

Inverter Driven Heat Pump

18,000 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
24 hr. Timer
Auto Louver: Up/Down
Minimum Heat Mode
Wireless Remote Control Included
Auto Restart
Economy Mode
Auto Fan Mode



MODEL NUMBERS	
Indoor Unit	ASUH18LMAS
Outdoor Unit	AOUH18LMAS1
System	18LMAS1

EFFICIENCIES	
SEER	21.1
SEER 2	21.1
EER	13
EER 2	13
HSPF	12.5
HSPF 2 (IV) / HSPF 2 (V)	11.5/9.3
COP	kW/kW 4
COP	Btu/hW 13.6
COP2	kW/kW 4
COP2	Btu/hW 13.6

OUTDOOR TEMPERATURE OPERATION RANGE	
Cooling	*F(*C) 14 to 115 (-10 to 46)
Heating*	*5 to 75 (-15 to 24)

CAPACITIES	
Cooling	Rated 18000
	Min.-Max. 7,000-20,000
Heating	Rated 21600
	Min.-Max. 8,000-29,000

LINESET REQUIREMENTS	
Connection Method	Flare
Liquid	in (mm) Ø3/8 (Ø9.52)
Gas	Ø5/8 (Ø15.88)
Pre-charge length	ft (m) 49 (15)
Minimum Length	16(5)
Max. length	164 (50)
Max. height difference	98 (30)

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 (13.0)
Gross Weight	36 (16.5)

OUTDOOR DIMENSIONS & WEIGHT	
Net (H x W x D)	in (mm) 31 x 37 x 12-5/8 (788 x 940 x 320)
Gross (H x W x D)	38-1/16 x 40-7/16 x 17-1/2 (966 x 1,027 x 445)
Net Weight	lb (kg) 117 (53)
Gross Weight	134 (61)

* System continues to operate below rated outdoor operation temperature range, subject to varying conditions. System has no low temperature cut out. Capacity is not tested outside of the rated temperature range.

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-XWZX	External Connect Kit
UTY-XWZXZ5	External Connect Kit
UTY-XCSXZ2	External Input and Output PCB
UTY-TWRXZ2	Communication Kit
UTY-TFSXF1	Wireless LAN adapter
UTY-VMSX	Modbus Converter
UTY-TTRXZ1	24V Thermostat Converter
UTY-VTGX	Network Converter



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: 05/07/2024

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FAN DATA

Indoor Unit Airflow rate	Cooling	HIGH	CFM (m3/h)	577 (980)
		MED		489 (830)
		LOW		377 (640)
		QUIET		300 (510)
	Heating	HIGH		589 (1,000)
		MED		500 (850)
		LOW		377 (640)
		QUIET		300 (510)
Outdoor Unit Airflow rate	Cooling			1,683 (2,860)
	Heating			1,742 (2,960)

SOUND PRESSURE

Indoor Unit	Cooling	HIGH	dB (A)	46
		MED		41
		LOW		35
		QUIET		30
	Heating	HIGH		46
		MED		41
		LOW		35
		QUIET		30
Outdoor Unit	Cooling			49
	Heating			50

REFRIGERANT

Type		R410A
Charge	lb oz	3 lb 15 oz
	g	1800
Oil Type		POE (RB68)

ELECTRICAL SPECIFICATIONS

Voltage/Frequency/Phase		208/230 V ~ 60 Hz		
Available Voltage Range		187–253 V		
Current	Cooling	Rated	A	6.2
	Heating	Rated		7
Maximum Operating Current	Cooling			13.4
	Heating			13.9
Starting Current				7
MCA				17.1
Maximum Circuit Breaker				20
Input Power	Cooling	Rated	kW	1.38
		Min.–Max.		0.45–1.86
	Heating	Rated		1.58
		Min.–Max.		0.55–2.82
Power Factor	Cooling		%	96.8
	Heating			98.1

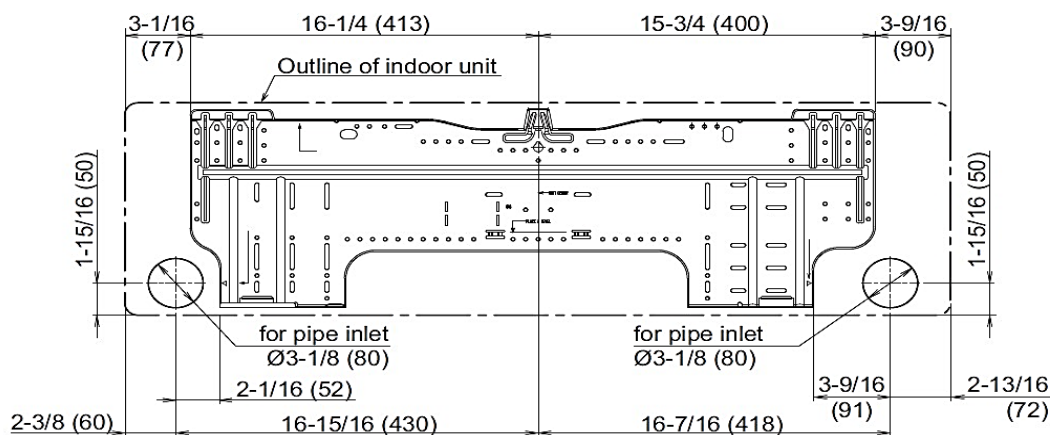
OTHER

Moisture Removal		pints/h (L/h)	4.0 (1.9)
Energy Star			Yes
Drain hose	Material		PP+HDPE
	Tip diameter	in (mm)	Ø17/32 (Ø13.8) (I.D.), Ø19/32 to 21/32 (Ø15.0 to 16.8)
Operation Range	Cooling	°F (°C)	64 to 90 (18 to 32)
		%RH	80 or less
	Heating	°F (°C)	86 (30) or less

