

Inverter Driven Heat Pump

18,000 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 28 db)
- Lineset Length up to 98ft
- Grille available in White (UTG-GCGF) or Black (UTG-LCGVCB), sold separately



MODEL NUMBERS			
Indoor Unit	AUUH18LUAS		
Outdoor Unit	AOUH18LUAS1		
System	18LUAS1U		
EFFICIENCIES			
SEER	--		
SEER 2	23.5		
EER	--		
EER 2	13		
HSPF	--		
HSPF 2	11.2		
COP	kW/kW	--	
COP	Btu/hW	--	
COP2	kW/kW	3.6	
COP2	Btu/hW	12.3	
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	Btu/h	21600
	Min.–Max.		3,100–25,600
LINESET REQUIREMENTS			
Connection Method	Flare		
Liquid	in (mm)	Ø1/4 (Ø6.35)	
Gas	in (mm)	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)	9-11/16 x 33-1/16 x 33-1/16 (246 x 840 x 840)	
Gross (H x W x D)	in (mm)	11-3/4 x 37-3/8 x 38-3/16 (298 x 950 x 970)	
Net Weight	lb (kg)	53 (24)	
Gross Weight	lb (kg)	64 (29)	
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)	in (mm)	27-1/4 x 37 x 14-3/4 (692 x 940 x 375)	
Net Weight	lb (kg)	86 (39)	
Gross Weight	lb (kg)	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-RSRU	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: 5/2/2023

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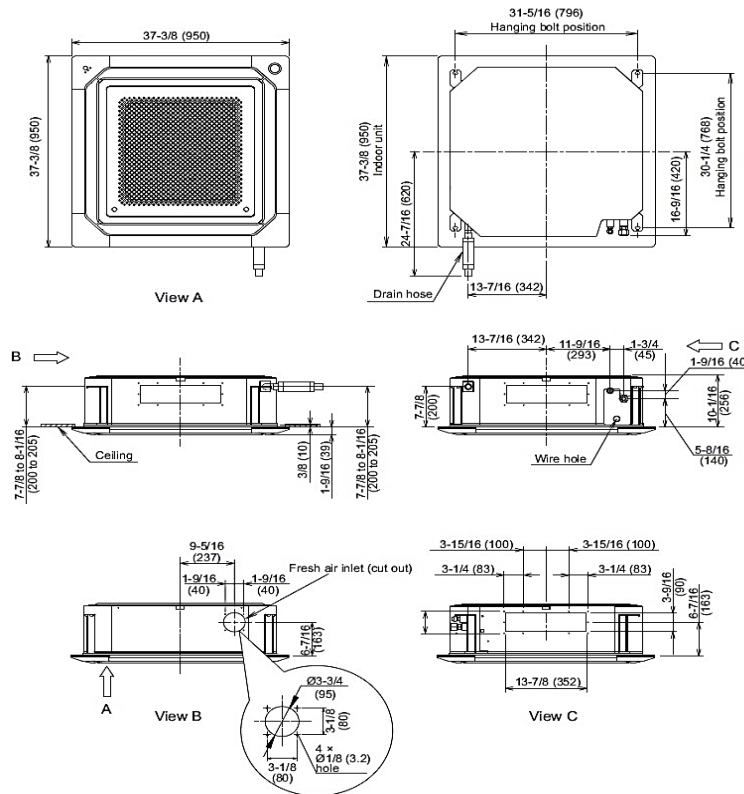
FAN DATA				
Indoor Unit Airflow rate	Cooling	HIGH	CFM (m3/h)	618 (1,050)
		MED		565 (960)
		LOW		530 (900)
		QUIET		459 (780)
	Heating	HIGH		618 (1,050)
		MED		565 (960)
		LOW		530 (900)
		QUIET		459 (780)
Outdoor Unit Airflow rate	Cooling		1,395 (2,370)	
	Heating		1,460 (2,480)	
SOUND PRESSURE				
Indoor Unit	Cooling	HIGH	dB (A)	34
		MED		32
		LOW		31
		QUIET		28
	Heating	HIGH		34
		MED		32
		LOW		31
		QUIET		28
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	6.1	
	Heating	Rated		7.8	
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	1.38	
		Min.–Max.		0.13–1.94	
	Heating	Rated		1.76	
Min.–Max.		0.14–2.70			
Power Factor		Cooling		%	98.1
		Heating			98.3
OTHER					
Moisture Removal		pints/h (L/h)	3.6 (1.7)		
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

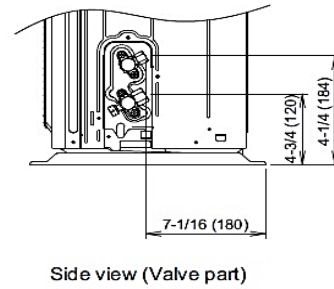
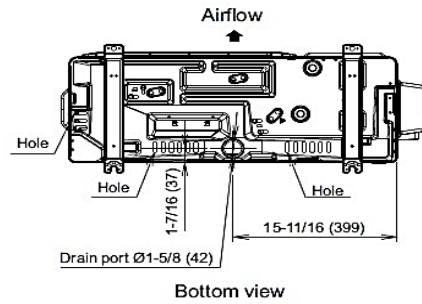
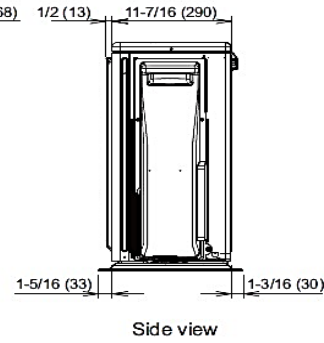
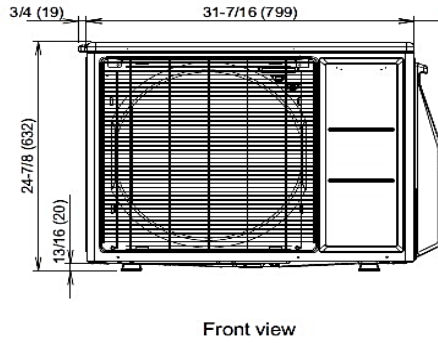
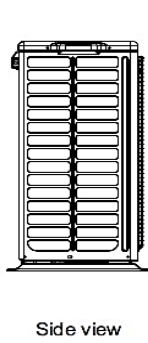
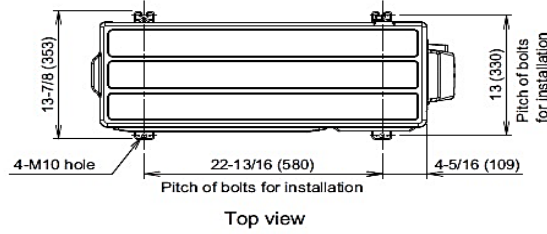
Units: In. (mm)



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).