

**Inverter Driven Heat Pump** **24,000 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	ARU24RGLX
Outdoor Unit	AOU24RGLX
System	24RGLXD

**EFFICIENCIES**

SEER	17.5	
EER	12.6	
HSPF	10.8	
COP	kW/kW	3.84
	Btu/hW	13.1

**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	24,000
	Min.-Max.		5,400-29,000
Heating	Rated		27,000
	Min.-Max.		5,400-32,400

**LINESET REQUIREMENTS**

Connection Method		Flare
Liquid	in (mm)	Ø 3/8 (9.52)
		Ø 5/8 (15.88)
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 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



This system combination is Energy Star qualified



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

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**FAN DATA**

Indoor Unit Airflow Rate	Cooling	High	CFM (m3/h)	800 (1360)
		Medium		636 (1080)
		Low		518 (880)
		Quiet		400 (680)
	Heating	High		800 (1360)
		Medium		636 (1080)
		Low		518 (880)
		Quiet		400 (680)
Outdoor Unit Airflow Rate	Cooling		2,119 (3,600)	
	Heating		2,119 (3,600)	

**SOUND PRESSURE**

Indoor Unit	Cooling	High	dB (A)	34
		Medium		29
		Low		26
		Quiet		24
	Heating	High		34
		Medium		29
		Low		26
		Quiet		24
Outdoor Unit	Cooling		53	
	Heating		55	

**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	8.3
	Heating	Rated		9.0
Maximum Operating Current		Cooling		15.6
		Heating		16.1
Starting Current				9.6
MCA				20.8
Maximum Circuit Breaker				30
Input Power	Cooling	Rated	kW	1.9
		Min.-Max.		0.63-2.82
Heating	Rated	2.06		
	Min.-Max.	0.54-2.96		
Power Factor	Cooling		%	99.5
	Heating			99.5

