

## Inverter Driven Heat Pump

36,000 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	ABUH36LUAS
Outdoor Unit	AOUH36LUAS1
System	36LUAS1B

## EFFICIENCIES

SEER			--
SEER 2			19.5
EER			--
EER 2			9.6
HSPF			--
HSPF 2 (IV) / HSPF 2 (V)			10/7.8
COP	kW/kW		--
COP	Btu/hW		--
COP2	kW/kW		3.76
COP2	Btu/hW		12.8

## OUTDOOR TEMPERATURE OPERATION RANGE

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

## CAPACITIES

Cooling	Rated	Btu/h	36000
	Min.—Max.		9,600—39,000
Heating	Rated	Btu/h	38000
	Min.—Max.		9,200—43,000

## LINESET REQUIREMENTS

Connection Method		Flare
Liquid	in (mm)	Ø3/8 (Ø9.52)
Gas		Ø5/8 (Ø15.88)
Pre-charge length	ft (m)	66 (20)
Minimum Length		16 (5)
Max. length		164 (50)
Max. height difference		98 (30)

## INDOOR DIMENSIONS &amp; WEIGHT

Net (H x W x D)	in (mm)	9-1/4 x 66-15/16 x 27-3/4 (235 x 1,700 x 705)
Gross (H x W x D)		13 x 70-1/4 x 32-1/2 (330 x 1,785 x 825)
Net Weight	lb (kg)	84 (38)
Gross Weight		106 (48)

## OUTDOOR DIMENSIONS &amp; WEIGHT

Net (H x W x D)	in (mm)	39-5/16 x 37 x 12-5/8
Gross (H x W x D)		46-5/16 x 40-7/16 x 17-1/2
Net Weight	lb (kg)	139 (63)
Gross Weight		159 (72)

\* 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-FX35A	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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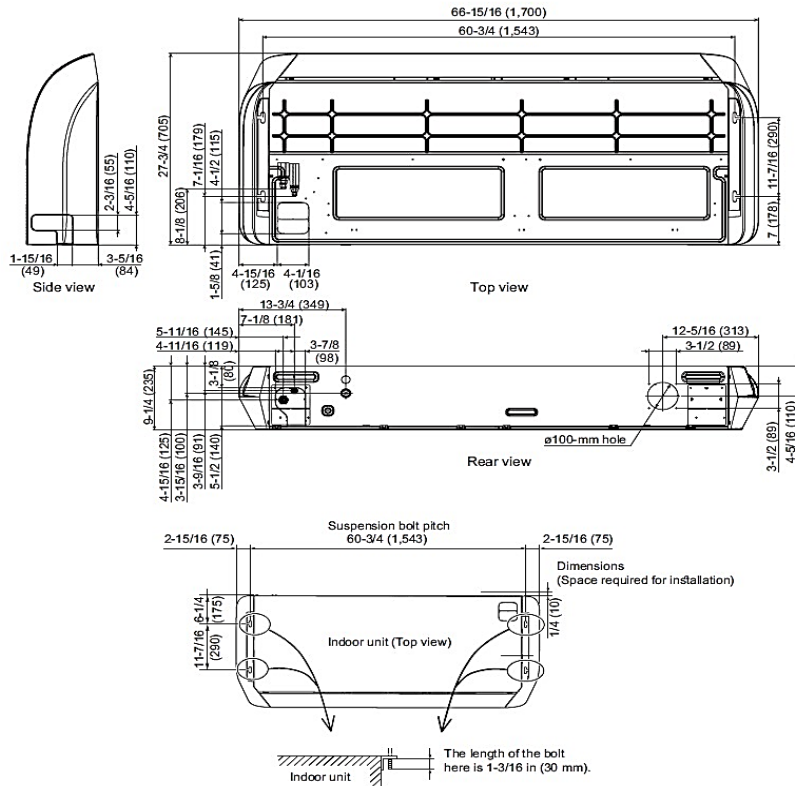
FAN DATA				
Indoor Unit Airflow rate	Cooling	HIGH	CFM (m3/h)	1,089 (1,850)
		MED		865 (1,470)
		LOW		765 (1,300)
		QUIET		618 (1,050)
	Heating	HIGH		1,059 (1,800)
		MED		865 (1,470)
		LOW		765 (1,300)
		QUIET		618 (1,050)
Outdoor Unit Airflow rate	Cooling			2,502 (4,250)
	Heating			2,431 (4,130)
SOUND PRESSURE				
Indoor Unit	Cooling	HIGH	dB (A)	44
		MED		40
		LOW		37
		QUIET		32
	Heating	HIGH		44
		MED		40
		LOW		37
		QUIET		32
Outdoor Unit	Cooling			54
	Heating			56
REFRIGERANT				
Type				R410A
Charge	lb oz			5 lb 8 oz
	g			2500
Oil Type				POE (RB68)

