

## Inverter Driven Heat Pump

## 12,000 BTU Single Zone High SEER Wall Mounted System

Job Name \_\_\_\_\_  
 Location \_\_\_\_\_  
 Engineer \_\_\_\_\_  
 Submitted To \_\_\_\_\_  
 Submitted By \_\_\_\_\_  
 Reference \_\_\_\_\_

Date \_\_\_\_\_  
 Approval \_\_\_\_\_  
 Construction \_\_\_\_\_  
 Unit No \_\_\_\_\_  
 Drawing No \_\_\_\_\_

### PRODUCT FEATURES

Auto Changeover  
 Weekly & 24 hr. Timer  
 Auto Louver: 4 way  
 Minimum Heat Mode  
 Built in WiFi  
 Auto Restart  
 Base Pan Heater  
 Energy Saving Program(ESP)  
 Wireless Remote control  
 Outdoor Unit Low Noise Schedule



### MODEL NUMBERS

Indoor Unit	ASU12RLS3Y
Outdoor Unit	AOU12RLS3H
System	12RLS3YH

### EFFICIENCIES

SEER	29.3
EER	15.2
HSPF	14
COP	15.8

### OUTDOOR TEMPERATURE OPERATION RANGE

Cooling	*F(*C)	14 to 115 (-10 to 46)
Heating		-15 to 75 (-26 to 24)

### CAPACITIES

Cooling	Rated	BTU/hw	12,000
	Min.-Max.		3100 - 13600
Heating	Rated		16,000
	Min.-Max.		3100 - 22100

### LINESET REQUIREMENTS

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

### INDOOR DIMENSIONS & WEIGHT

Net (H x W x D)	in	11 - 5/8 x 37 x 10 - 5/8
	mm	295 x 940 x 270
Gross (H x W x D)	in	14 - 3/8 x 40 - 15/16 x 14
	mm	365 x 1040 x 355
Net Weight	lb (kg)	31 (14.0)
Gross Weight		37 (17.0)

### OUTDOOR DIMENSIONS & WEIGHT

Net (H x W x D)	in	24-1/2 x 31-1/8 x 11-7/16
	mm	620 x 790 x 290
Gross (H x W x D)	in	28 - 1/16 x 37-3/16 x 15 - 9/16
	mm	713 x 945 x 395
Net Weight	lb (kg)	86
Gross Weight		95



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 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-TTRX	3rd Party Thermostat Converter
UTY-TWBXF1	Interface Kit
UTY-RNNUM	Wired Remote
UTY-RVNUM	Wired Remote w/backlight
UTY-RSNUM	Simple Remote
UTY-XWZXZ5	Dry Contact Wire Kit



This system combination is Energy Star qualified



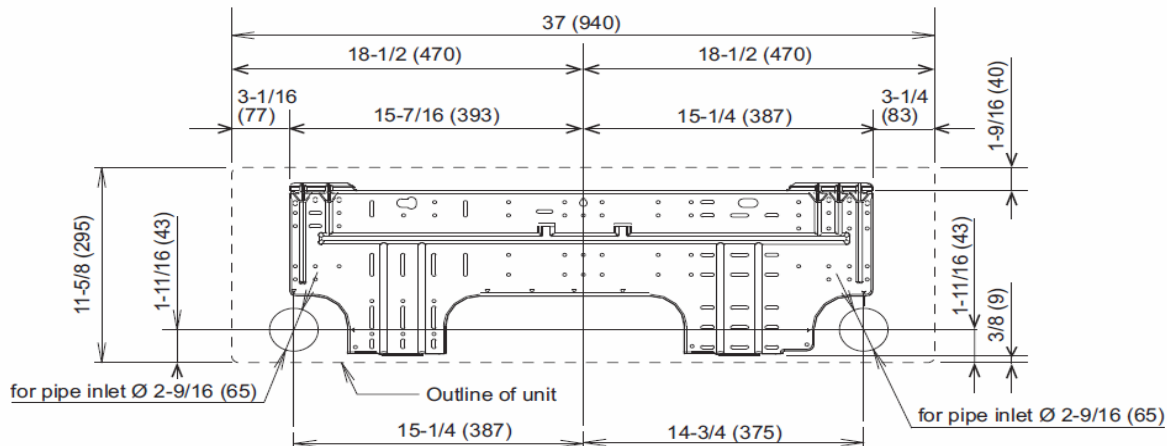
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FAN DATA					ELECTRICAL SPECIFICATIONS					
Indoor Unit Airflow Rate	Cooling	High	CFM (m3/h)	489(830)	Voltage/Frequency/Phase			208/230V~60HZ		
		Medium		400(680)	Voltage Range			187-253V~60HZ		
		Low		341(580)	Current	Cooling	Rated	A	3.8	
		Quiet		224(380)		Heating	Rated		4.7	
	Heating	High		489(830)	Maximum Operating Current		Cooling		9.4	
		Medium		400(680)			Heating		10.9	
		Low		341(580)	Starting Current				4.7	
		Quiet		224(380)	MCA				14.4	
Outdoor Unit Airflow Rate		Cooling			Maximum Circuit Breaker				15	
Heating										
SOUND PRESSURE										
Indoor Unit	Cooling	High	dB (A)	42	Input Power	Cooling	Rated	kW	0.79	
		Medium				Min.–Max.	0.99			
		Low				Rated	1.01			
		Quiet				Min.–Max.	1.94			
	Heating	High		41	Power Factor	Cooling		%	90	
		Medium		35		Heating			93	
		Low		31	OTHER					
		Quiet		23	Moisture Removal		pints/h (L/h)		1.3(2.7)	
		Outdoor Unit		Cooling				Yes		
		Heating						PP+LLDP		
REFRIGERANT										
Type				R410A	Operation Range	Cooling	°F (°C)	64 to 90 (18 to 32)		
Charge	lb oz		2lb 14oz			%RH	80 or less			
	kg		1,300			Heating	°F (°C)	60 to 88 (16 to 30)		
Oil Type				POE (RB68)						

