

Inverter Driven Heat Pump

48,000 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	AUU48RGLX
Outdoor Unit	AOU48RGLX
System	48RGLXC

EFFICIENCIES

SEER	17.8
EER	10.1
HSPF	10.6
COP	kW/kW 3.46
	Btu/hW 11.8

OUTDOOR TEMPERATURE OPERATION RANGE

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

CAPACITIES

Cooling	Rated	48,000
	Min.-Max.	17,100-50,000
Heating	Rated	53,000
	Min.-Max.	18,000-55,000

LINESET REQUIREMENTS

Connection Method		Flare
Liquid	in (mm)	Ø 3/8 (9.52)
Gas		Ø 5/8 (15.88)
Pre-Charge Length	ft (m)	98 (30)
Minimum Length		16 (5)
Maximum Length		246 (75)
Max. Height Diff.		98 (30)

INDOOR DIMENSIONS & WEIGHT

Net (H x W x D)	in	11-5/16 x 33-1/16 x 33-1/16
	mm	288 x 840 x 840
Gross (H x W x D)	in	13-3/8 x 37-13/16 x 37-3/8
	mm	340 x 960 x 950
Net Weight	lb (kg)	64 (29)
Gross Weight		73 (33)

OUTDOOR DIMENSIONS & WEIGHT

Net (H x W x D)	in	50-13/16 x 35-7/16 x 13
	mm	1,290 x 900 x 330
Gross (H x W x D)	in	57-1/2 x 41-5/16 x 17-1/2
	mm	1,460 x 1,050 x 445
Net Weight	lb (kg)	209 (95)
Gross Weight		231 (105)

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

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
KHRS940-25	Fresh Air Kit



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



SUBMITTAL 48RGLXC



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FAN DATA				
Indoor Unit Airflow Rate	Cooling	High	CFM (m3/h)	1,236 (2,100)
		Medium		1,048 (1,780)
		Low		942 (1,600)
		Quiet		777 (1,320)
	Heating	High		1,236 (2,100)
		Medium		1,048 (1,780)
		Low		942 (1,600)
		Quiet		777 (1,320)
Outdoor Unit Airflow Rate	Cooling		4,061 (6,900)	
	Heating		4,091 (6,950)	
SOUND PRESSURE				
Indoor Unit	Cooling	High	dB (A)	47
		Medium		43
		Low		40
		Quiet		36
	Heating	High		47
		Medium		43
		Low		40
		Quiet		36
Outdoor Unit	Cooling		57	
	Heating		59	
REFRIGERANT				
Type				R410A
Charge	lb oz	7 lb 10.1oz		
	g	3,450		
Oil Type	POE (RB68)			

ELECTRICAL SPECIFICATIONS				
Voltage/Frequency/Phase				208-230V/60Hz/1
Voltage Range				187–253 V
Current	Cooling	Rated	A	20.9
	Heating	Rated		19.7
Maximum Operating Current		Cooling		22.2
		Heating		20.7
Starting Current				20.9
MCA				28.3
Maximum Circuit Breaker				30
Input Power	Cooling	Rated	kW	4.75
		Min.–Max.		0.63–4.91
	Heating	Rated		4.49
		Min.–Max.		0.55–4.67
Power Factor	Cooling		%	97
	Heating			97
OTHER				
Moisture Removal		pints/h (L/h)		9.3 (5.3)
Energy Star		No		
Drain hose	Material	PVC (VP25)		
	Size	in (mm)	Ø 1 (25) (I.D.), Ø 1-1/16 (26.6)	
Operation Range	Cooling	°F (°C)	64 to 90 (18 to 32)	
		%RH	80 or less	
	Heating	°F (°C)	60 to 86 (16 to 30)	

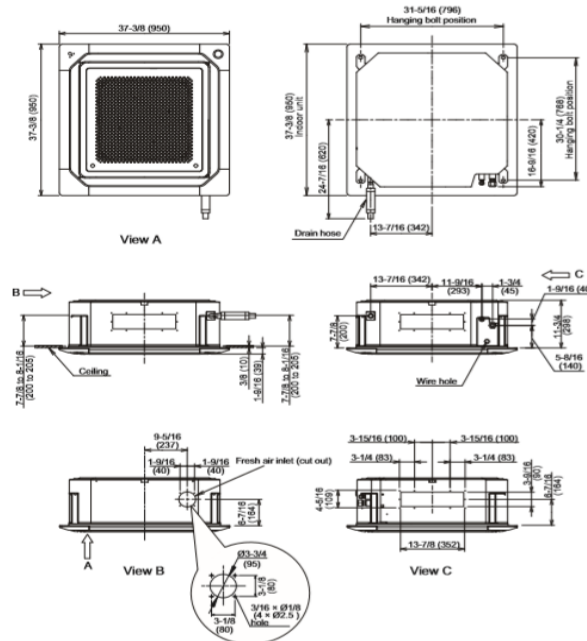
CASSETTE GRILL (SOLD SEPARATELY)

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		4-5/16 x 39-3/8 x 39-3/4	
			(110 x 1,000 x 1,000)	
Weight	Net	lb (kg)	13 (6.0)	
	Gross		22 (10)	

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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).



2-2. Models: AOU42RGLX and AOU48RGLX