DIMENSIONS:

Units: In. (mm)

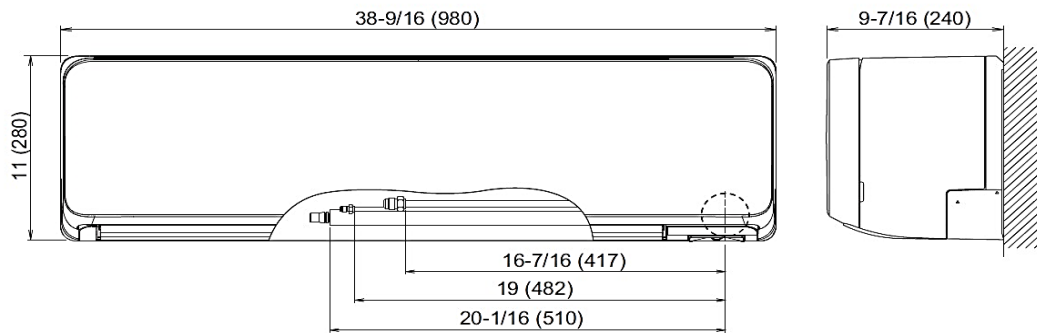
Wall Bracket Data:



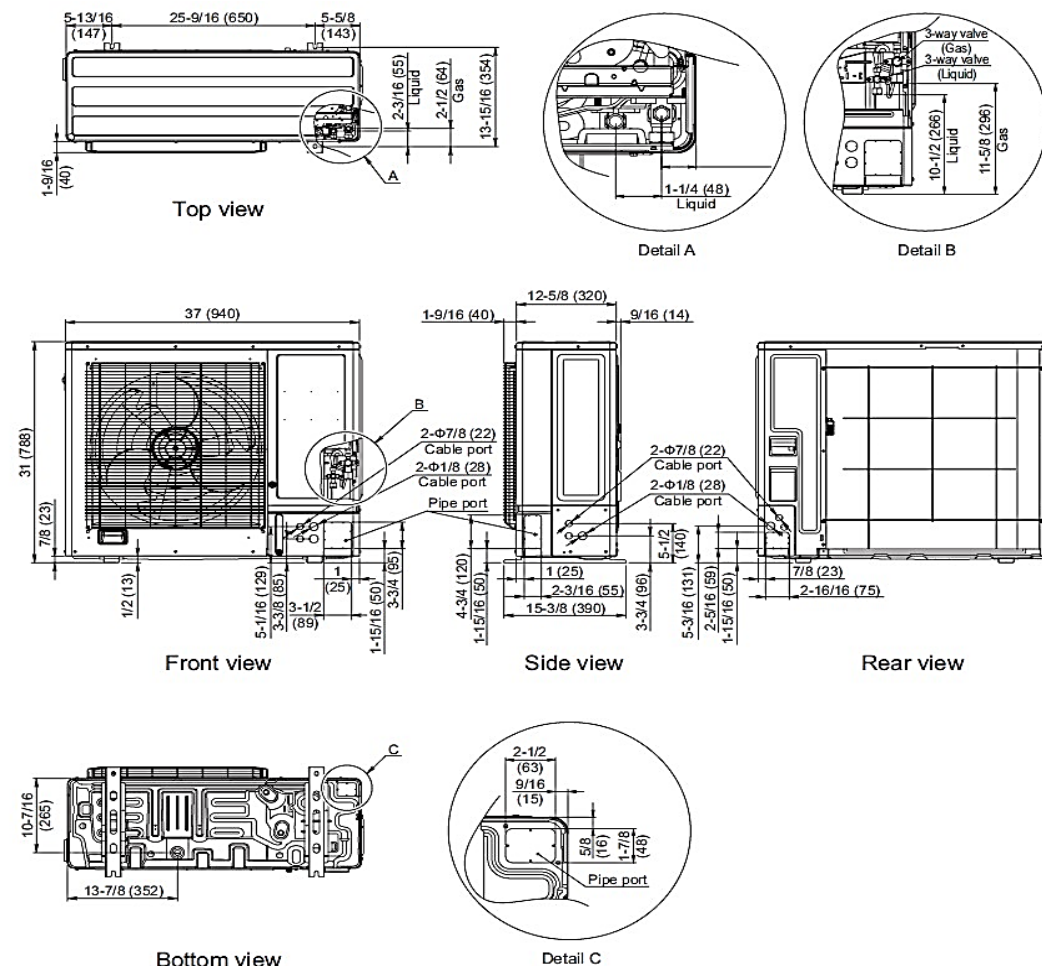
DIMENSIONS

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).