

Inverter Driven Heat Pump **12,000 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	ARU12RGLX
Outdoor Unit	AOU12RLFC
System	12RGLXD

EFFICIENCIES

SEER	21.3	
EER	13.4	
HSPF	11.7	
COP	kW/kW	3.90
	Btu/hW	13.3

OUTDOOR TEMPERATURE OPERATION RANGE

Cooling	°F(°C)	-5 to 115 (-20 to -46)
Heating		-5 to 75 (-21 to 24)

CAPACITIES

Cooling	Rated	BTU/hW	12,000
	Min.-Max.		(3,100 - 13,600)
Heating	Rated		16,000
	Min.-Max.		(3,100 - 19,400)

LINESET REQUIREMENTS

Connection Method	Flare	
Liquid	in (mm)	Ø1/4(Ø6.35)
Gas		Ø3/8(Ø9.52)
Pre-Charge Length		49 (15)
Minimum Length	ft (m)	10 (3)
Maximum Length		66 (20)
Max. Height Diff.		49 (15)

INDOOR DIMENSIONS & WEIGHT

Net (H x W x D)	in	11-13/16 x 27-9/16 x 27-9/16
	mm	(420 x 458 x 39.9)
Gross (H x W x D)	in	15-3/4 x 36-15/16 x 34-7/16
	mm	(400 x 938 x 875)
Net Weight	lb (kg)	66 (30)
Gross Weight		82 (37)

OUTDOOR DIMENSIONS & WEIGHT

Net (H x W x D)	in	24 - 1/2 x 31 - 3/32 x 11 - 11/32
	mm	620 x 790 x 290
Gross (H x W x D)	in	28 - 1/16 x 37-7/32 x 15 - 9/16
	mm	713 x 945 x 395
Net Weight	lb (kg)	84 (38)
Gross Weight		93 (42)

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 (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

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FAN DATA

Indoor Unit Airflow Rate	Cooling	High	CFM (m3/h)	500 (850)
		Medium		400 (680)
		Low		347 (590)
		Quiet		300 (510)
	Heating	High		500 (850)
		Medium		400 (680)
		Low		347 (590)
		Quiet		300 (510)
Outdoor Unit Airflow Rate	Cooling		794 (1350)	
	Heating		989 (1680)	

SOUND PRESSURE

Indoor Unit	Cooling	High	dB (A)	35
		Medium		30
		Low		27
		Quiet		24
	Heating	High		35
		Medium		30
		Low		27
		Quiet		24
Outdoor Unit	Cooling		44	
	Heating		49	

REFRIGERANT

Type	R410A		
Charge	lb oz	2lbs.10oz.	
	g	1	
Oil Type	FREOL α68SZ		

ELECTRICAL SPECIFICATIONS

Voltage/Frequency/Phase				208-230V/60Hz/1
Voltage Range				187-253 V
Current	Cooling	Rated	A	3.9
	Heating	Rated		5.3
Maximum Operating Current		Cooling		9.4
		Heating		10.9
Starting Current				4.1
MCA				13.4
Maximum Circuit Breaker				15
Input Power	Cooling	Rated	kW	0.89
		Min.-Max.		0.12-1.45
	Heating	Rated		1.2
		Min.-Max.		0.14-1.84
Power Factor	Cooling		%	99.2
	Heating			98.4