### Wall Bracket Data:



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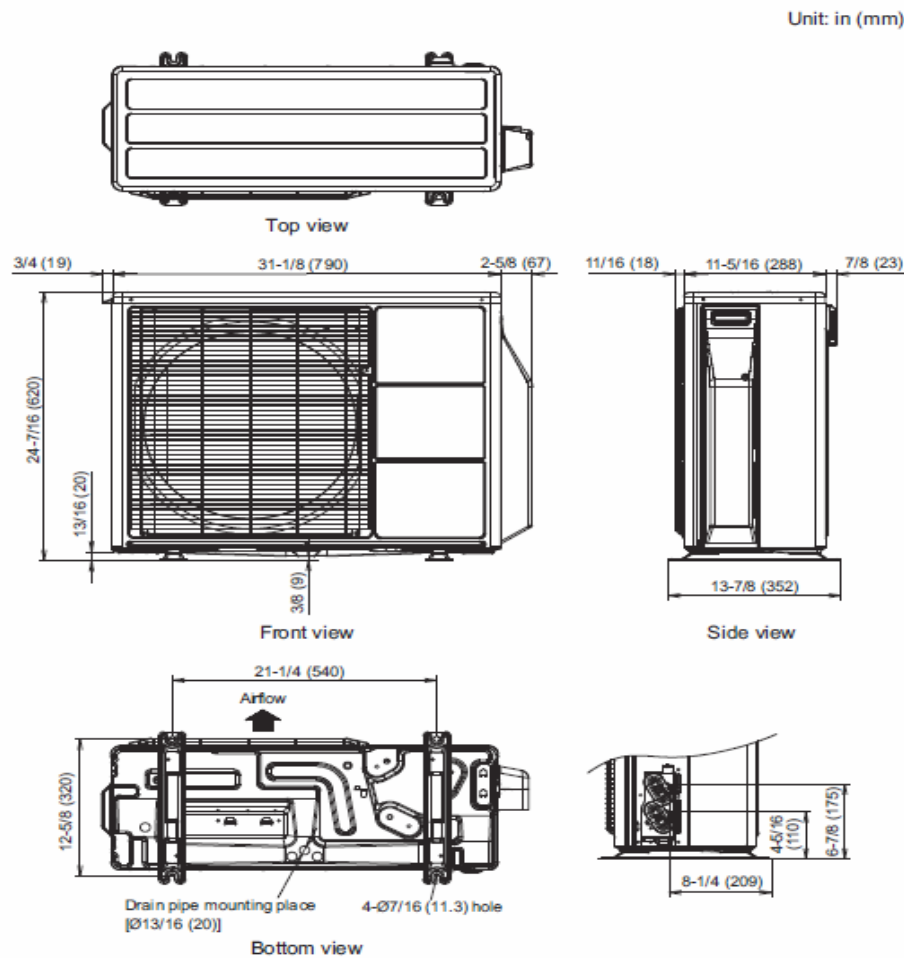
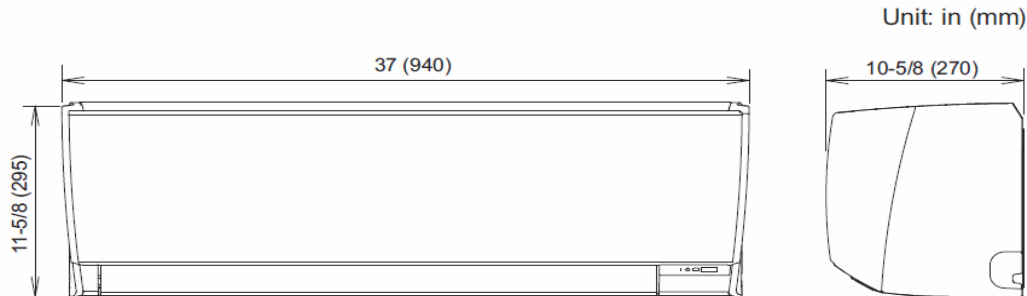
Note: Specifications are based on the following conditions:  
Cooling: Indoor temperature of 80°F (26.7°C) DB/67°F (19.4°C) WB, and outdoor temperature of 95°F (35°C) DB/75°F (23.9°C) WB. Heating: Indoor temperature of 70°F (21.1°C) DB/60°F (15.6°C) WB, and outdoor temperature of 47°F (8.3°C) DB/43°F (6.1°C) WB. Pipe length: 25ft. (7.5m), Height difference: 0ft. (0m) (Outdoor unit - indoor unit).

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DIMENSIONS

Units: In. (mm)



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