

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	10.6		
COP	kw/kw	--	
COP	Btu/hW	--	
COP2	kw/kw	3.2	
COP2	Btu/hW	10.9	
OUTDOOR TEMPERATURE OPERATION RANGE			
Cooling			14 to 115 (-10 to 46)
Heating	*F(°C)		-5 to 75 (-21 to 24)
CAPACITIES			
Cooling	Rated	Btu/h	18000
	Min.—Max.		3,100–20,100
Heating	Rated		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		66 (20)	
Minimum Length	ft (m)	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 (632 x 799 x 290)	
Gross (H x W x D)		27-1/4 x 37 x 14-3/4 (692 x 940 x 375)	
Net Weight	lb (kg)	86 (39)	
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
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-VTGXV	Network Converter (AC power supply)
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: 5/2/2023

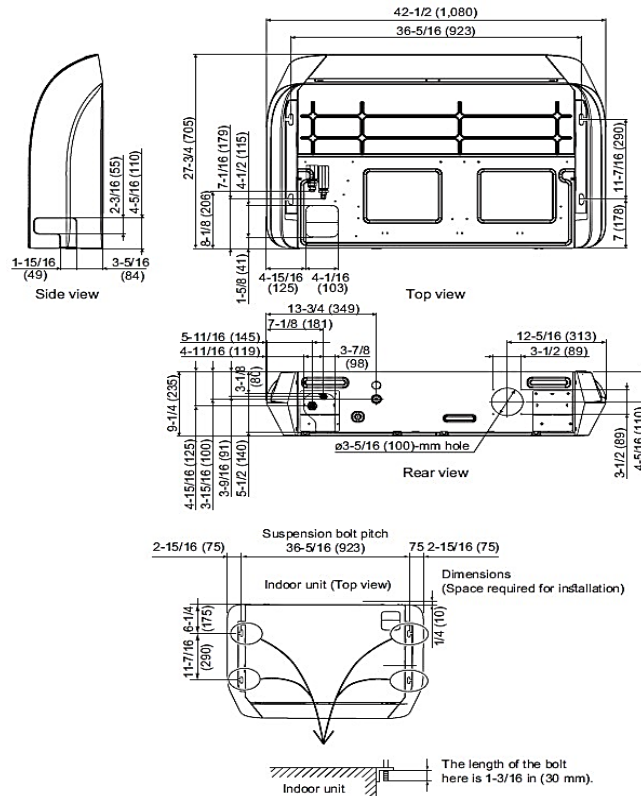
FAN DATA				
Indoor Unit Airflow rate	Cooling	HIGH	CFM (m3/h)	494 (840)
		MED		465 (790)
		LOW		418 (710)
		QUIET		383 (650)
	Heating	HIGH		494 (840)
		MED		465 (790)
		LOW		418 (710)
		QUIET		383 (650)
Outdoor Unit Airflow rate	Cooling		1,395 (2,370)	
	Heating		1,460 (2,480)	
SOUND PRESSURE				
Indoor 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
		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)	
	Heating	%RH	80 or less	
		°F (°C)	60 to 86 (16 to 30)	

DIMENSIONS:

Indoor Unit

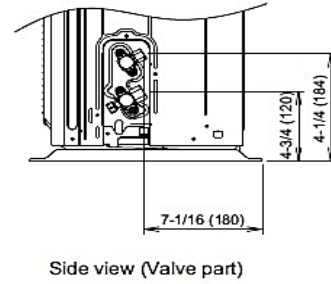
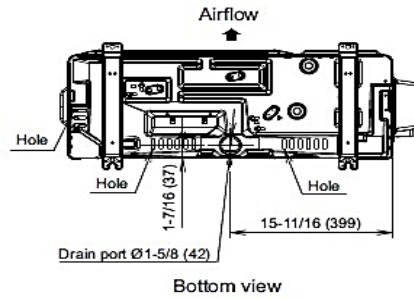
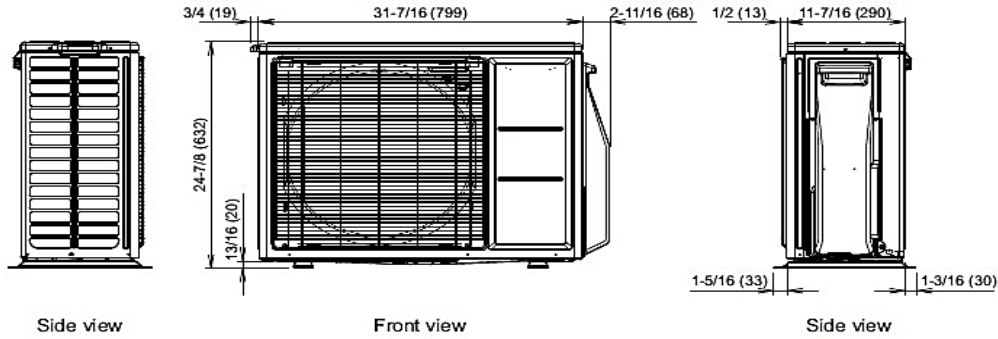
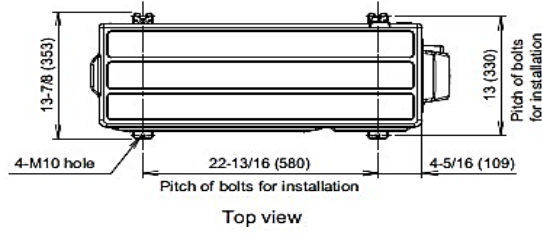
Units: In. (mm)



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).