

**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
- Fresh air intake option
- Recommended wired remote control: UTY-RNRU22



**MODEL NUMBERS**

Indoor Unit	AUU18RGLX
Outdoor Unit	AOU18RGLX
System	18RGLX

**EFFICIENCIES**

SEER	21.4
EER	13.4
HSPF	10.9
COP	14.3

**OUTDOOR TEMPERATURE OPERATION RANGE**

Cooling	*F(*C)	-5 to 115 (-20 to 46)
Heating		-5 to 75 (-20 to 24)

**CAPACITIES**

Cooling	Rated	BTU/hw	18,000
	Min.-Max.		5,400-21,500
Heating	Rated		21,000
	Min.-Max.		5,400-25,600

**LINESET REQUIREMENTS**

Connection Method		Flare
Liquid	in (mm)	Ø 1/4 (6.35)
Gas		Ø 1/2 (12.70)
Pre-Charge Length	ft (m)	65 (20)
Minimum Length		16 (5)
Maximum Length		164 (50)
Max. Height Diff.		98 (30)

**INDOOR DIMENSIONS & WEIGHT**

Net (H x W x D)	in	9-11/16 x 33-1/16 x 33-1/16
	mm	246 x 840 x 840
Gross (H x W x D)	in	11-3/4 x 37-13/16 x 37-3/8
	mm	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	32-11/16 x 35-7/16 x 13
	mm	830 x 900 x 330
Gross (H x W x D)	in	39-3/8 x 41-5/16 x 17-1/2
	mm	1,000 x 1,050 x 445
Net Weight	lb (kg)	134 (61)
Gross Weight		152 (69)

**WARRANTY**



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**

White Cassette Grille	UTG-GCGF
Black Cassette Grille	UTG-LCGVCB
Wired Remote Control	UTY-RNRU22
Simple Remote Control	UTY-RSRY
IR Receiver Kit w/ Wireless Remote	UTY-LBTUC
Human Sensor Kit	UTY-SHZXC
Third Party Thermostat Adapter	UTY-TTRX

Please see Design & Technical Manual for full Accessory list



This system combination is Energy Star qualified



Indoor Unit ETL#: 3170288  
 Outdoor Unit ETL#: 91987

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://portal.fujitsugeneral.com>

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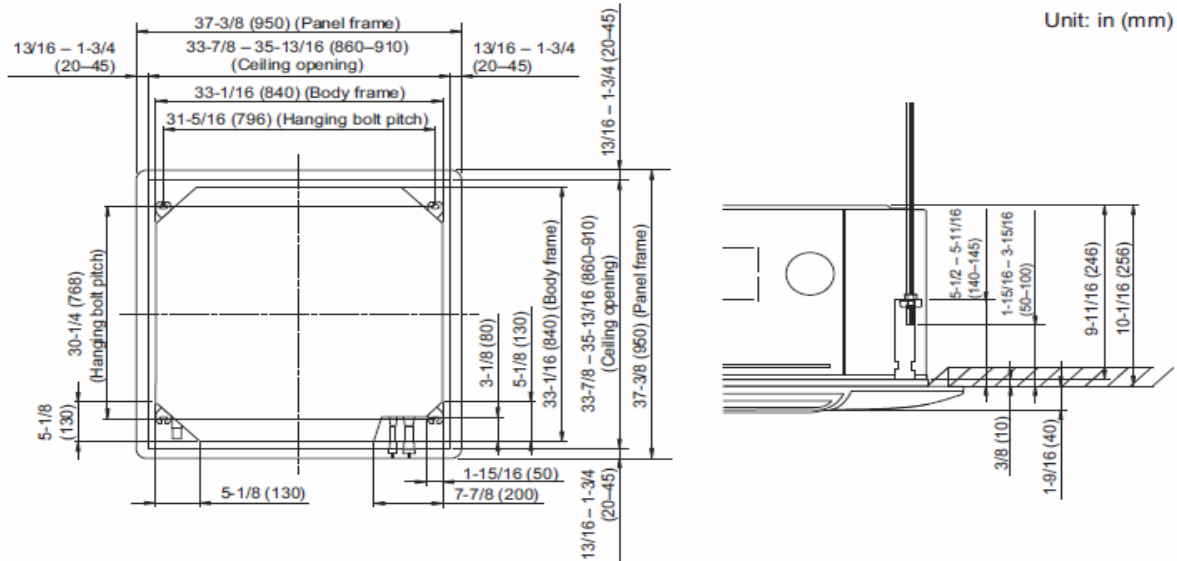
FAN DATA				
Indoor Unit Airflow Rate	Cooling	High	CFM (m3/h)	618 (1,050)
		Medium		565 (960)
		Low		530 (900)
		Quiet		459 (780)
	Heating	High		618 (1,050)
		Medium		565 (960)
		Low		530 (900)
		Quiet		459 (780)
Outdoor Unit Airflow Rate	Cooling		1,177 (2,000)	
	Heating		1,489 (2,530)	
SOUND PRESSURE				
Indoor Unit	Cooling	High	dB (A)	33
		Medium		32
		Low		31
		Quiet		28
	Heating	High		33
		Medium		32
		Low		31
		Quiet		28
Outdoor Unit	Cooling		47	
	Heating		50	
REFRIGERANT				
Type				R410A
Charge	lb oz			4 lb 10.1oz
	g			2,100
Oil Type				POE (RB68)

ELECTRICAL SPECIFICATIONS				
Voltage/Frequency/Phase			208-230V/60Hz/1	
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			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
Fan	High	W	16	
	Medium		12	
	Low		11	
	Quiet		7	
Power Factor	Cooling	%	97	
	Heating		97	
INDOOR TEMPERATURE OPERATION RANGE				
Operation Range	Cooling	°F (°C)	64 to 90 (18 to 32)	
		%RH	80 or less	
	Heating	°F (°C)	60 to 86 (16 to 30)	
OTHER				
Moisture Removal		pints/h (L/h)	3.9 (2.2)	
Energy Star		Yes		

CASSETTE GRILLE (SOLD SEPARATELY)				
Color	UTG-GCGF			White
	UTG-LCGVCB			Black
Dimensions (H x W x D)	Net	in (mm)	2-1/16 x 37-3/8 x 37-3/8	
			(53 x 950 x 950)	
	Gross		4-5/16 x 39-3/8 x 39-3/4	
			(110 x 1,000 x 1,010)	
Weight	Net	lb (kg)	13 (6.0)	
			22 (10)	

- NOTES:
- Specifications are based on the following conditions:
    - Cooling: Indoor temperature of 80 °FDB (26.67 °CDB) / 67 °FWB (19.44 °CWB), and outdoor temperature of 95 °FDB (35 °CDB) / 75 °FWB (23.9 °CWB).
    - Heating: Indoor temperature of 70 °FDB (21.11 °CDB) / 59 °FWB (15 °CWB), and outdoor temperature of 47 °FDB (8.33 °CDB) / 43 °FWB (6.11 °CWB).
    - Pipe length: 24 ft 6 in (7.5 m), Height difference: 0 ft (0 m). (Between outdoor unit and indoor unit.)
  - Protective function(s) might engage when using a system outside of the specified operation range.
  - Maximum operating current is the total current of the indoor unit and the outdoor unit.
  - Sound pressure level is measured values in manufacturer’s anechoic chamber. Because of the surrounding sound environment, the sound levels measured in actual installation conditions may differ from the values specified here.

• Ceiling opening and hanging bolt pitch



• Refrigerant piping and drain piping positions

