

**Inverter Driven Heat Pump**

**18,000 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	ARU18RGLX
Outdoor Unit	AOU18RGLX
System	18RGLXD

**EFFICIENCIES**

SEER	19.0	
EER	13.0	
HSPF	10.9	
COP	4.10	
	Btu/hW	14.0

**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	18,000
	Min.-Max.		5,400-21,500
Heating	Rated		21,000
	Min.-Max.		5,400-25,600

**LINESET REQUIREMENTS**

Connection Method	Flare	
Liquid	in (mm)	Ø 1/4 (6.35)
Gas		Ø 1/2 (12.70)
Pre-Charge Length	ft (m)	65 (20)
Minimum Length		16 (5)
Maximum Length		164 (50)
Max. Height Diff.		98 (30)

**INDOOR DIMENSIONS & WEIGHT**

Net (H x W x D)	in	11-13/16 x 39-3/8 x 27-9/16
	mm	(300 x 1,000 x 700)
Gross (H x W x D)	in	15-3/4 x 48-3/4 x 34-7/16
	mm	(400 x 1,238 x 875)
Net Weight	lb (kg)	93 (42)
Gross Weight		110 (50)

**OUTDOOR DIMENSIONS & WEIGHT**

Net (H x W x D)	in	32-11/16 x 35-7/16 x 13
	mm	830 x 900 x 330
Gross (H x W x D)	in	39-3/8 x 41-5/16 x 17-1/2
	mm	1,000 x 1,050 x 445
Net Weight	lb (kg)	134 (61)
Gross Weight		152 (69)



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

**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-RNRUZZ	Wired Remote Control (Touch Screen)
UTY-RVNUM	Wired Remote Control
UTY-RSRY	Simple Remote Control
UTY-LBTUM	IR Receiver Kit
UTY-TTRX	Third Party Thermostat Adapter
UTY-TFSXZZ	WiFi Module
UTY-XSZX	Remote Sensor

Effective Date: 1/21/2020

Version 18RGLXD -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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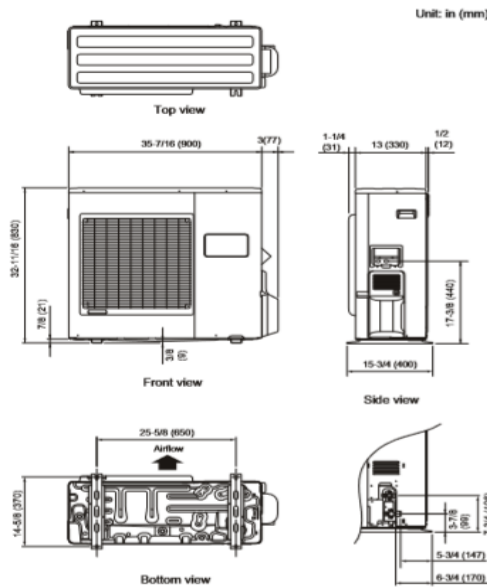
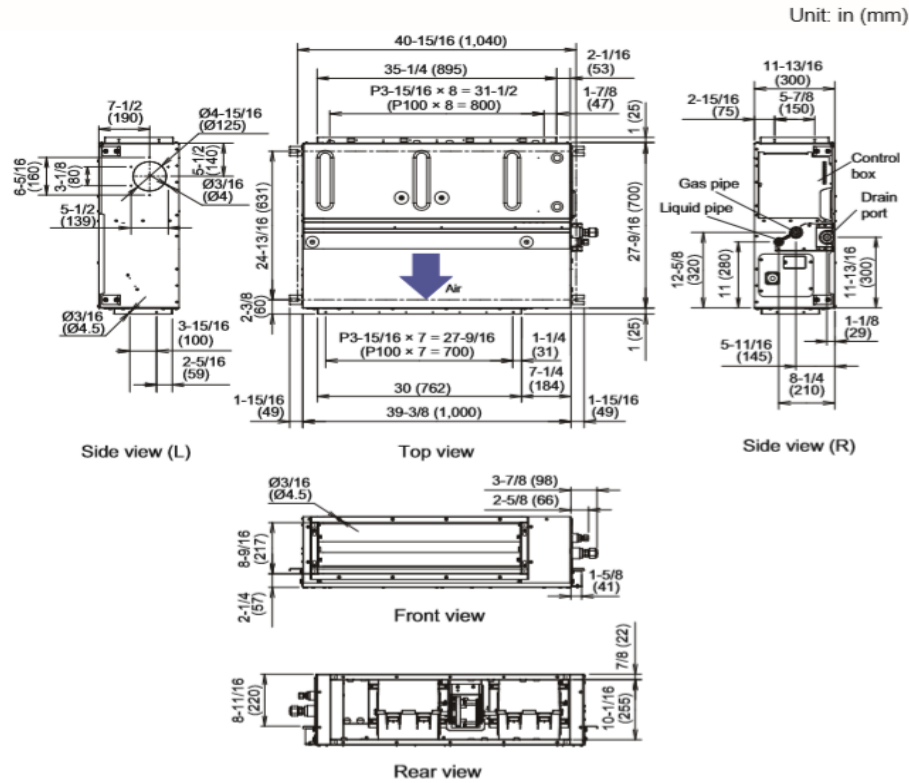
FAN DATA			
Indoor Unit Airflow Rate	Cooling	High	618 (1050)
		Medium	565 (960)
		Low	530 (900)
		Quiet	459 (780)
	Heating	High	618 (1050)
		Medium	565 (960)
		Low	530 (900)
		Quiet	459 (780)
Outdoor Unit Airflow Rate	Cooling	1,177 (2,000)	
	Heating	1,489 (2,530)	
SOUND PRESSURE			
Indoor Unit	Cooling	High	31
		Medium	28
		Low	25
		Quiet	24
	Heating	High	31
		Medium	28
		Low	25
		Quiet	24
Outdoor Unit	Cooling	47	
	Heating	50	
REFRIGERANT			
Type	R410A		
Charge	lb oz	4 lb 10.1oz	
	g	2,100	
Oil Type	POE (RB68)		

ELECTRICAL SPECIFICATIONS			
Voltage/Frequency/Phase			208-230V/60Hz/1
Voltage Range			187-253 V
Current	Cooling	Rated	A
	Heating	Rated	
Maximum Operating Current		Cooling	
		Heating	
Starting Current			6.6
MCA			18.3
Maximum Circuit Breaker			20
Input Power	Cooling	Rated	kW
		Min.-Max.	
Heating	Rated		
	Min.-Max.		
Power Factor	Cooling		%
	Heating		
OTHER			
Moisture Removal		pints/h (L/h)	3.8 (1.8)
Energy Star			YES
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 - 0.80
		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).

DIMENSIONS



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