

Inverter Driven Heat Pump

18,000 BTU Single Zone Compact Cassette

Job Name \_\_\_\_\_  
 Location \_\_\_\_\_  
 Engineer \_\_\_\_\_  
 Submitted To \_\_\_\_\_  
 Submitted By \_\_\_\_\_  
 Reference \_\_\_\_\_

Date \_\_\_\_\_  
 Approval \_\_\_\_\_  
 Construction \_\_\_\_\_  
 Unit No \_\_\_\_\_  
 Drawing No \_\_\_\_\_

**PRODUCT FEATURES**

- 24 hr. Timer/Weekly Timer
- Auto louver: Up/Down
- Auto Mode
- Auto Changeover
- Daisy Chain Compatible
- Built-in Condensate Pump
- Auto Restart
- Economy Mode
- Auto Fan Mode



MODEL NUMBERS			
Indoor Unit	ACUH18LUAS1		
Outdoor Unit	AOUH18LUAS1		
System	18LUAS1C		
EFFICIENCIES			
SEER	20.8		
SEER 2	21.5		
EER	12.5		
EER 2	12.5		
HSPF	11.6		
HSPF 2	11.2		
COP	kw/kw	3.5	
COP	Btu/hW	11.9	
COP2	kw/kw	2.5	
COP2	Btu/hW	8.5	
OUTDOOR TEMPERATURE OPERATION RANGE			
Cooling	*F(*C)		14 to 115 (-10 to 46)
Heating			-5 to 75 (-21 to 24)
CAPACITIES			
Cooling	Rated	Btu/h	17100
	Min.-Max.		3,100-20,100
Heating	Rated		21600
	Min.-Max.		3,100-23,900
LINESET REQUIREMENTS			
Connection Method		Flare	
Liquid	in (mm)	Ø 1/4 (Ø 6.35)	
Gas		Ø 1/2 (Ø 12.7)	
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)	9-5/8 x 22-7/16 x 22-7/16 (245 x 570 x 570)	
Gross (H x W x D)		10-7/16 x 28-3/4 x 24-5/8 (265 x 730 x 625)	
Net Weight	lb (kg)	33 (15)	
Gross Weight		42 (19)	
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*	Wired Remote Controller	
UTY-RSRY	Simple Remote Controller	
UTY-RHRY	Simple Remote Controller	
UTY-LNTU	Wireless Remote Controller	
UTY-XWZXZG	External Connect Kit	
UTR-YDZB	Air Outlet Shutter Plate	
UTZ-VXAA	Fresh Air Intake Kit	
UTZ-KXGC	Insulation for High Humidity	
UTY-XCSX	External Input and Output PCB	
UTZ-GXEA	External Input and Output PCB Box	
UTY-TFSXZ2	WLAN Adapter	
UTY-VMSX	Modbus Converter	
UTG-CCGFGA	Cassette Grille	
UTY-TTRXZ1	Thermostat Converter	
UTY-VTGX	Network Converter	
UTY-VTGXV	Network Converter (AC power supply)	
UTY-TERX	External Switch Controller	



This system combination is Energy Star qualified

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: 12/14/2022

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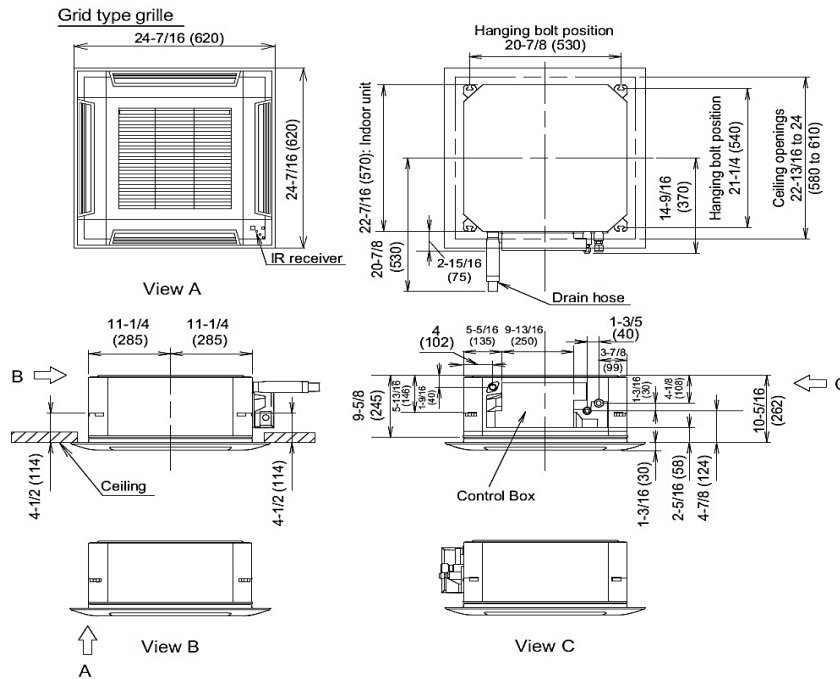
FAN DATA				
Indoor Unit Airflow rate	Cooling	HIGH	CFM (m3/h)	436 (740)
		MED		341 (580)
		LOW		288 (490)
		QUIET		241 (410)
	Heating	HIGH		471 (800)
		MED		341 (580)
		LOW		288 (490)
		QUIET		241 (410)
Outdoor Unit Airflow rate	Cooling		1,395 (2,370)	
	Heating		1,460 (2,480)	
SOUND PRESSURE				
Indoor Unit	Cooling	HIGH	dB (A)	42
		MED		36
		LOW		32
		QUIET		28
	Heating	HIGH		44
		MED		40
		LOW		36
		QUIET		30
Outdoor Unit	Cooling		52	
	Heating		55	
REFRIGERANT				
Type				R410A
Charge	lb oz			2lbs.12oz.
	g			1250
Oil Type				RB68A