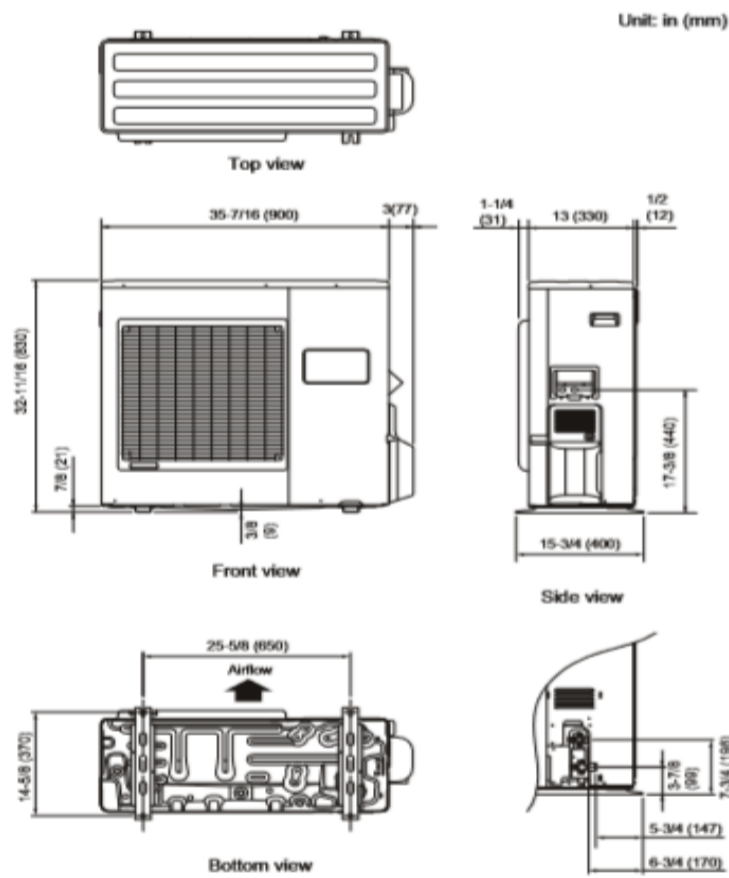
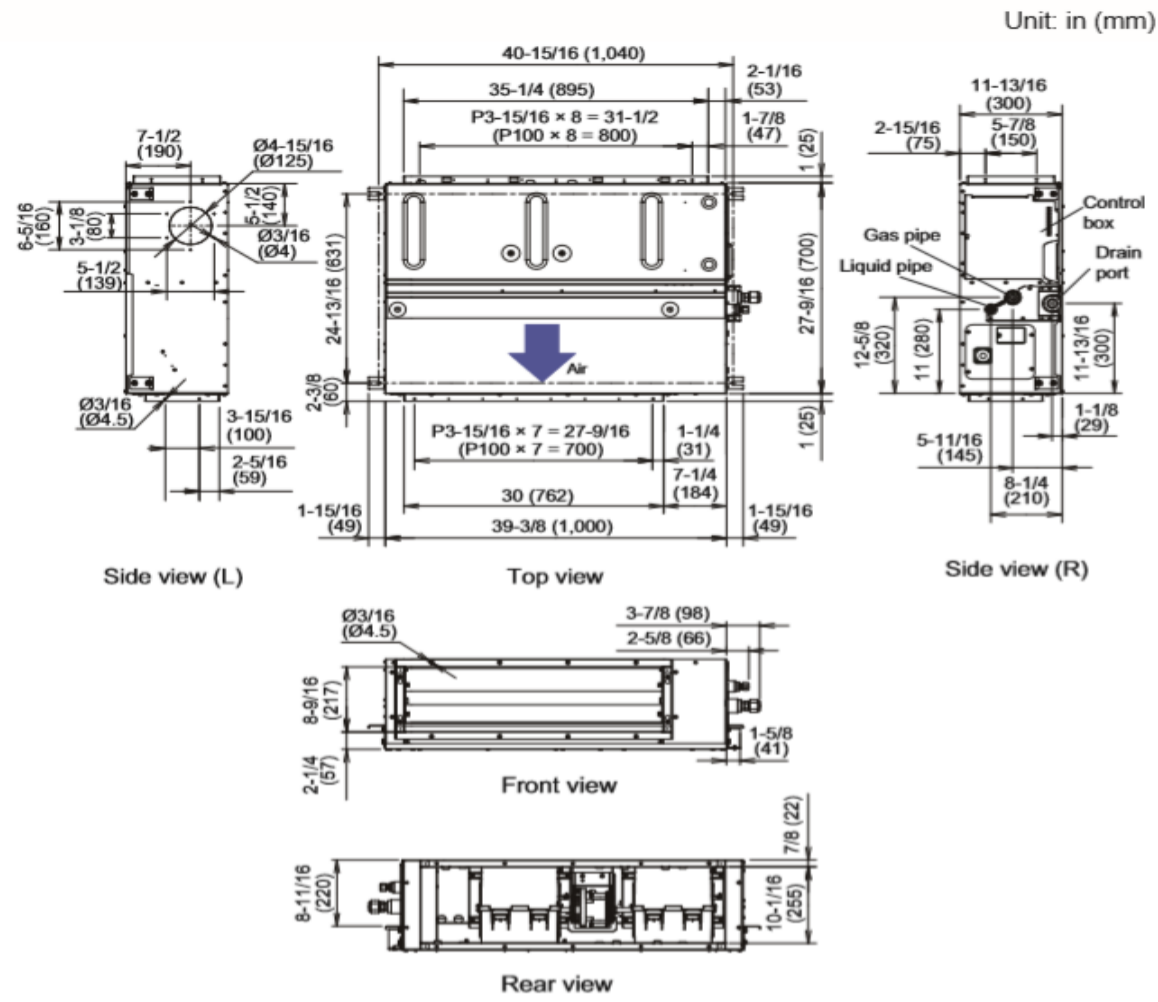
**OTHER**

Moisture Removal	pints/h (L/h)	4.0 (1.9)	
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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