

## Inverter Driven Heat Pump

## 18,000 BTU 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  
 Adjustable louver swing  
 Adjustable airflow  
 Optional human sensor detects room occupancy for energy savings  
 7mm High density heat exchanger  
 Seamless airflow louver  
 Grille available in White (UTG-GCGF) or Black (UTG-LCGVCB), sold separately



### MODEL NUMBERS

Indoor Unit	AUU18RGLX
Outdoor Unit	AOU18RGLX
System	18RGLXC

### EFFICIENCIES

SEER	21.4	
SEER 2	22	
EER	13.4	
EER 2	13.4	
HSPF	10.9	
HSPF2 (IV) / HSPF2 (V)	10.5/8.5	
COP	kW/kW	4.19
COP	Btu/hW	14.3
COP2	kW/kW	4.18
COP2	Btu/hW	14.3

### 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	18000
	Min.-Max.		5,400-21,500
Heating	Rated	Btu/h	21000
	Min.-Max.		5,400-25,600

### LINESET REQUIREMENTS

Connection Method	Flare		
Liquid	in (mm)		Ø1/4 (6.35)
Gas			Ø1/2 (12.70)
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)	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 37-13/16 x 37-3/8 (298 x 960 x 950)
Net Weight	lb (kg)	53 (24)
Gross Weight		62 (28)

### OUTDOOR DIMENSIONS & WEIGHT

Net (H x W x D)	in (mm)	32-11/16 x 35-7/16 x 13 (830 x 900 x 330)
Gross (H x W x D)		39-3/8 x 41-5/16 x 17-1/2 (1,000 x 1,050 x 445)
Net Weight	lb (kg)	134 (61)
Gross Weight		152 (69)

### 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-LBTUC	IR Receiver Kit with Wireless Remote Controller
UTG-GCGF	Cassette Grille
UTG-LCGVCB	Cassette Grille
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 for High Humidity
UTY-XCSX	External Input and Output PCB
UTY-TFSXZ2	WLAN Adapter
UTY-VMSX	Modbus Converter
UTY-TTRXZ1	Thermostat Converter
UTY-VTGX	Network Converter



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: 12/16/2022

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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			1,177 (2,000)
	Heating			1,489 (2,530)

### SOUND PRESSURE

Indoor Unit	Cooling	HIGH	dB (A)	33
		MED		32
		LOW		31
		QUIET		28
	Heating	HIGH		33
		MED		32
		LOW		31
		QUIET		28
Outdoor Unit	Cooling			47
	Heating			50

### 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	6.1
	Heating	Rated		6.6
Maximum Operating Current	Cooling			13.6
	Heating			14.1
Starting current			A	6.6
MCA				18.3
Maximum Circuit Breaker				20
Input Power	Cooling	Rated	kW	1.35
		Min.–Max.		0.50–2.05
	Heating	Rated		1.47
		Min.–Max.		0.48–2.27
Power Factor	Cooling		%	97
	Heating			97

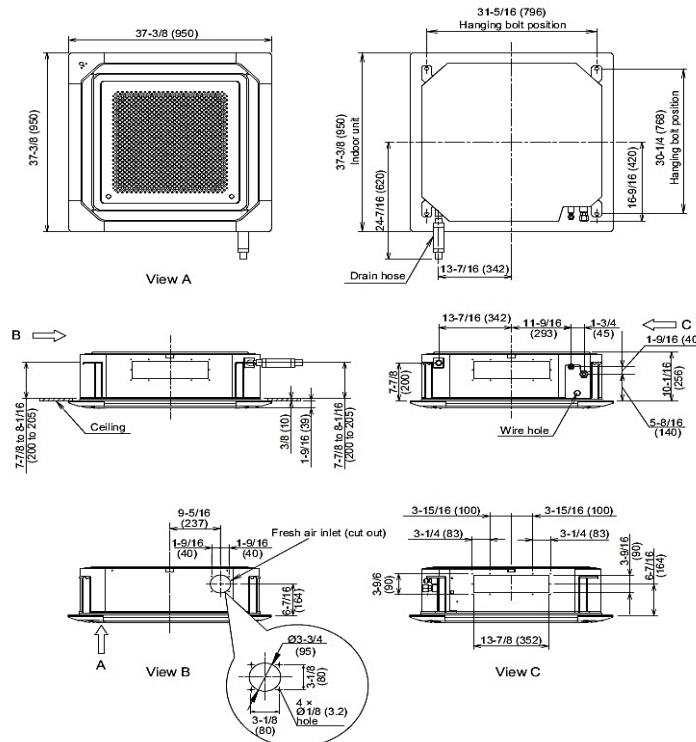
### OTHER

Moisture Removal		pints/h (L/h)	4.6 (2.2)
Energy Star			Yes
Drain hose	Material		PVC
	Tip diameter	in (mm)	Ø1/2 (Ø13.0) (I.D.), Ø5/8 to Ø11/16 (Ø16.0 to Ø16.7) (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

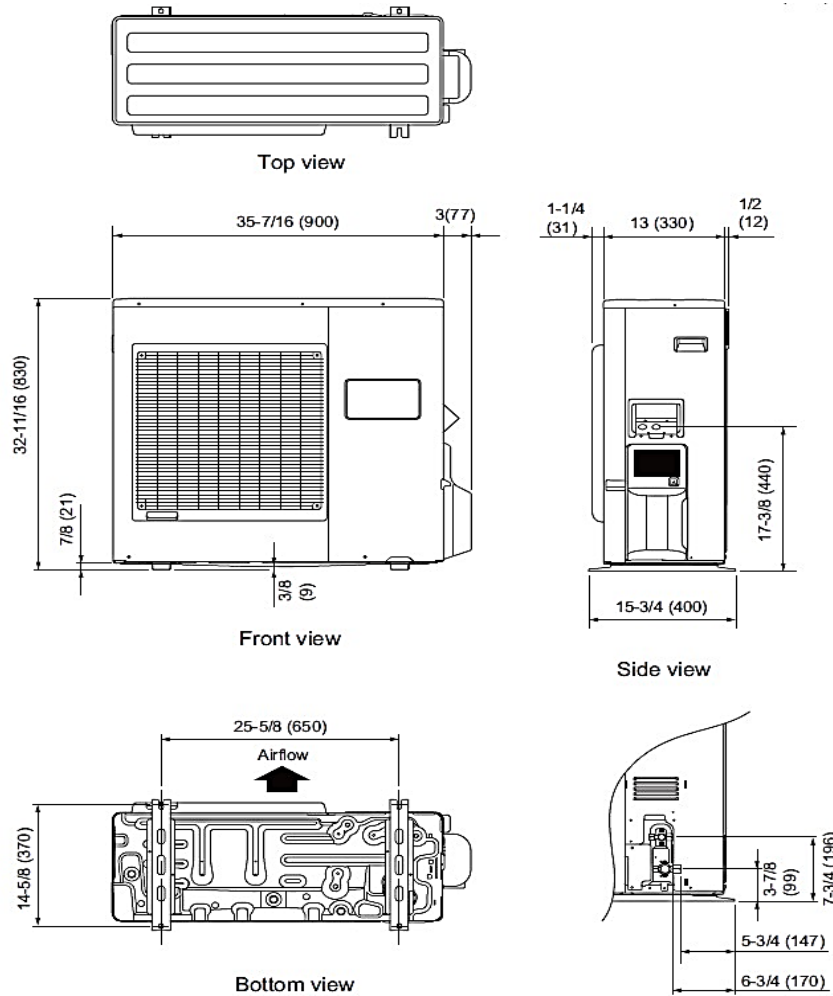
Units: In. (mm)



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).