

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
- 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			11.3	
HSPF			9.7	
СОР	kW/kW		3.69	
COP	Btu/hW		12.6	
OUTDOOR TEMPER	ATURE OPERATION	V RANGE		
Cooling	°F(°C)		-5 to 115 (-20 to 46)	
Heating	Γ(C)	-5 to 75 (-20 to 24)		
CAPACITIES				
Cooling	Rated	BTU/hW	42,000	
Cooming	Min.–Max.		17,100–45,000	
Heating	Rated		47,000	
ricating	Min.–Max.		18,000–51,000	
LINESET REQUIREM	IENTS			
Connection Method			Flare	

Cooling	Min.–Max.	BTU/hW	17,100–45,000		
Heating	Rated	DIU/IIW	47,000		
	Min.–Max.		18,000–51,000		
LINESET REQUIREM	ENTS				
Connection Method			Flare		
Liquid	in (mm)		Ø 3/8 (9.52)		
Gas	()		Ø 5/8 (15.88)		
Pre-Charge Length		98 (30			
Minimum Length	ft (m)		16 (5)		
Maximum Length] (111)		246 (75)		
Max. Height Diff.			98 (30)		
INDOOR DIMENSIO	INDOOR DIMENSIONS & WEIGHT				
Net (H x W x D)	in	11-5/16 × 33-1/16 × 33-1/16			
	mm	288 × 840 × 840			
Gross (H x W x D)	in		13-3/8 × 37-13/16 × 37-3/8		
	mm		340 × 960 × 950		
Net Weight	lb (kg)		64 (29)		
Gross Weight			73 (33)		
OUTDOOR DIMENSI	ONS & WEIGHT				
Net (H x W x D)	in	50-13/16 × 35-7/16 × 13			
Net (II X W X D)	mm		1,290 × 900 × 330		
Gross (H x W x D)	in	57-1/2 × 41-5/16 × 17-1/2			
GIO33 (II A W A D)	mm		1,460 × 1,050 × 445		
Net Weight	- Ib (kg)		209 (95)		
Gross Weight	io (kg)		231 (105)		



Warranty Information

Year

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-RNRUZ4	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

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

Effective Date: 6/27/2019 Version 42RGLXC -2018A

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	Cooling	High	CFM (m3/h)	1,177 (2,000)
		Medium		971 (1,650)
		Low		859 (1,460)
		Quiet		765 (1,300)
Rate	Heating	High		1,177 (2,000)
		Medium		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
illuoor offic	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
	g			3,450
Oil Type				POE (RB68)

ELECTRICAL SPI	ECIFICATIONS			
Voltage/Frequer	ncy/Phase		208-230V/60Hz/1	
Voltage Range				187–253 V
Current	Cooling	Rated		16.7
	Heating	Rated		16.8
Maximum Operating Current		Cooling	Α	19.7
Maximum open	ating current	Heating		19.7
Starting Current				16.8
MCA				25.2
Maximum Circu	it Breaker			30
	Cooling	Rated		3.72
Input Power	Cooming	Min.–Max.	kW	0.63-4.35
input rower	Heating	Rated		3.74
	ricating	Min.–Max.		0.55–4.39
Power Factor	Cooling		%	97
	Heating			97
OTHER				
Moisture Remov	/al	pints/h (L/h)		7.7 (4.4)
Energy Star			No	
Drain hose	Material		PVC (VP25)	
	Size	in (mm)		
Operation	Cooling	°F (°C) 64 to 90 (18 to 32)		
Range		%RH	80 or less	
Lange	Heating	°F (°C)	60 to 86 (16 to 30)	

CASSETTE GRILL (SOLD SEPARATELY)

Color	UTG-GCGF	White	
COIOI	UTG-LCGVB	Blac	
	Net	in (mm)	2- 1/16 x 37-3/8 x 37 3/8
Dimensions			(53 x 950 x 950)
(H x W x D)	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)
weight	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 (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: 25°F. (7.5°m), Height difference: 0ft. (0m) (Outdoor unit – indoor unit).

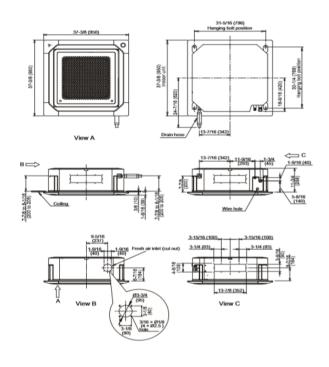




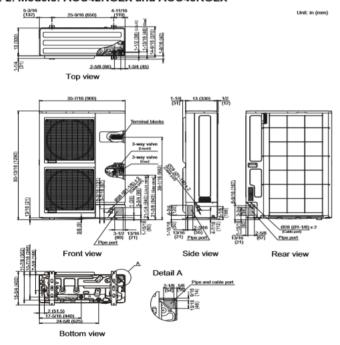
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DIMENSIONS Units: In. (mm)



2-2. Models: AOU42RGLX and AOU48RGLX



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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).