

Inverter Driven Heat Pump

24,000 BTU Single Zone Circular Flow Cassette

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

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

PRODUCT FEATURES

- 360° Circular flow distributes air more evenly around the room
- Seamless Airflow Louver
- Optional human sensor detects room occupancy for energy savings
- Quiet Operation (as low as 30 db)
- Lineset Length up to 164ft
- Grille available in White (UTG-GCGF) or Black (UTG-LCGVCB), sold separately



MODEL NUMBERS			
Indoor Unit	AUUH24LUAS		
Outdoor Unit	AOUH24LUAS1		
System	24LUAS1U		
EFFICIENCIES			
SEER	--		
SEER 2	23		
EER	--		
EER 2	12.6		
HSPF	--		
HSPF 2 (IV) / HSPF 2 (V)	11/8.7		
COP	kW/kW	--	
COP	Btu/hW	--	
COP2	kW/kW	3.8	
COP2	Btu/hW	13.0	
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		66 (20)	
Minimum Length	ft (m)	16 (5)	
Max. length		164 (50)	
Max. height difference		98 (30)	
INDOOR DIMENSIONS & WEIGHT			
Net (H x W x D)	in (mm)	9-11/16 x 33-1/16 x 33-1/16 (246 x 840 x 840)	
Gross (H x W x D)		11-3/4 x 37-3/8 x 38-3/16 (298 x 950 x 970)	
Net Weight	lb (kg)	53 (24)	
Gross Weight		64 (29)	
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)	

* 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-LBTUC	IR Receiver Kit with Wireless Remote Controller
UTG-GCGF	Cassette Grille
UTG-LCGVCB	Cassette Grille
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
UTY-SHZXC	Human Sensor Kit
UTY-XWZXZG	External Connect Kit
UTR-YDZK	Air Outlet Shutter Plate
UTG-AKXA-W	Wide Panel
UTG-BKXA-W	Panel Spacer
UTZ-VXRA	Fresh Air Intake Kit
UTZ-KXRA	Insulation Kit for High Humidity
UTY-XCSX	External Input and Output PCB
UTZ-GXRA	External Input and Output PCB Box

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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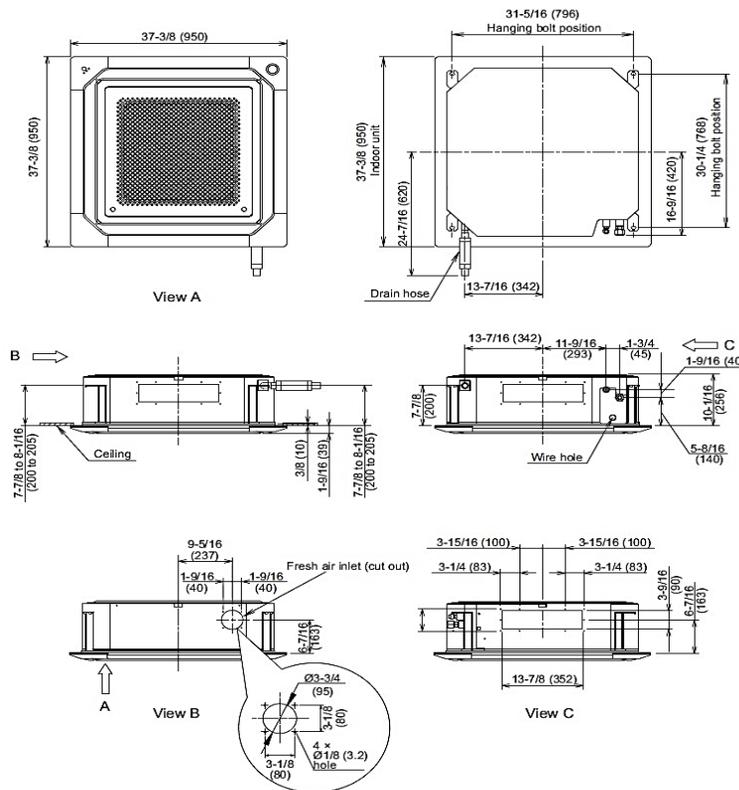
FAN DATA				
Indoor Unit Airflow rate	Cooling	HIGH	CFM (m3/h)	677 (1,150)
		MED		618 (1,050)
		LOW		577 (980)
		QUIET		512 (870)
	Heating	HIGH		677 (1,150)
		MED		618 (1,050)
		LOW		577 (980)
		QUIET		512 (870)
Outdoor Unit Airflow rate	Cooling		2,187 (3,715)	
	Heating		2,187 (3,715)	
SOUND PRESSURE				
Indoor Unit	Cooling	HIGH	dB (A)	36
		MED		34
		LOW		33
		QUIET		30
	Heating	HIGH		36
		MED		34
		LOW		33
		QUIET		30
Outdoor Unit	Cooling		52	
	Heating		54	
REFRIGERANT				
Type				R410A
Charge	lb oz			4 lb 10 oz
	g			2100
Oil Type				POE (RB68)

