

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
- Energy Efficient up to 21.3 SEER
- 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 (kW)	4.1

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

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-TFSXZ2	WiFi Module
UTY-XSZX	Remote Sensor



This system combination is Energy Star qualified



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	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)		

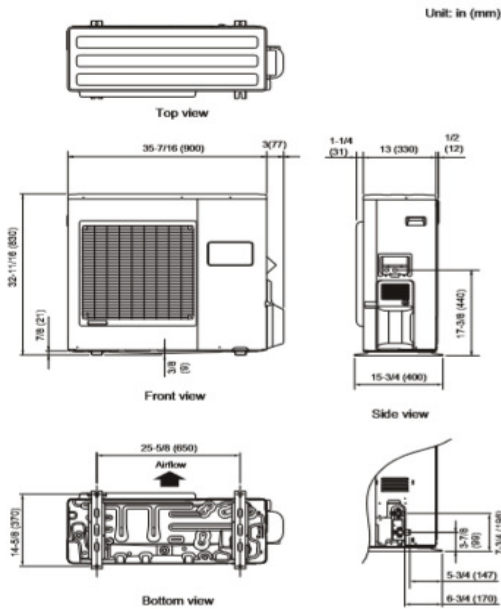
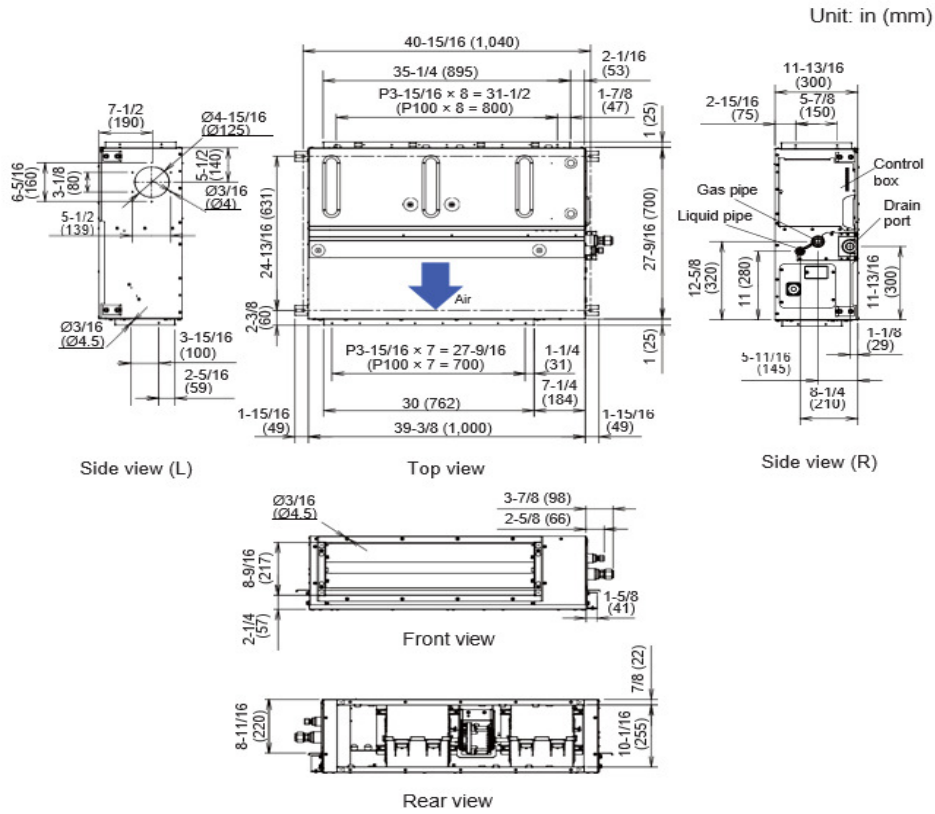
ELECTRICAL SPECIFICATIONS			
Voltage/Frequency/Phase			208-230V/60Hz/1
Voltage Range			187-253 V
Current	Cooling	Rated	6.1
	Heating	Rated	6.6
Maximum Operating Current	Cooling		13.6
	Heating		14.1
Starting Current			6.6
MCA			18.3
Maximum Circuit Breaker			20
Input Power	Cooling	Rated	1.38
		Min.-Max.	0.53-2.08
Power Factor	Cooling	Rated	1.5
		Min.-Max.	0.51-2.19
Input Power	Heating	Rated	1.5
		Min.-Max.	0.51-2.19
Power Factor	Heating	%	
		98.4	
Power Factor	Heating	%	
		98.8	
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) [O.D.] (VP25)
	Operation Range	Cooling	°F (°C) 64 to 90 (18 to 32)
%RH		80 or less	
Operation Range	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).

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DIMENSIONS



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