

## Inverter Driven Heat Pump

## 18,000 BTU Single Zone Ceiling Suspended 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 Restart Function  
 Automatic Defrost Function  
 Economy Mode  
 Minimum Heat Mode



### MODEL NUMBERS

Indoor Unit	ABUH18LUAS
Outdoor Unit	AOUH18LUAS1
System	18LUAS1B

### EFFICIENCIES

SEER			--
SEER 2			22.5
EER			--
EER 2			12.5
HSPF			--
HSPF 2 (IV) / HSPF 2 (V)			10.6/8.8
COP	kW/kW		--
COP	Btu/hW		--
COP2	kW/kW		3.2
COP2	Btu/hW		10.9

### OUTDOOR TEMPERATURE OPERATION RANGE

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

### CAPACITIES

Cooling	Rated	Btu/h	18000
	Min.—Max.		3,100–20,100
Heating	Rated	Btu/h	21600
	Min.—Max.		3,100–25,600

### LINESET REQUIREMENTS

Connection Method		Flare
Liquid	in (mm)	Ø1/4 (Ø6.35)
Gas		Ø1/2 (Ø12.70)
Pre-charge length	ft (m)	66 (20)
Minimum Length		16 (5)
Max. length		98 (30)
Max. height difference		49 (15)

### INDOOR DIMENSIONS & WEIGHT

Net (H x W x D)	in (mm)	9-1/4 x 42-1/2 x 27-3/4 (235 x 1,080 x 705)
Gross (H x W x D)		13 x 45-7/8 x 32-1/2 (330 x 1,165 x 825)
Net Weight	lb (kg)	53 (24)
Gross Weight		73 (33)

### OUTDOOR DIMENSIONS & WEIGHT

Net (H x W x D)	in (mm)	24-7/8 x 31-7/16 x 11-7/16
Gross (H x W x D)		27-1/4 x 37 x 14-3/4
Net Weight	lb (kg)	86 (39)
Gross Weight		95 (43)

\* 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-Series	Wired Remote Controller
UTY-RSRY	Simple Remote Controller
UTY-RHRY	Simple Remote Controller
UTY-LBTUH	IR Receiver Kit with Wireless Remote Controller
UTZ-PU1EBB	Drain Pump Unit
UTP-FX24A	Auxiliary Pipe Assembly
UTY-XWZXZG	External Connect Kit
UTY-XCSX	External Input and Output PCB
UTZ-GXEA	External Input and Output PCB Box
UTY-TFSXJ4	WLAN Adapter
UTY-VMSX	Modbus Converter
UTY-VKSX	KNX Converter
UTY-TTRXZ1	Thermostat Converter
UTY-VTGX	Network Converter
UTY-TERX	External Switch Controller

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: 5/7/2024

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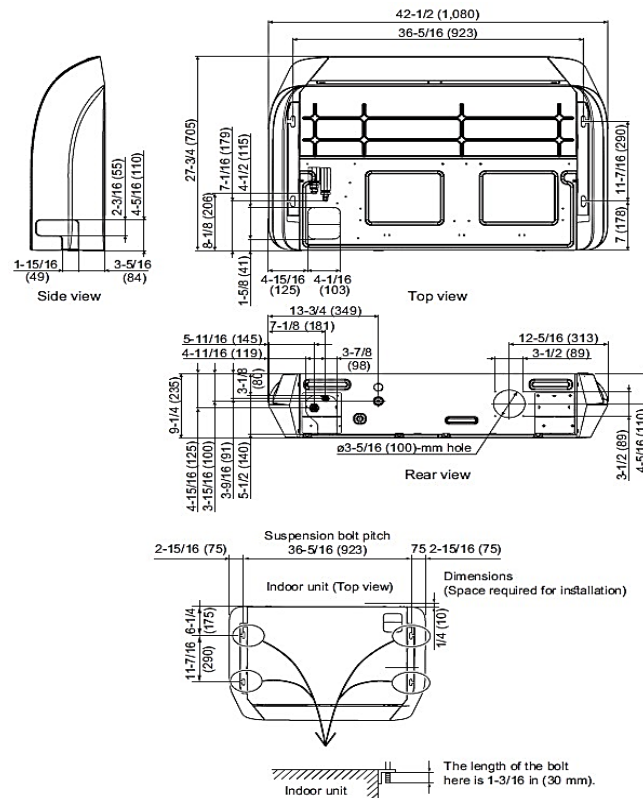
FAN DATA				
Indoor Unit Airflow rate	Cooling	HIGH	CFM (m3/h)	494 (840)
		MED		465 (790)
		LOW		418 (710)
		QUIET		383 (650)
	Heating	HIGH		494 (840)
		MED		465 (790)
		LOW		418 (710)
		QUIET		383 (650)
Outdoor Unit Airflow rate	Cooling			1,395 (2,370)
	Heating			1,460 (2,480)
SOUND PRESSURE				
Indoor Unit	Cooling	HIGH	dB (A)	38
		MED		36
		LOW		33
		QUIET		31
	Heating	HIGH		38
		MED		36
		LOW		33
		QUIET		31
Outdoor Unit	Cooling			52
	Heating			55
REFRIGERANT				
Type				R410A
Charge	lb oz			2 lb 12 oz
	g			1250
Oil Type				POE (RB68)

