

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
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

	Rated	BTU/hW	18,000
Cooling	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)
		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 Information


7 Year Compressor, 5 Year Parts out-of-the-box Warranty



10 Year Compressor, 10 Year Parts Warranty when registered within 30 days of installation in a residence



12 Year Compressor, 12 Year Parts Warranty when registered within 30 days of installation in a residence, and installed by a Fujitsu Elite contractor

ACCESSORIES

UTG-GCGF	White Cassette Grille
UTG-LCGVCB	Black Cassette Grille
UTY-RNRUZ2	Wired Remote Control
UTY-RSRY	Simple Remote Control
UTY-LBTUC	IR Receiver Kit w/ Wireless Remote
UTY-SHZXC	Human Sensor Kit
UTY-TTRX	Third Party Thermostat Adapter
UTY-TFSXZ2	WiFi Module



This system combination is Energy Star qualified



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

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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)		

CASSETTE GRILL (SOLD SEPARATELY)

Color	UTG-GCGF	White	
	UTG-LCGVB	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
Weight	Net	lb (kg)	13 (6.0)
			Gross

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		
Power Factor	Cooling	%		97
	Heating			97

OTHER

Moisture Removal	pints/h (L/h)	3.9 (2.2)		
Energy Star	Yes			
Drain hose	Material	PVC (VP25)		
Operation Range	Size	in (mm)	Ø 1 (25) (I.D.), Ø 1-1/16 (26.6)	
		Cooling	°F (°C)	64 to 90 (18 to 32)
			%RH	80 or less
	Heating	°F (°C)	60 to 86 (16 to 30)	

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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).

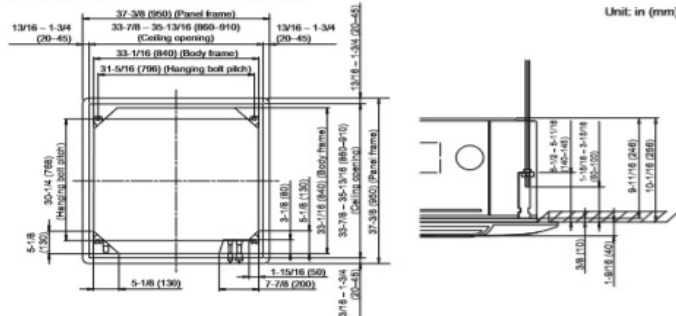
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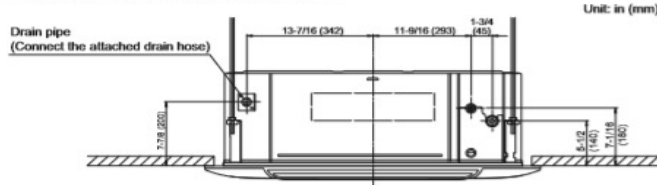
DIMENSIONS

Units: In. (mm)

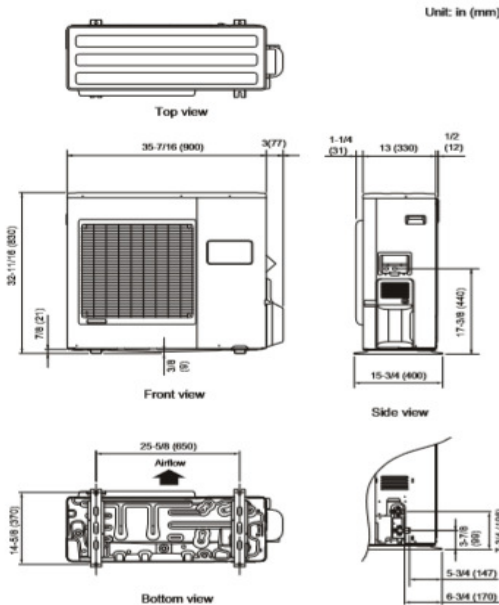
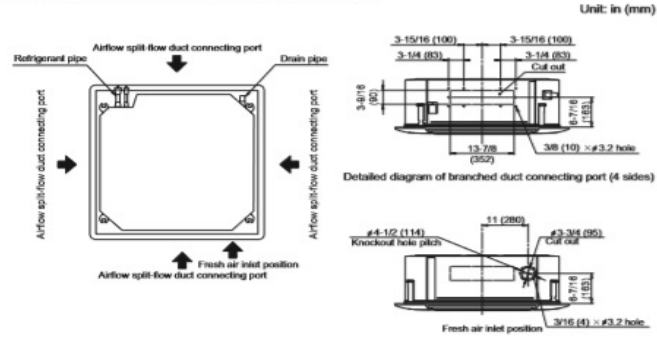
• Ceiling opening and hanging bolt pitch



• Refrigerant piping and drain piping positions



• Airflow split-flow duct and fresh-air inlet positions



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