

Inverter Driven Heat Pump

24,000 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 164ft
- Controls Sold Separately



MODEL NUMBERS			
Indoor Unit		ARUH24LUAS	
Outdoor Unit		AOUH24LUAS1	
System		24LUAS1R	
EFFICIENCIES			
SEER		--	
SEER 2		18.5	
EER		--	
EER 2		11.7	
HSPF		--	
HSPF 2 (IV) / HSPF 2 (V)		10/8.1	
COP	kW/kW		--
COP	Btu/hW		--
COP2	kW/kW		3.6
COP2	Btu/hW		12.4
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	24000
	Min.—Max.		5,400—28,000
Heating	Rated		27000
	Min.—Max.		5,400—32,000
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 & WEIGHT			
Net (H x W x D)	in (mm)	11-13/16 x 39-3/8 x 27-9/16 (300 x 1,000 x 700)	
Gross (H x W x D)		15-3/4 x 48-3/4 x 34-7/16 (400 x 1,238 x 875)	
Net Weight	lb (kg)	93 (42)	
Gross Weight		110 (50)	
OUTDOOR DIMENSIONS & WEIGHT			
Net (H x W x D)	in (mm)	31 x 37 x 12-5/8 (788 x 940 x 320)	
Gross (H x W x D)		38-1/16 x 40-7/16 x 17-1/2 (966 x 1,027 x 445)	
Net Weight	lb (kg)	117 (53)	
Gross Weight		134 (61)	

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-LBTUM	IR Receiver Kit with Wireless Remote Controller
UTY-XSZXZ1	Remote Sensor Unit
UTD-LFNB	Long-life Filter
UTY-XWZXZG	External Connect Kit
UTY-XCSX	External Input and Output PCB
UTZ-GXNA	External Input and Output PCB Bracket
UTY-TFSXJ4	WLAN Adapter
UTY-VMSX	Modbus Converter
UTY-VKSX	KNX Convertor
UTY-TTRXZ1	Thermostat Converter
UTY-VTGX	Network Converter
UTY-VTGXV	Network Converter (AC power supply)
UTY-TERX	External Switch Controller

Effective Date: 4/12/2023

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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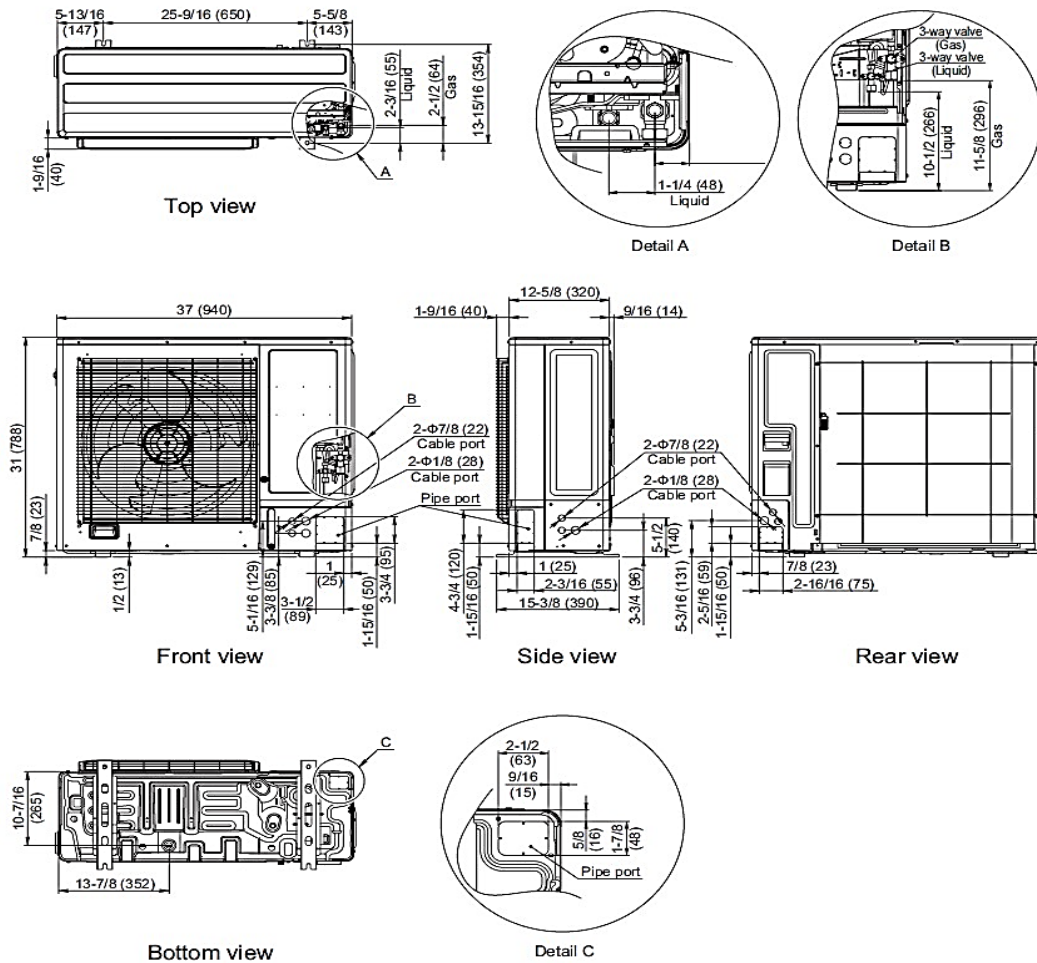
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FAN DATA					ELECTRICAL SPECIFICATIONS						
Indoor Unit Airflow rate	Cooling	HIGH	CFM (m3/h)	800 (1,360)	Voltage/Frequency/Phase		208/230 V~ 60 Hz				
		MED		636 (1,080)	Available Voltage Range		187–253 V				
		LOW		518 (880)	Current	Cooling	Rated	A	9.1		
		QUIET		400 (680)		Heating	Rated		9.6		
	Heating	HIGH		800 (1,360)	Maximum Operating Current		Cooling		15.8		
		MED		636 (1,080)	Starting current	MCA	Heating		15.8		
		LOW		518 (880)					10.3		
		QUIET		400 (680)	Maximum Circuit Breaker				19.2		
Outdoor Unit Airflow rate	Cooling			2,187 (3,715)	Input Power	Cooling	Rated	kW	2.05		
Heating			2,187 (3,715)			Min.—Max.	0.44–2.89				
				Heating		Rated	2.17				
SOUND PRESSURE						Max.				3.29	
Indoor Unit	Cooling	HIGH	dB (A)	35	Power Factor	Cooling		%	97.9		
		MED		30		Heating			98.3		
		LOW		28							
		QUIET		24	OTHER						
	Heating	HIGH		35	Moisture Removal		pints/h (L/h)	5.1 (2.4)			
		MED		30	Energy Star			No			
		LOW		28	Drain hose	Material		PVC			
		QUIET		24		Tip diameter	in (mm)	Ø1/2 (Ø13.0) (I.D.) Ø5/8 to Ø11/16 (Ø16.0 to Ø16.7)			
Outdoor Unit	Cooling			52	Operation Range	Cooling	°F (°C)	64 to 90 (18 to 32)			
	Heating			54		Heating	%RH	80 or less			
REFRIGERANT					Static Pressure Range		inWG (Pa)	0.12 to 0.80 (30 to 200)			
Type					R410A						
Charge	lb oz					4 lb 10 oz					
	g					2100					
Oil Type					POE (RB68)						

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).