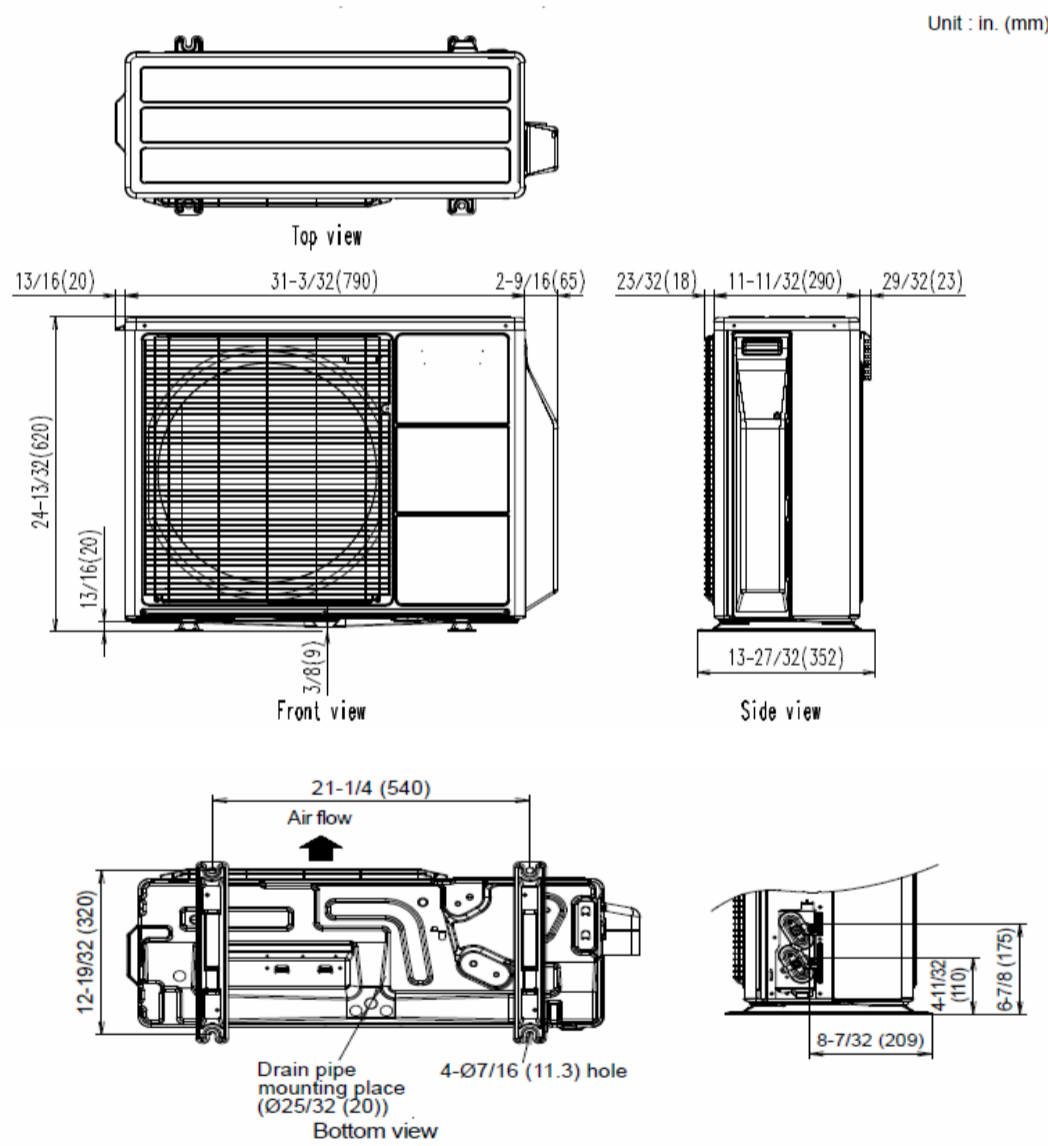
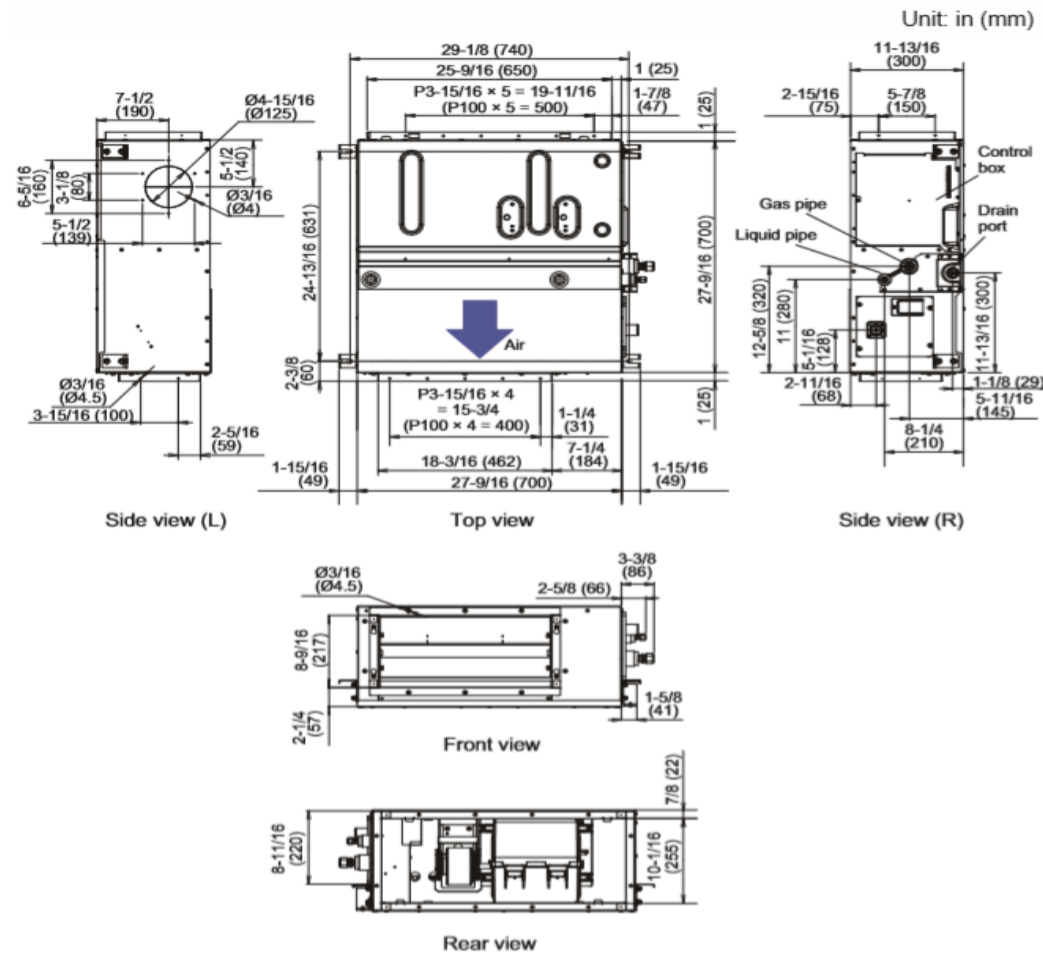
OTHER

Moisture Removal	pints/h (L/h)	1.5 (0.7)	
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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