ELECTRICAL SPECIFICATIONS					
Voltage/Frequency/Phase		208/230 V~ 60 Hz			
Available Voltage Range		187~253 V			
Current	Cooling	Rated	A	16.5	
	Heating	Rated		13	
Maximum Operating Current		Cooling		19.8	
		Heating		19.8	
Starting current		16.5			
MCA		24.1			
Maximum Circuit Breaker		25			
Input Power	Cooling	Rated	kW	3.75	
		Min.--Max.		0.38~4.22	
	Heating	Rated		2.96	
		Max.		4.27	
Power Factor	Cooling	%		98.8	
	Heating			99	
OTHER					
Moisture Removal		pints/h (L/h)	9.1 (4.3)		
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

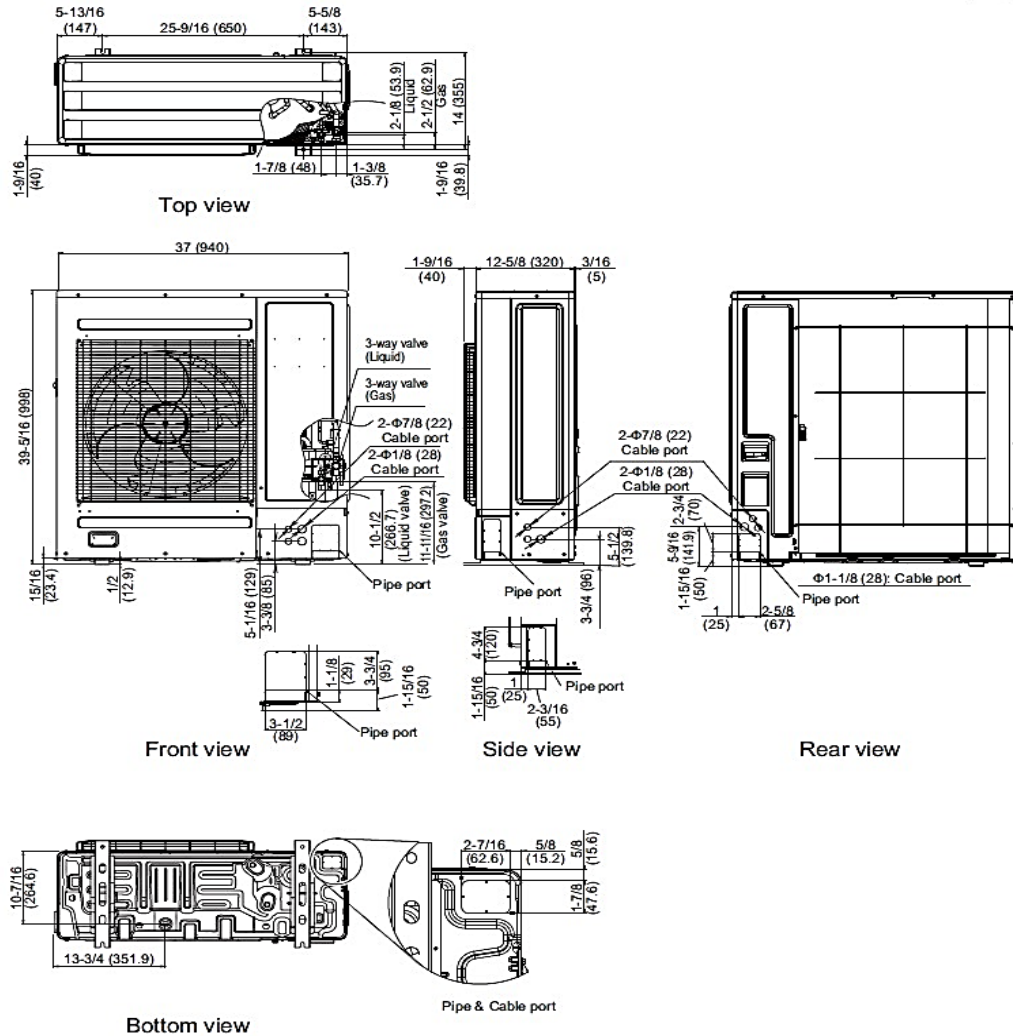
Units: In. (mm)



### 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).