

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
- 24 hr. Timer
- Auto Louver: Up/Down
- Minimum Heat Mode
- Wireless Remote control
- Auto Restart
- Economy Mode
- Auto Fan Mode



MODEL NUMBERS

Indoor Unit	ASUG12LMA5
Outdoor Unit	AOUG12LMA51
System	12LMA51

EFFICIENCIES

SEER	23
EER	12.5
HSPF	12.5
COP	12.5

OUTDOOR TEMPERATURE OPERATION RANGE

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

CAPACITIES

	Rated	Min.-Max.	BTU/hw
Cooling			12,000
			3,400-13,300
Heating			16,000
			2,800-19,100

LINESET REQUIREMENTS

Connection Method		Flare
Liquid	in (mm)	Ø 1/4 (Ø 6.35)
	Gas	Ø 3/8 (Ø 9.52)
Pre-Charge Length	ft (m)	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	10-5/8 x 32-13/16 x 8-3/4
	mm	270 x 834 x 222
Gross (H x W x D)	in	10- 14/16 x 36 x 13- 1/16
	mm	277 x 914 x 332
Net Weight	lb (kg)	22 (10)
Gross Weight		29 (13)

OUTDOOR DIMENSIONS & WEIGHT

Net (H x W x D)	in	21-5/16 x 31-7/16 x 11-7/16
	mm	542 x 799 x 290
Gross (H x W x D)	in	21- 5/16 x 31- 7/16 x 11- 7/16
	mm	602 x 940 x 375
Net Weight	lb (kg)	71 (32)
Gross Weight		77 (35)



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-RNRUZ2	Wired Remote Controller (Touch Panel)
UTY-RSRY	Simple Remote Control
UTY-TFSXF1	WiFi Interface Module
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>

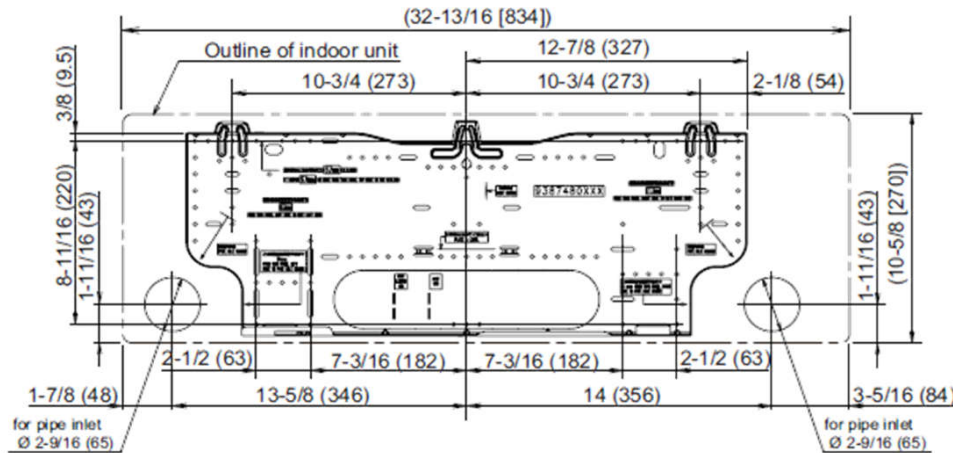
Inverter Driven Heat Pump 12,000 BTU Single Zone High SEER Wall Mounted System

FAN DATA				
Indoor Unit Airflow Rate	Cooling	High	CFM (m3/h)	453 (770)
		Medium		353 (600)
		Low		264 (450)
		Quiet		147 (250)
	Heating	High	453 (770)	
		Medium	376 (640)	
		Low	306 (520)	
		Quiet	182 (310)	
Outdoor Unit Airflow Rate	Cooling		1,065 (1,810)	
	Heating		1,065 (1,810)	
SOUND PRESSURE				
Indoor Unit	Cooling	High	dB (A)	43
		Medium		36
		Low		30
		Quiet		19
	Heating	High	43	
		Medium	38	
		Low	33	
		Quiet	21	
Outdoor Unit	Cooling		49	
	Heating		51	
REFRIGERANT				
Type				R410A
Charge	lb oz			2lb.3oz.
	kg			1
Oil Type				POE (RB68A)

ELECTRICAL SPECIFICATIONS				
Voltage/Frequency/Phase		208/230 V / 1Ø / 60Hz		
Voltage Range		187-253V-60HZ		
Current	Cooling	Rated	A	4.7
	Heating	Rated		6
Maximum Operating Current		Cooling	A	6.9
		Heating		9.4
Starting Current				4.7
MCA				11.5
Maximum Circuit Breaker				15
Input Power	Cooling	Rated	kW	0.96
		Min.-Max.		0.14-1.27
Power Factor	Heating	Rated	%	1.28
		Min.-Max.		0.14-1.67
Moisture Removal	Cooling		pints/h (L/h)	88.8
	Heating			92.8
OTHER				
Moisture Removal				3.8 (1.8)
Energy Star				Yes
Drain hose		Material		PP+HDPE
Size	in (mm)		Ø15/32 (Ø11.8) (I.D.), Ø19/32 to Ø21/32 (Ø15 to Ø16.8) (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)		

