

Inverter Driven Heat Pump

12,000 BTU Single Zone Mid Static Duct System

Job Name _____
 Location _____
 Engineer _____
 Submitted To _____
 Submitted By _____
 Reference _____

Date _____
 Approval _____
 Construction _____
 Unit No _____
 Drawing No _____

PRODUCT FEATURES

- Up To 0.8" WC
- Quiet Operation (as low as 24 db)
- Automatic Static Pressure Detection
- Heating Operation Rated Down to -5 °F
- Built in Drain Pump
- Lineset Length up to 66ft
- Controls Sold Separately
- BACnet Compatible



MODEL NUMBERS

Indoor Unit	ARUH12LUAS
Outdoor Unit	AOUH12LUAS1
System	12LUAS1R

EFFICIENCIES

SEER			21.3
EER			13.4
HSPF			11.7
COP	kW/kW		3.90
	BTU/hW		13.30

OUTDOOR TEMPERATURE OPERATION RANGE

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

CAPACITIES

Cooling	Rated	BTU/hW	12,000
	Min.-Max.		3,100 - 13,600
Heating	Rated		16,000
	Min.-Max.		3,400 - 19,400

LINESET REQUIREMENTS

Connection Method		Flare
Liquid	in (mm)	Ø 1/4 (Ø 6.35)
		Ø 3/8 (Ø 9.52)
Pre-Charge Length	ft (m)	49 (15)
		16 (5)
		66 (20)
		49 (15)

INDOOR DIMENSIONS & WEIGHT

Net (H x W x D)	in	11-13/16 x 27-9/16 x 27-9/16
	mm	300 x 700 x 700
Gross (H x W x D)	in	15-3/4 x 36-15/16 x 34-7/16
	mm	400 x 938 x 875
Net Weight	lb (kg)	66 (30)
Gross Weight		82 (37)

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)	84 (38)
Gross Weight		95 (43)

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 Series	Wired Remote Controller (Touch Panel)
UTY-RSRY	Simple Remote Controller
UTY-RHRY	Simple Remote Controller
UTY-LBTUM	IR Kit (Remote & IR Receiver Unit)
UTY-TFSXZ2	Wireless LAN Interface
UTY-TTRXZ1	24V Thermostat Interface
UTY-VMSX	Modbus Converter
FJ-AC-BAC-1L	BACnet Gateway



This system combination is Energy Star qualified



+App available in Apple® App Store and Google® Play Store.



Effective Date: 3/17/2022

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>

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FAN DATA

Indoor Unit Airflow Rate	Cooling	High	CFM (m3/h)	500 (850)
		Medium		400 (680)
		Low		347 (590)
		Quiet		300 (510)
	Heating	High		500 (850)
		Medium		400 (680)
		Low		347 (590)
		Quiet		300 (510)
Outdoor Unit Airflow Rate	Cooling	1,171 (1,990)		
	Heating	1,089 (1,850)		
Static Pressure		inWC (Pa)		0.12 to 0.8 (30 to 200)

SOUND PRESSURE

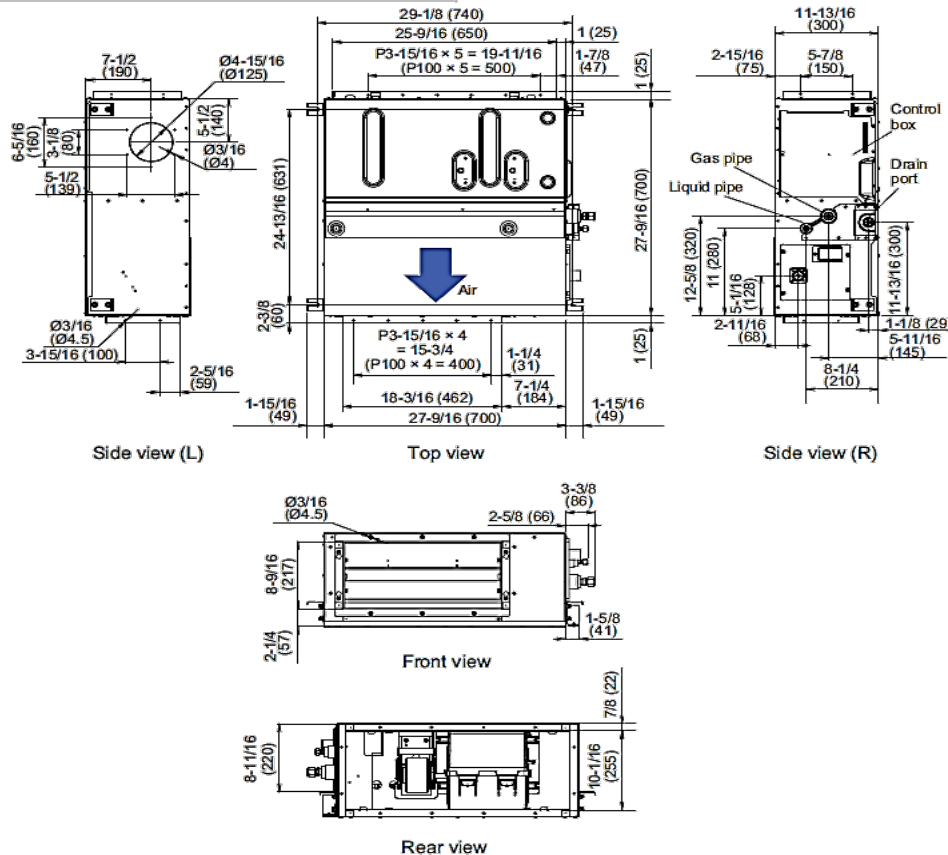
Indoor Unit	Cooling	High	dB (A)	35
		Medium		30
		Low		27
		Quiet		24
	Heating	High		35
		Medium		30
		Low		27
		Quiet		24
Outdoor Unit	Cooling	48		
	Heating	49		

