

# **SUBMITTAL 42RGLXC**



## **Inverter Driven Heat Pump**

## 42,000 BTU Circular Flow Cassette

Job Name		
Location	Date	
Engineer	Approval	
Submitted To	Construction	
Submitted By	Unit No	
Reference	Drawing No	

### PRODUCT FEATURES

- 360° Circular flow distributes air more evenly around the room
- · Adjustable louver swing
- · Adjustable airflow

Gross (H x W x D)

Net Weight

Gross Weight

Net (H x W x D)

Gross (H x W x D)

Net Weight

Gross Weight

Effective Date:

- · 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			AUU42RGLX	
Outdoor Unit			AOU42RGLX	
System			42RGLXC	
EFFICIENCIES				
SEER			18.5	
EER				
HSPF			9.7	
СОР			12.6	
OUTDOOR TEMPERA	ATURE OPERATION	N RANGE		
Cooling	°F(°C)	-5 to 115 (-20 to		
Heating	F( C)		-5 to 75 (-20 to 24)	
CAPACITIES				
Cooling	Rated	BTU/hW	42,000	
Cooling	Min.–Max.		17,100–45,000	
Hosting	Rated		47,000	
Heating	Min.–Max.		18,000–51,000	
LINESET REQUIREM	ENTS			
Connection Method			Flare	
Liquid	in (mm)		Ø 3/8 (9.52)	
Gas	111 (111111)	Ø 5/8 (15.88)		
Pre-Charge Length			98 (30)	
Minimum Length	ft (m)		16 (5)	
Maximum Length	11 (111)		246 (75)	
Max. Height Diff.			98 (30)	
INDOOR DIMENSIO	NS & WEIGHT			
Net (H x W x D)	in		11-5/16 × 33-1/16 × 33-1/16	
THEL (III X VV X IJ)				

## **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



12/18/2018

lb (kg)

lb (kg)

mm

mm

in

in

in

mm

mm

**OUTDOOR DIMENSIONS & WEIGHT** 

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

288 × 840 × 840

340 × 960 × 950

64 (29)

73 (33)

209 (95)

231 (105)

13-3/8 × 37-13/16 × 37-3/8

50-13/16 × 35-7/16 × 13

57-1/2 × 41-5/16 × 17-1/2

Version 42RGLXC -2018A

1,290 × 900 × 330

1,460 × 1,050 × 445



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FAN DATA				
Indoor Unit Airflow	Cooling	High	GEAA (21h)	1,177 (2,000)
		Medium		971 (1,650)
		Low		859 (1,460)
		Quiet		765 (1,300)
Rate	Heating	High		1,177 (2,000)
		Medium	CFM (m3/h)	971 (1,650)
		Low		859 (1,460)
		Quiet		765 (1,300)
Outdoor Unit	Cooling			3,973 (6,750)
Airflow Rate	Heating			3,649 (6,200)
SOUND PRESSURE				
		High	dB (A)	46
	Cooling	Medium		42
		Low		39
Indoor Unit		Quiet		35
middor ome	Heating	High		46
		Medium		42
		Low		39
		Quiet		35
Outdoor Unit	Cooling			55
	Heating			57
REFRIGERANT				
Туре				R410A
Charge	lb oz			7 lb 10.1oz
charge	g			3,450
Oil Type				POE (RB68)

<b>ELECTRICAL SPE</b>	CIFICATIONS			
Voltage/Frequency/Phase				208-230V/60Hz/1
Voltage Range				187–253 V
Current	Cooling	Rated		16.7
	Heating	Rated		16.8
Maximum Operating Current		Cooling	A	19.7
		Heating		19.7
Starting Current	Starting Current			16.8
MCA				25.2
Maximum Circui	it Breaker			30
	Cooling	Rated		3.72
Input Power	Cooling	Min.–Max.	kW	0.63-4.35
iliput Powei	Heating	Rated		3.74
		Min.–Max.		0.55-4.39
Power Factor	Cooling		%	97
	Heating			97
OTHER				
Moisture Removal		pints/h (L/h)		7.7 (4.4)
Energy Star				No
Drain hose	Material	PVC (VP25)		
	Size	in (mm)	Ø 1 (25) (I.D.), Ø 1-1/16 (26.6)	
Operation	Cooling	°F (°C)		
Range		%RH	80 or less	
Nange	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	Gross (kg)	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).

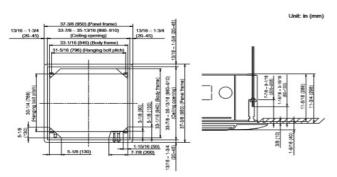




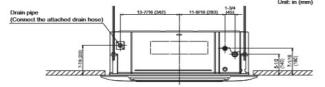
**Inverter Driven Heat Pump** 

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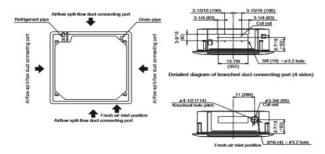
**DIMENSIONS** Units: In. (mm)



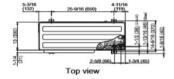
· Refrigerant piping and drain piping positions



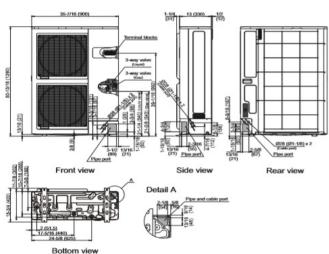
Airflow split-flow duct and fresh-air inlet positions



## 2-2. Model: AOU42RGLX







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