS1

EFFICIENCIES

SEER	20
EER	12
HSPF	11
COP	3.97
	13.50

OUTDOOR TEMPERATURE OPERATION RANGE

Cooling	°F(°C)	14 to 115 (-10 to 46)
Heating		5 to 75 (-15 to 24)

CAPACITIES

Cooling	Rated	18,000
	Min.-Max.	4,000 - 19,000
Heating	Rated	18,000
	Min.-Max.	2,800 - 24,000

LINESET REQUIREMENTS

Connection Method		Flare
Liquid	in (mm)	Ø 1/4 (Ø 6.35)
Gas		Ø 1/2 (Ø 12.7)
Pre-Charge Length	ft (m)	49 (15)
Minimum Length		16 (5)
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 13-5/8
	mm	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	24-7/8 x 31-7/16 x 11-7/16
	mm	632 x 799 x 290
Gross (H x W x D)	in	27-1/4 x 37 x 14-3/4
	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: 7/28/2021

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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-RNRUZ5	Wired Remote Controller (Touch Panel)
UTY-RSRY	Simple Remote Control
UTY-RHRY	Simple Remote Control (Hospitality)
UTY-XWZXZ5	Dry Contact Wire Kit
UTY-TTRX	3rd Party Thermostat Converter
UTY-TWRXZ2	Interface Kit
UTY-TFSXF1	WIFI Module



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>

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FAN DATA

Indoor Unit Airflow Rate	Cooling	High	CFM (m3/h)	530 (900)
		Medium		471 (800)
		Low		377 (640)
		Quiet		241 (410)
	Heating	High		506 (860)
		Medium		406 (690)
		Low		330 (560)
		Quiet		247 (420)
Outdoor Unit Airflow Rate	Cooling			1,348 (2,290)
	Heating			1,348 (2,290)

SOUND PRESSURE

Indoor Unit	Cooling	High	dB (A)	44
		Medium		42
		Low		37
		Quiet		26
	Heating	High		43
		Medium		39
		Low		34
		Quiet		28
Outdoor Unit	Cooling			50
	Heating			50

REFRIGERANT

Type		R410A
Charge	lb oz	2 lb 16 oz
	kg	1,350
Oil Type		RB68

ELECTRICAL SPECIFICATIONS

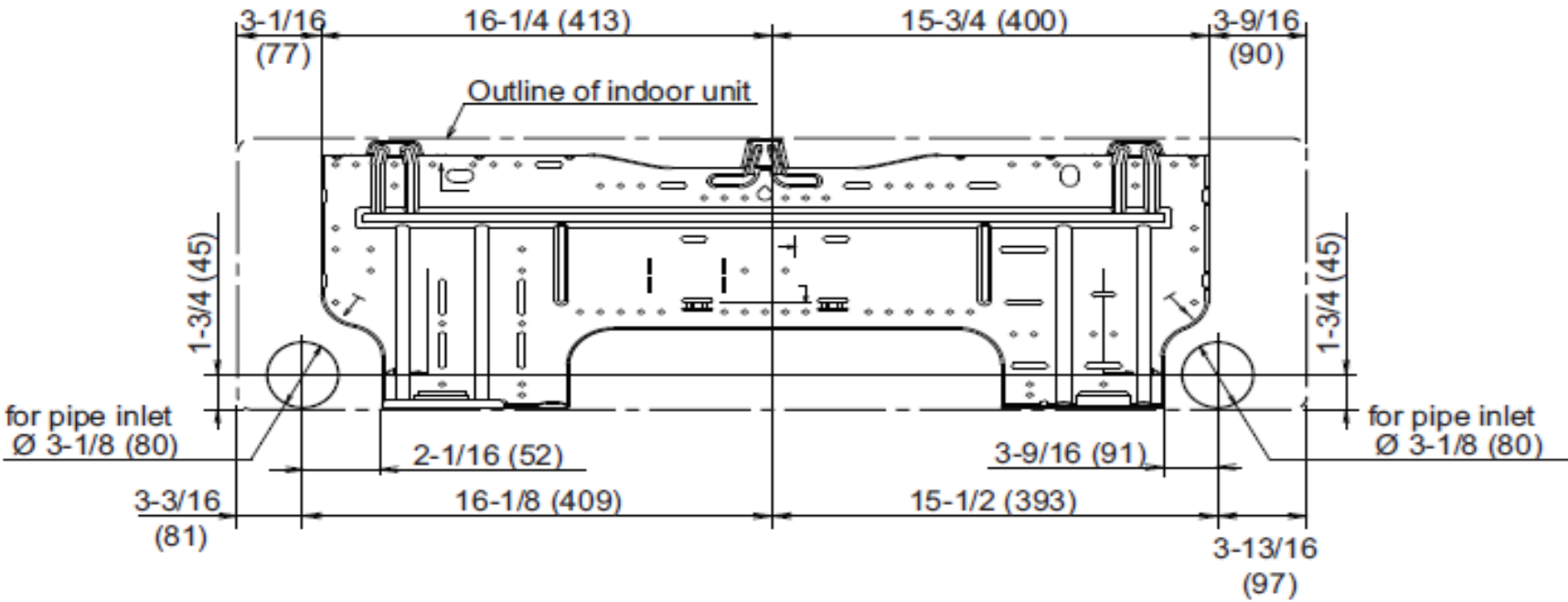
Voltage/Frequency/Phase		208/230 V / 1Ø / 60Hz		
Voltage Range		187-253V~60HZ		
Current	Cooling	Rated	A	6.7
	Heating	Rated		5.9
Maximum Operating Current		Cooling		9.9
		Heating		11.9
Starting Current				14.7
MCA				14.7
Maximum Circuit Breaker				15
Input Power	Cooling	Rated	kW	1.5
		Min.–Max.		0.15 - 1.90
	Heating	Rated		1.33
		Min.–Max.		0.15–2.10
Power Factor	Cooling		%	97.3
	Heating			98