REFRIGERANT

Type	R410A		
Charge	lb oz	2 lb 10 oz	
	kg	1.2	
Oil Type	RB68		

DIMENSIONS

Indoor Unit:



Units: In. (mm)

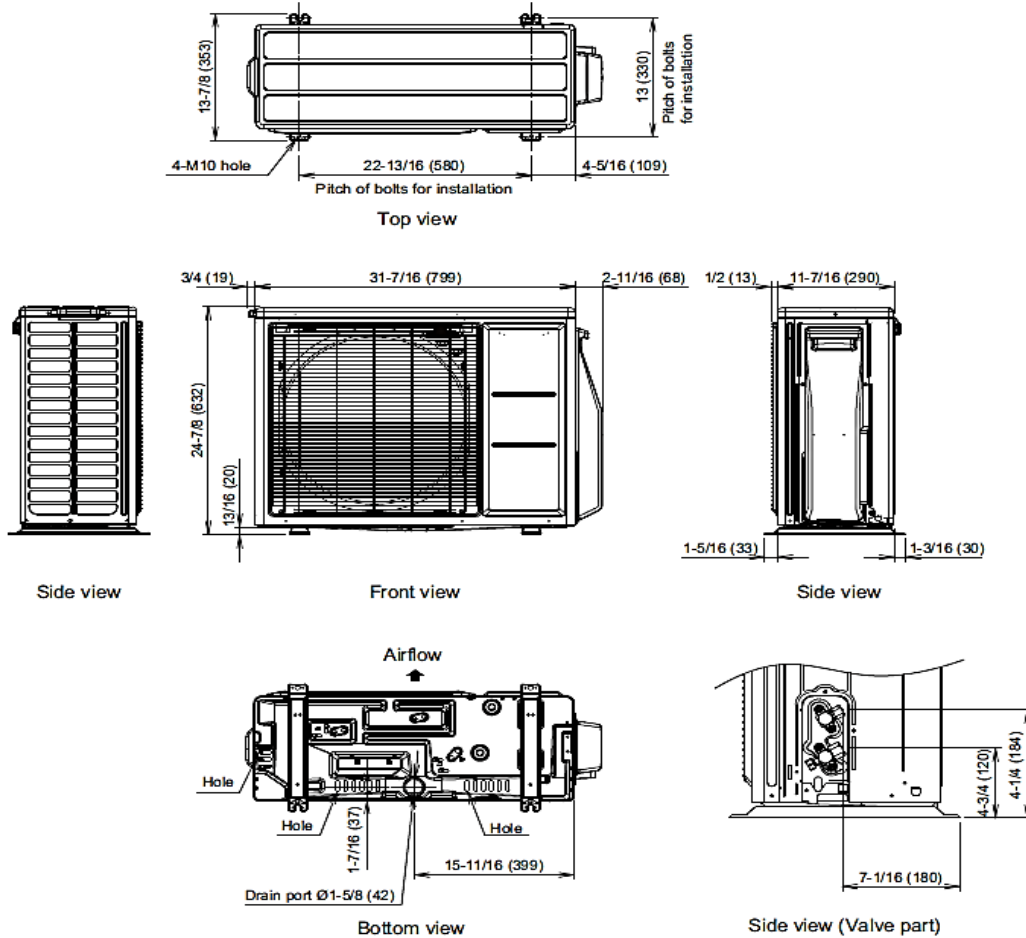
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Note: Specifications are based on the following conditions:
 Cooling: Indoor temperature of 80°F (26.7°C) DB/67°F (19.4°C) WB, and outdoor temperature of 95°F (35°C) DB/75°F (23.9°C) WB. Heating: Indoor temperature of 70°F (21.1°C) DB/60°F (15.6°C)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

DIMENSIONS

Units: In. (mm)

Outdoor Unit:



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