

SUBMITTAL 42RGLXD



Inverter Driven Heat Pump

Job Name	
Location	
Engineer	
Submitted To	
Submitted By	

42,000	BTU	Mid	Stati	ic dı	ıcted

Date	
Approval	
Construction	
Unit No	
Drawing No	

PRODUCT FEATURES

- Up to .80" WC
- Two wire or Three wire Controls

Reference

- Automatic Airflow Adjustment
- Energy Efficient up to 21.3 SEER
- Quiet Operation as low as 24 decibels
- Long Lineset Lengths up to 246'





MODEL NUMBERS Indoor Unit ARU42RGLX Outdoor Unit AOU42RGLX 42RGLXD System

System		42RGLXD		
EFFICIENCIES				
SEER			17.8	
EER			11.5	
HSPF			10.5	
COP (kW)			3.75	
OUTDOOR TEMPERA	ATURE OPERATION	N RANGE		
Cooling	°F(°C)	-5 to 115 (-20 -		
Heating	1 (C)		-5 to 75 (-20 to 24)	
CAPACITIES				
Cooling	Rated		42,000	
cooming	Min.–Max.	BTU/hW	17,100–45,000	
Heating	Rated	Broniw	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	_ ((())		246 (75)	
Max. Height Diff.			98 (30)	
INDOOR DIMENSIO	NS & WEIGHT			
Net (H x W x D)	in	11-13/16 × 55-1/8 × 27-9/16		
Net (II X W X D)	mm		(300 × 1,400 × 700)	
Gross (H x W x D)	in		15-3/4 × 64-1/2 × 34-7/16	
01033 (11 X W X D)	mm	(400 × 1,638 × 875)		
Net Weight	lb (kg)		121 (55)	
Gross Weight	ib (kg)		141 (64)	
OUTDOOR DIMENSI	ONS & WEIGHT			
Not (II v M v D)	in		50-13/16 × 35-7/16 × 13	
Net (H x W x D)	mm	1,290 × 900 × 33		
c (II III D)	in		57-1/2 × 41-5/16 × 17-1/2	
Gross (H x W x D)	mm	1,460 × 1,050 × 44		
Net Weight	lle (lea)		209 (95)	
Gross Weight	lb (kg)		231 (105)	
	1		, ,	

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	
UTY-RNRUZ2	Wired Remote Control
UTY-RVNUM	Wired Remote Control
UTY-RSRY	Simple Remote Control
UTY-LBTUM	IR Receiver Kit
UTY-TTRX	Third Party Thermostat Adapter
UTY-TFSXZ2	WiFi Module
UTY-XSZX	Remote Sensor



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

Effective Date: 2/5/2019 Version 42RGLXD -2018A Fujitsu General America, Inc. • 353 Route 46 West Fairfield, NJ 07004 • Toll Free: (888) 888-3424 • www.fujitsugeneral.com



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Inverter Driven Heat Pump

42,000 BTU Mid Static ducted

FAN DATA				
	Cooling	High	CFM (m3/h)	1501 (2550)
		Medium		1201 (2040)
		Low		971 (1650)
Indoor Unit Airflow		Quiet		842 (1430)
Rate	Heating	High		1501 (2550)
		Medium		1201 (2040)
	Heating	Low		971 (1650)
		Quiet		842 (1430)
Outdoor Unit	Cooling			3,973 (6,750)
Airflow Rate	Heating			3,649 (6,200)
SOUND PRESSURE				
		High	dB (A)	40
	Cooling	Medium		35
		Low		33
Indoor Unit		Quiet		29
Indoor onic		High		40
	Heating	Medium		35
	ricating	Low		33
		Quiet		29
Outdoor Unit	Cooling			55
Outdoor offic	Heating			57
REFRIGERANT				
Туре				R410A
Charge	lb oz			7 lb 10.1oz
	g	3,450		
Oil Type POE (RB6				POE (RB68)

ELECTRICAL SPI	ECIFICATIONS				
Voltage/Frequency/Phase				208-230V/60Hz/1	
Voltage Range				187–253 V	
Current	Cooling	Rated		16.0	
	Heating	Rated		16.1	
Maximum Operating Current		Cooling	A	19.7	
		Heating		19.7	
Starting Current				16.8	
MCA				25.2	
Maximum Circu	it Breaker			30	
	Cooling	Rated		3.65	
Input Power	Cooling	Min.–Max.	kW	0.75-4.47	
iliput Powei	Hoating	Rated	KVV	3.67	
	Heating	Min.–Max.		0.67-4.57	
Power Factor	Cooling		%	99.2	
	Heating			99.1	
OTHER					
Moisture Removal		pints/h (L/h) 5.5 (2.6			
Energy Star				NO	
Drain hose	Material			PVC	
Size	in (mm)	Ø 13/16 (20.7) [I.D.], Ø 1-1/16 (26.6) [O.D.] (VP25)			
Operation Range	Cooling	°F (°C) 64 to 90 (18 to 32			
		%RH	%RH 80 or les		
	Heating	°F (°C)	C) 60 to 86 (16 to 30)		
Static Pressure Range		in. WG	0.12 - 0.72		
		Pa	30 - 200		

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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).

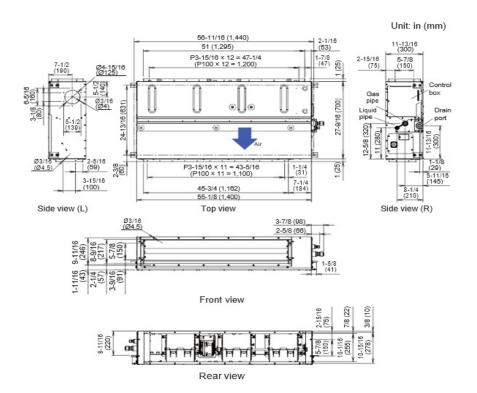


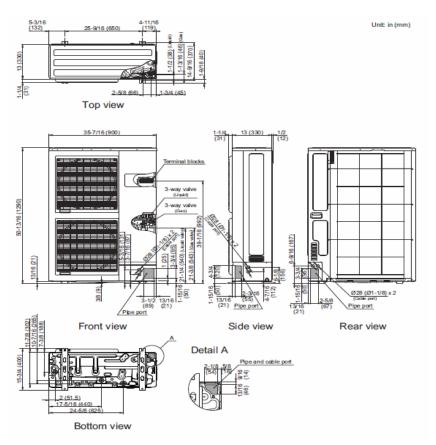
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DIMENSIONS





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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 90°F (26.7°C) DB/75°F (21.3°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).