

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	kW/kW 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-RNRUZ2	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

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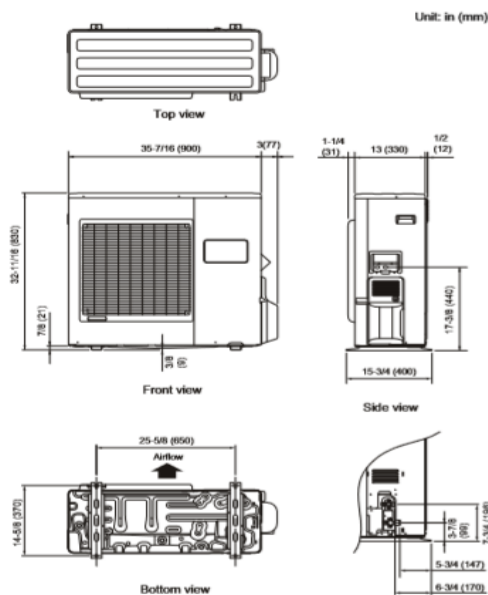
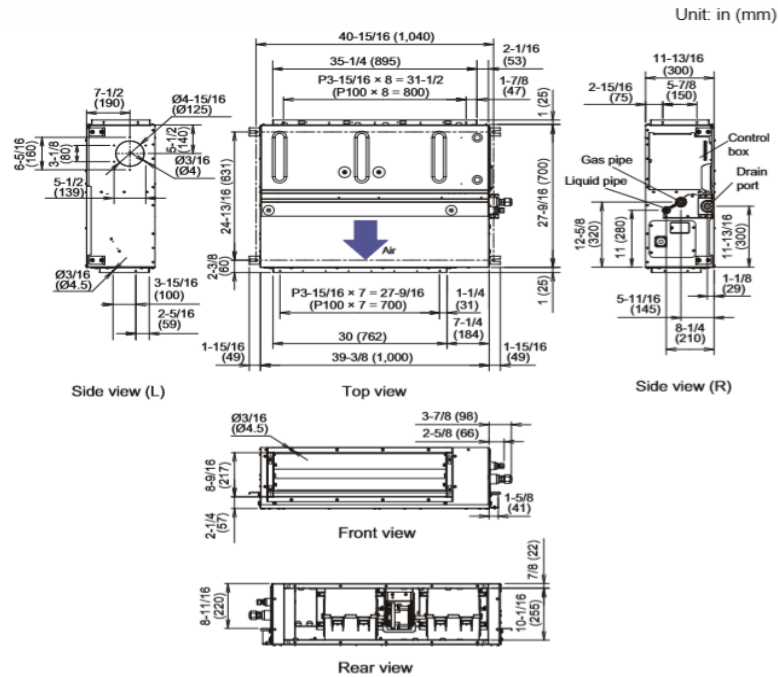
FAN DATA				
Indoor Unit Airflow Rate	Cooling	High	CFM (m3/h)	618 (1050)
		Medium		565 (960)
		Low		530 (900)
		Quiet		459 (780)
	Heating	High		618 (1050)
		Medium		565 (960)
		Low		530 (900)
		Quiet		459 (780)
Outdoor Unit Airflow Rate	Cooling			1,177 (2,000)
	Heating			1,489 (2,530)
SOUND PRESSURE				
Indoor Unit	Cooling	High	dB (A)	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	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	kW	1.38	
		Min.–Max.		0.53–2.08	
	Heating	Rated		1.5	
		Min.–Max.		0.51–2.19	
Power Factor	Cooling		%	98.4	
	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)			
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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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 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).