

**Inverter Driven Heat Pump**

**42,000 BTU Mid Static ducted**

Job Name \_\_\_\_\_  
 Location \_\_\_\_\_  
 Engineer \_\_\_\_\_  
 Submitted To \_\_\_\_\_  
 Submitted By \_\_\_\_\_  
 Reference \_\_\_\_\_

Date \_\_\_\_\_  
 Approval \_\_\_\_\_  
 Construction \_\_\_\_\_  
 Unit No \_\_\_\_\_  
 Drawing No \_\_\_\_\_

**PRODUCT FEATURES**

- Up to .80" WC
- Two wire or Three wire Controls
- 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
System	42RGLXD

EFFICIENCIES	
SEER	17.8
EER	11.5
HSPF	10.5
COP (kW)	3.75

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

CAPACITIES			
Cooling	Rated	BTU/hw	42,000
	Min.-Max.		17,100-45,000
Heating	Rated		47,000
	Min.-Max.		18,000-51,000

LINESET REQUIREMENTS			
Connection Method Flare			
Liquid	in (mm)	Ø 3/8 (9.52)	
		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	11-13/16 x 55-1/8 x 27-9/16	
	mm	(300 x 1,400 x 700)	
Gross (H x W x D)	in	15-3/4 x 64-1/2 x 34-7/16	
	mm	(400 x 1,638 x 875)	
Net Weight	lb (kg)	121 (55)	
Gross Weight		141 (64)	

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 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>

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FAN DATA				
Indoor Unit Airflow Rate	Cooling	High	CFM (m3/h)	1501 (2550)
		Medium		1201 (2040)
		Low		971 (1650)
		Quiet		842 (1430)
	Heating	High		1501 (2550)
		Medium		1201 (2040)
		Low		971 (1650)
		Quiet		842 (1430)
Outdoor Unit Airflow Rate	Cooling		3,973 (6,750)	
	Heating		3,649 (6,200)	
SOUND PRESSURE				
Indoor Unit	Cooling	High	dB (A)	40
		Medium		35
		Low		33
		Quiet		29
	Heating	High		40
		Medium		35
		Low		33
		Quiet		29
Outdoor Unit	Cooling		55	
	Heating		57	
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	16.0
	Heating	Rated		16.1
Maximum Operating Current		Cooling		19.7
		Heating		19.7
Starting Current			16.8	
MCA			25.2	
Maximum Circuit Breaker			30	
Input Power	Cooling	Rated	kW	3.65
		Min.-Max.		0.75-4.47
Heating	Rated	3.67		
	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	80 or less	
		Heating	°F (°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).