OTHER

Moisture Removal		pints/h (L/h)		4.0 (1.9)
Energy Star				Yes
Drain hose	Material			PP+HDPE
Size	in (mm)	Ø17/32 (Ø 13.8) (I.D.), Ø5/8 to 21/32 (Ø 15.8 to 16.7) (O.D.)		
Operation Range	Cooling	°F (°C)	64 to 90 (18 to 32)	
		%RH	80 or less	
	Heating	°F (°C)	86 or less (30 or less)	

Wall Bracket Data:

Units: In. (mm)



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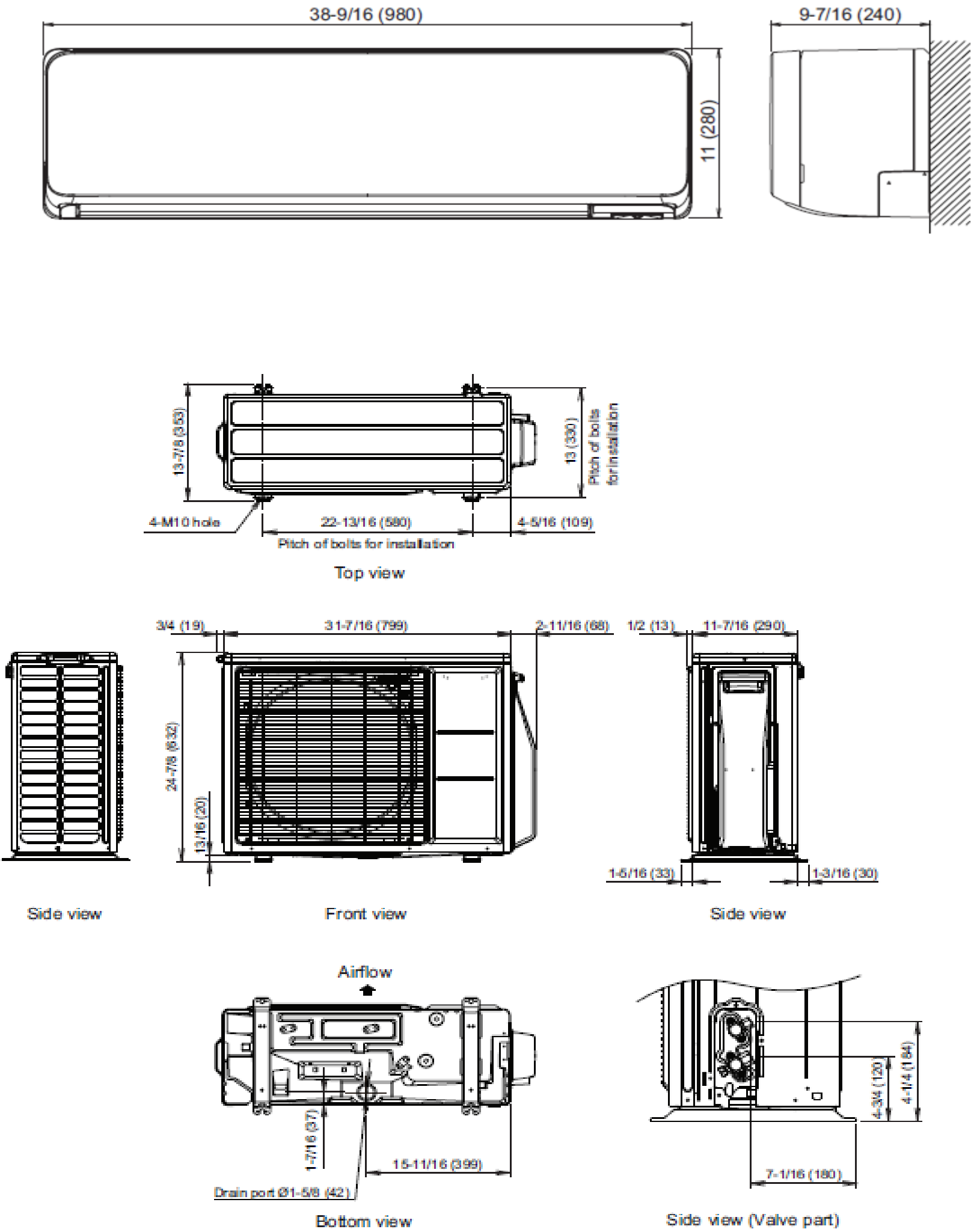
Note: Specifications are based on the following conditions:
Cooling: Indoor temperature of 80°F (26.7°C) DB/67°F (19.4°C) WB, and outdoor temperature of 95°F (35°C) DB/75°F (23.9°C) WB. Heating: Indoor temperature of 70°F (21.1°C) DB/60°F (15.6°C) WB, and outdoor temperature of 47°F (8.3°C) DB/43°F (6.1°C) 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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