

## Inverter Driven Heat Pump

48,000 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	ARU48RGLX
Outdoor Unit	AOU48RGLX
System	48RGLXD

### EFFICIENCIES

SEER	16.6
EER	10.1
HSPF	10.3
COP (kW)	3.49

### 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	48,000
	Min.-Max.		17,100-50,000
Heating	Rated		53,000
	Min.-Max.		18,000-55,000

### LINESET REQUIREMENTS

Connection Method	Flare		
Liquid	in (mm)		Ø 3/8 (9.52)
Gas			Ø 5/8 (15.88)
Pre-Charge Length	ft (m)		98 (30)
Minimum Length			16 (5)
Maximum Length			246 (75)
Max. Height Diff.			98 (30)

### INDOOR DIMENSIONS & WEIGHT

Net (H x W x D)	in	11-13/16 x 55-1/8 x 27-9/16
	mm	(300 x 1,400 x 700)
Gross (H x W x D)	in	15-3/4 x 64-1/2 x 34-7/16
	mm	(400 x 1,638 x 875)
Net Weight	lb (kg)	121 (55)
Gross Weight		141 (64)

### OUTDOOR DIMENSIONS & WEIGHT

Net (H x W x D)	in	50-13/16 x 35-7/16 x 13
	mm	1,290 x 900 x 330
Gross (H x W x D)	in	57-1/2 x 41-5/16 x 17-1/2
	mm	1,460 x 1,050 x 445
Net Weight	lb (kg)	209 (95)
Gross Weight		231 (105)



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
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

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FAN DATA					ELECTRICAL SPECIFICATIONS						
Indoor Unit Airflow Rate	Cooling	High	CFM (m3/h)	1501 (2550)	Voltage/Frequency/Phase				208-230V/60Hz/1		
		Medium		1201 (2040)	Voltage Range				187–253 V		
		Low		971 (1650)	Current	Cooling	Rated	A	20.9		
		Quiet		842 (1430)		Heating	Rated		19.5		
	Heating	High		1501 (2550)	Maximum Operating Current		Cooling		22.2		
		Medium		1201 (2040)			Heating		20.5		
		Low		971 (1650)	Starting Current		20.9				
		Quiet		842 (1430)	MCA				28.3		
Outdoor Unit Airflow Rate	Cooling		4,061 (6,900)	Maximum Circuit Breaker					30		
Heating		4,091 (6,950)									
SOUND PRESSURE											
Indoor Unit	Cooling	High	dB (A)	40	Input Power	Cooling	Rated	kW	4.75		
		Medium		35			Min.–Max.		0.75–5.01		
		Low		33		Heating	Rated		4.45		
		Quiet		29			Min.–Max.		0.67–4.77		
	Heating	High		40	Power Factor	Cooling		%	98.8		
		Medium		35		Heating			99.2		
		Low		33							
		Quiet		29							
Outdoor Unit	Cooling		57								
Heating		59									
REFRIGERANT											
Type				R410A							
Charge	lb oz	7 lb 10.1oz									
	g	3,450									
Oil Type				POE (RB68)							

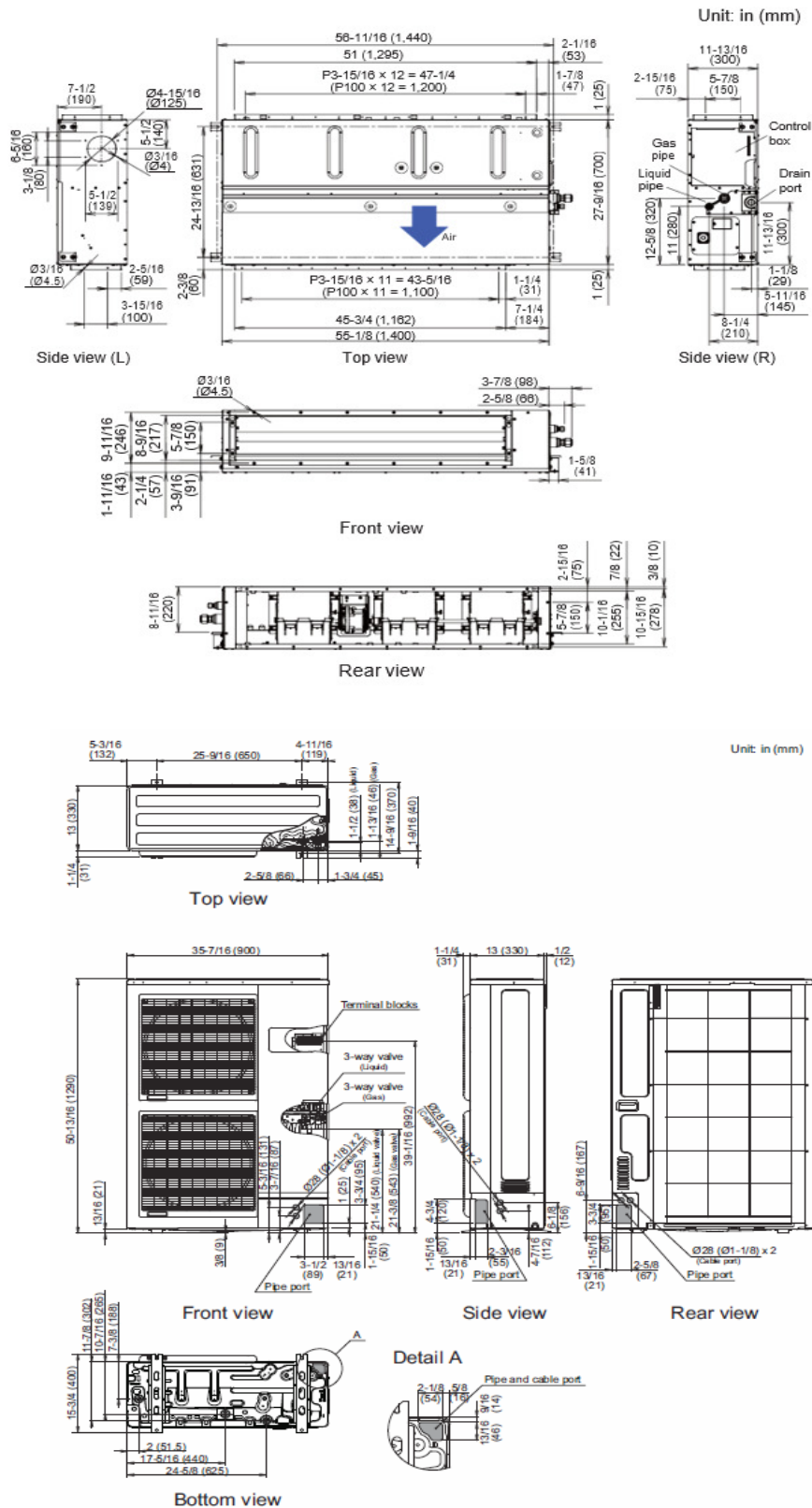
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Note: Specifications are based on the following conditions:  
Cooling: Indoor temperature of 80°F (26.7°C) DB/67°F (19.4°C) WB, and outdoor temperature of 95°F (35°C) DB/75°F (23.9°C) WB. Heating: Indoor temperature of 70°F (21.1°C) DB/60°F (15.6°C) 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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