ELECTRICAL SPECIFICATIONS					
Voltage/Frequency/Phase		208/230 V~ 60 Hz			
Available Voltage Range		187-253 V			
Current	Cooling	Rated	A	8.4	
	Heating	Rated		9.2	
Maximum Operating Current	Cooling			15.8	
	Heating			15.8	
Starting current				10.3	
MCA				19.2	
Maximum Circuit Breaker				20	
Input Power	Cooling	Rated	kW	1.9	
		Min.-Max.		0.39-2.82	
	Heating	Rated		2.08	
Min.-Max.		0.45-2.90			
Power Factor	Cooling				98.3
	Heating				98.3
OTHER					
Moisture Removal		pints/h (L/h)	6.1 (2.9)		
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		
	Heating	°F (°C)	60 to 86 (16 to 30)		

DIMENSIONS:

Indoor Unit

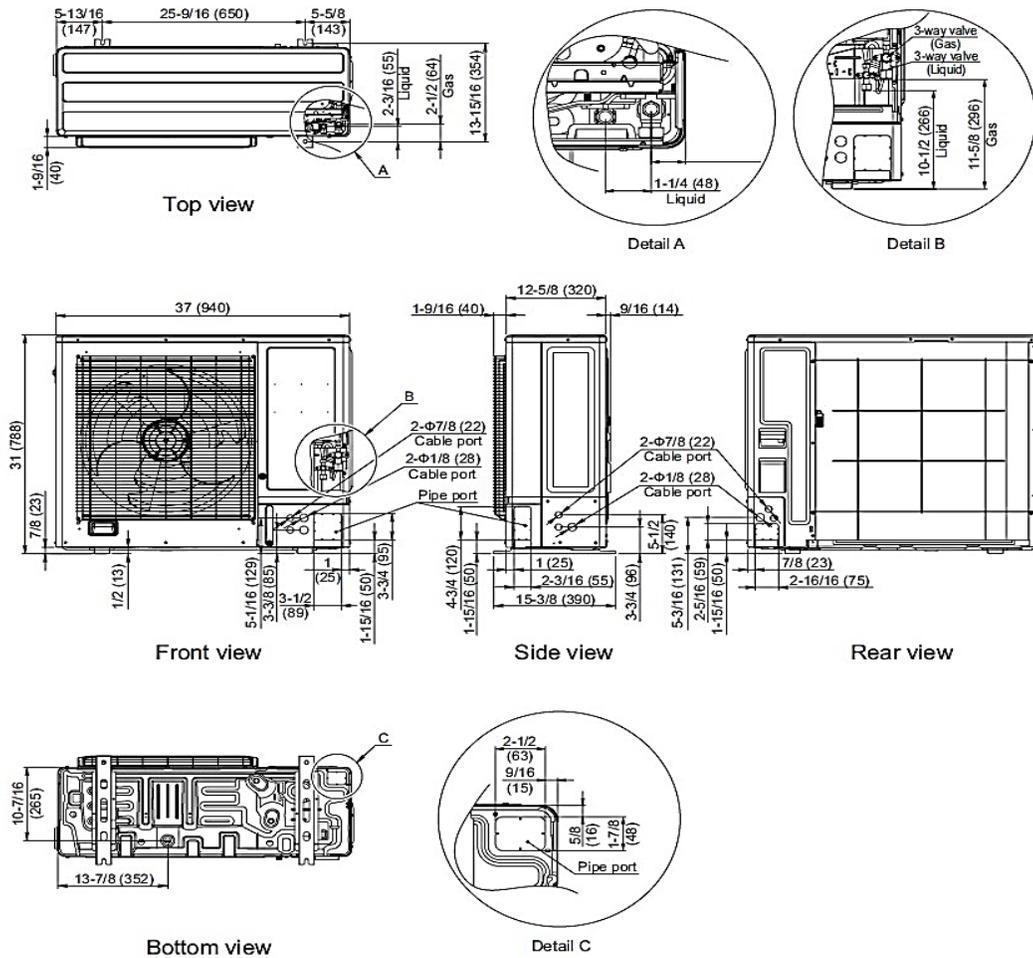
Units: In. (mm)



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).