

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
- Heating operation rated down to -5°F outdoor temperature.
- 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/kW	3.75
	Btu/hW	12.8

OUTDOOR TEMPERATURE OPERATION RANGE

Cooling	°F(°C)	-5 to 115 (-20 to -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- 3/16 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

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

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

UTY-RNRUZ4	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

Effective Date: 8/19/2020

Version 42RGLXD -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 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)
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	

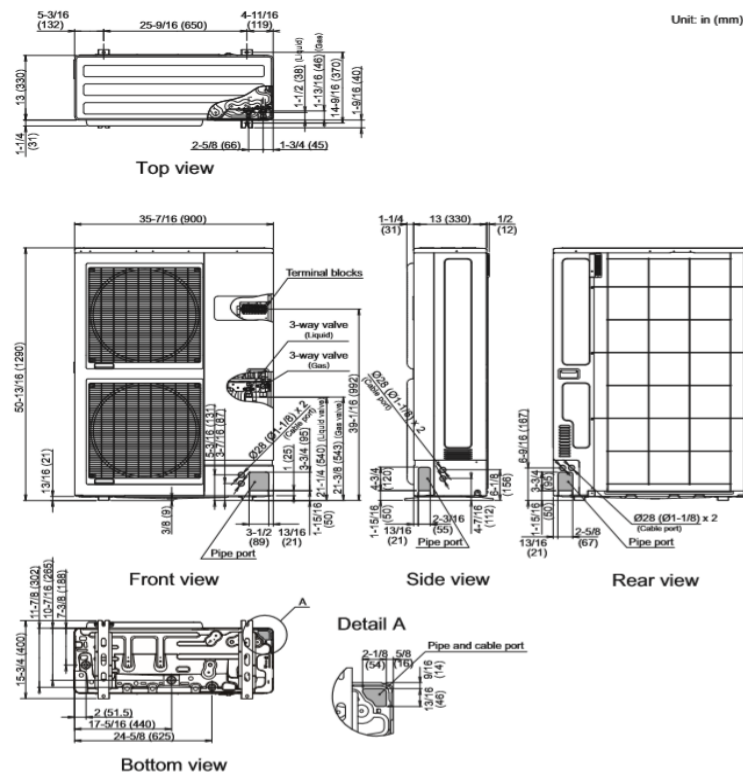
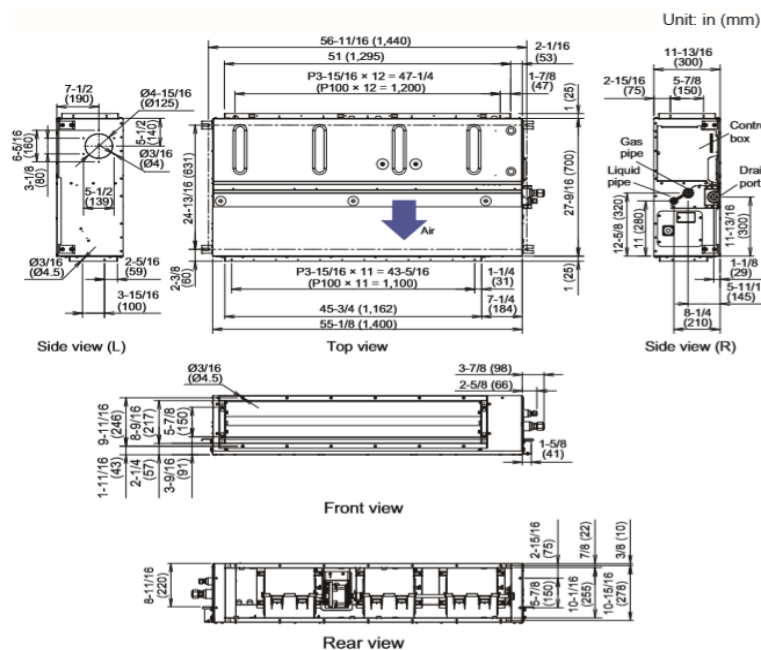
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Note: Specifications are based on the following conditions:
 Cooling: Indoor temperature of 80°F (26.7°C) DB/67°F (19.4°C) WB, and outdoor temperature of 95°F (35°C) DB/75°F (23.9°C) WB.
 Heating: Indoor temperature of 70°F (21.1°C) DB/60°F (15.6°C) 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).

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DIMENSIONS



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