ELECTRICAL SPECIFICATIONS				
Voltage/Frequency/Phase		208/230 V~ 60 Hz		
Available Voltage Range		187~253 V		
Current	Cooling	Rated	A	6.4
	Heating	Rated		8.8
Maximum Operating Current		Cooling		11.8
		Heating		14.8
Starting current				8.1
MCA				18.1
Maximum Circuit Breaker				20
Input Power	Cooling	Rated	kW	1.44
		Min.–Max.		0.14 - 2.01
	Heating	Rated		1.98
		Max.		2.4
Power Factor	Cooling		%	97.8
	Heating			98.6
OTHER				
Moisture Removal		pints/h (L/h)	4.9 (2.3)	
Energy Star			No	
Drain hose	Material		PVC	
	Tip diameter	in (mm)	Ø1/2 (Ø13.0) (I.D.) Ø5/8 to Ø11/16 (Ø16.0 to Ø16.7)	
Operation Range	Cooling	°F (°C)	64 to 90 (18 to 32)	
		%RH	80 or less	
	Heating	°F (°C)	60 to 86 (16 to 30)	

DIMENSIONS:

Indoor Unit

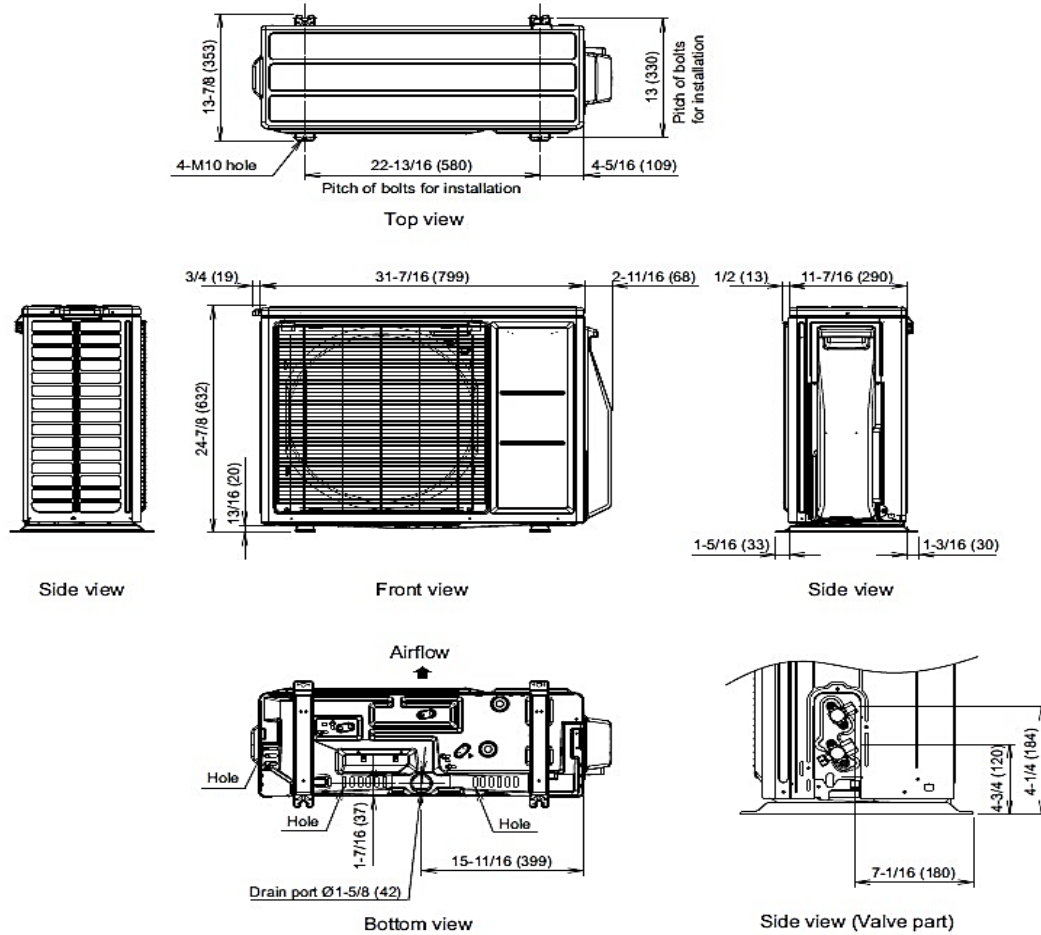
Units: In. (mm)



# DIMENSIONS

Units: In. (mm)

## 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).