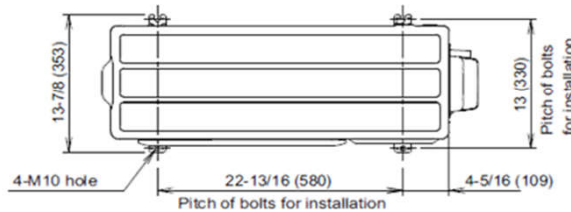
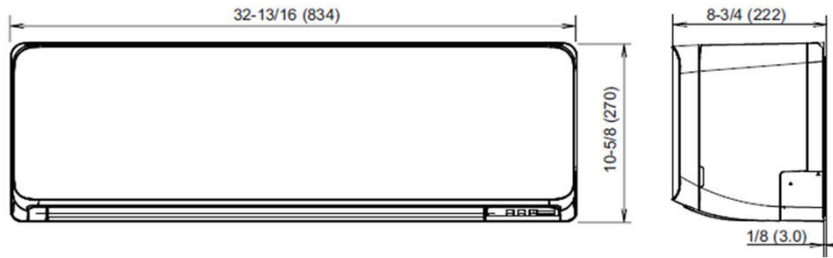
Wall Bracket Data:

Units: In. (mm)

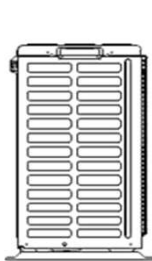


The Fujitsu logo is a worldwide trademark of Fujitsu General Limited. The Halcyon logo and name is a worldwide trademark of Fujitsu General Limited and is a registered trademark in Japan, the USA and other countries or areas. Copyright 2018 Fujitsu General America, Inc. Fujitsu's products are subject to continuous improvements. Fujitsu reserves the right to modify product design, specifications and information in this brochure without notice and without incurring any obligations.

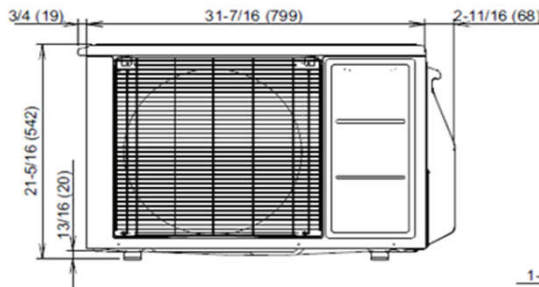
Note: Specifications are based on the following conditions:
 Cooling: Indoor temperature of 80°F (26.7°C) DB/67°F (19.4°C) WB, and outdoor temperature of 95°F (35°C) DB/75°F (23.9°C) WB. Heating: Indoor temperature of 70°F (21.1°C) DB/60°F (15.6°C) WB, and outdoor temperature of 47°F (8.3°C) DB/43°F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



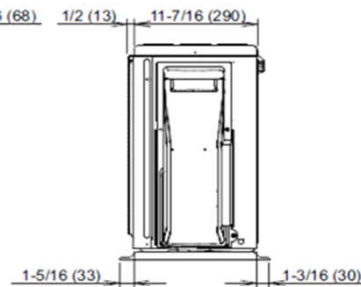
Top view



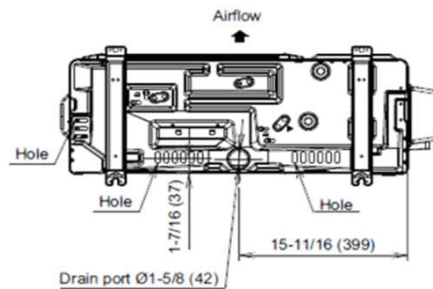
Side view



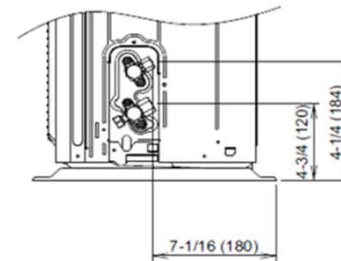
Front view



Side view



Bottom view



Side view (Valve part)

The Fujitsu logo is a worldwide trademark of Fujitsu General Limited. The Halcyon logo and name is a worldwide trademark of Fujitsu General Limited and is a registered trademark in Japan, the USA and other countries or areas. Copyright 2018 Fujitsu General America, Inc. Fujitsu's products are subject to continuous improvements. Fujitsu reserves the right to modify product design, specifications and information in this brochure without notice and without incurring any obligations.

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).