ELECTRICAL SPECIFICATIONS					
Voltage/Frequency/Phase		208/230 V ~ 60 Hz			
Available Voltage Range		187-253 V			
Current	Cooling	Rated	A	6.1	
	Heating	Rated		8.1	
Maximum Operating Current		Cooling		11.8	
		Heating		14.8	
Starting current				8.1	
MCA				14.8	
Maximum Circuit Breaker				20	
Input Power	Cooling	Rated		kW	1.37
		Max.	2.35		
	Heating	Rated	1.81		
		Max.	2.5		
Power Factor	Cooling		%		97.6
	Heating				97.2
OTHER					
Moisture Removal		pints/h (L/h)	4.6 (2.2)		
Energy Star			Yes		
Drain hose	Material		HARD PVC		
	Tip diameter	in (mm)	Ø13/16 (Ø20.7) [I.D.] Ø1-1/16 (Ø26.6) [O.D.]		
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

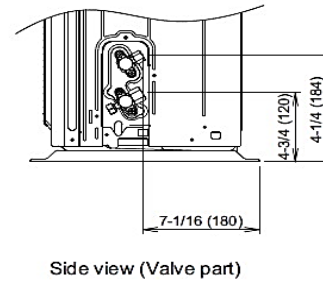
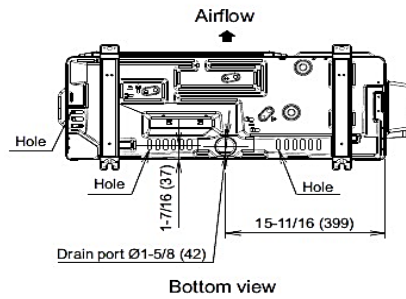
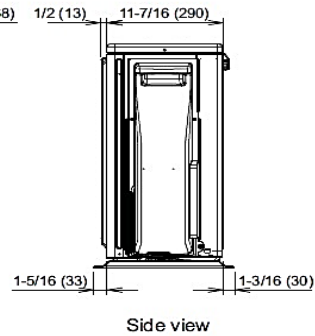
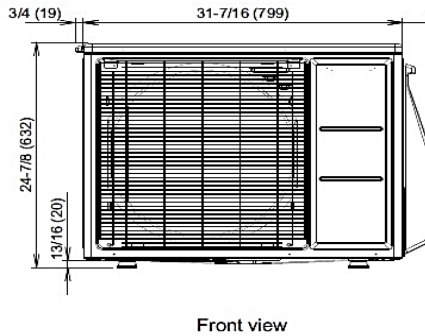
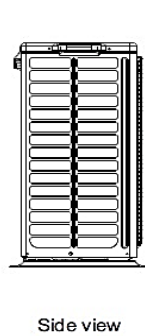
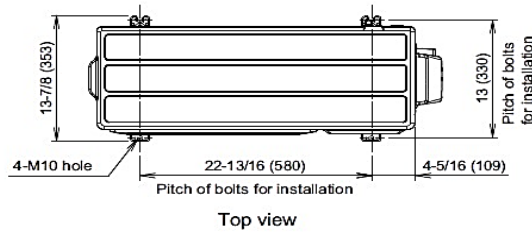
Units: In. (mm)



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).