

## Inverter Driven Heat Pump

## 12,000 BTU Single Zone Floor Mount System

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

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

### PRODUCT FEATURES

Auto Changeover  
 24 hr. Timer  
 Auto Louver  
 Minimum Heat Mode  
 Auto Restart  
 Wireless Remote Controller Included  
 Powerful Mode  
 Floor Level Heating



MODEL NUMBERS			
Indoor Unit		AGU12RLF	
Outdoor Unit		AOU12RLFFH	
System		12RLFFH	
EFFICIENCIES			
SEER		22.7	
SEER 2		22.7	
EER		13.1	
EER 2		13.1	
HSPF		11.3	
HSPF 2 (IV) / HSPF 2 (V)		11/8.6	
COP	kW/kW		3.24
COP	Btu/h		11.1
COP2	kW/kW		3.24
COP2	Btu/h		11.1
OUTDOOR TEMPERATURE OPERATION RANGE			
Cooling	*F(°C)	14 to 115 (-10 to 46)	
Heating*		*-15 to 75 (-26 to 24)	
CAPACITIES			
Cooling	Rated	Btu/h	12000
	Min.—Max.		3,100—14,300
Heating	Rated		16000
	Min.—Max.		3,100—19,500
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)	
Max. length		66 (20)	
Max. height difference		49 (15)	
INDOOR DIMENSIONS & WEIGHT			
Net (H × W × D)	in (mm)	23-5/8 × 29-1/8 × 7-7/8 (600 × 740 × 200)	
Gross (H × W × D)		27-9/16 × 32-5/16 × 12-3/16 (700 × 820 × 310)	
Net Weight	lb (kg)	31 (14)	
Gross Weight		37 (17)	
OUTDOOR DIMENSIONS & WEIGHT			
Net (H × W × D)	in (mm)	24-7/16 × 31-1/8 × 11-7/16 (620 × 790 × 290)	
Gross (H × W × D)		28-1/16 × 37-3/16 × 15-9/16 (713 × 945 × 395)	
Net Weight	lb (kg)	86 (39)	
Gross Weight		95 (43)	

\* System continues to operate below rated outdoor operation temperature range, subject to varying conditions. System has no low temperature cut out. Capacity is not tested outside of the rated temperature range.

### 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-RVNUM	Wired remote controller
UTY-RNNUM	Wired remote controller
UTY-RSNUM	Simple remote controller
UTY-XWZXZ5	External Connect Kit
FJ-IR-WIFI-1NA	Intesis IR WiFi module
FJ-RC-WIFI-1BT	Intesis Wired WiFi module



This system combination is Energy Star qualified



+App available in Apple® App Store and Google® Play Store.

Due to continuous product improvements, specifications are subject to change without notice. Please log in to the Fujitsu Portal for the most up-to-date documentation <https://connect.fujitsugeneral.com>

Effective Date: 05/07/2024

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### FAN DATA

Indoor Unit Airflow rate	Cooling	HIGH	CFM (m3/h)	336 (570)
		MED		271 (460)
		LOW		212 (360)
		QUIET		159 (270)
	Heating	HIGH		353 (600)
		MED		283 (480)
		LOW		218 (370)
		QUIET		159 (270)
Outdoor Unit Airflow rate	Cooling			1,457 (2,475)
	Heating			1,207 (2,050)

### SOUND PRESSURE

Indoor Unit	Cooling	HIGH	dB (A)	40
		MED		35
		LOW		29
		QUIET		23
	Heating	HIGH		40
		MED		35
		LOW		29
		QUIET		23
Outdoor Unit	Cooling			53
	Heating			52

### REFRIGERANT

REFRIGERANT			
Type	R410A		
Charge	lb oz	2 lb 10 oz	
	g	1200	
Oil Type	FREOL α68SZ		

### ELECTRICAL SPECIFICATIONS

Voltage/Frequency/Phase		208/230 V~ 60 Hz		
Available Voltage Range		187–253 V		
Current	Cooling	Rated	A	4.2
	Heating	Rated		6.7
Maximum Operating Current	Cooling			10.3
	Heating			11.8
Starting current				6.7
MCA				11.8
Maximum Circuit Breaker				15
Input Power	Cooling	Rated	kW	0.91
		Min.–Max.		0.20–2.05
	Heating	Rated		1.44
		Min.–Max.		0.20–2.62
Power Factor	Cooling		%	94.2
	Heating			93.4

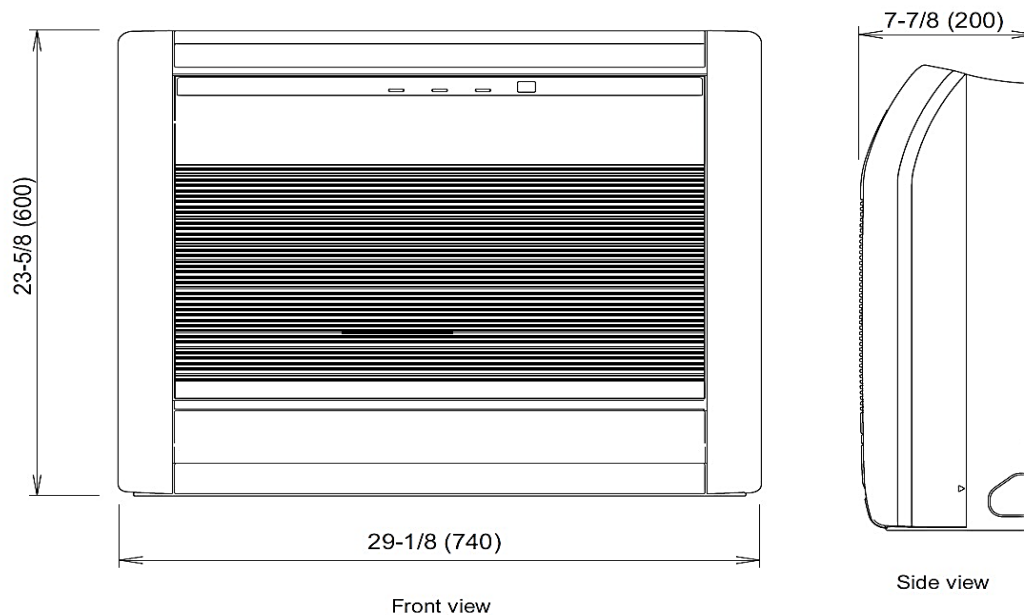
### OTHER

Moisture Removal		pints/h (L/h)	3.8 (1.8)
Energy Star			Yes
Drain hose	Material		PP + LLDPE
	Tip diameter	in (mm)	Ø 9/16 (Ø 13.8) (I.D.), Ø 5/8 to Ø 11/16 (Ø 15.8 to Ø 16.7) (O.D.)
Operation Range	Cooling	°F (°C)	64 to 90 (18 to 32)
	Heating	%RH	80 or less
		°F (°C)	60 to 88 (16 to 30)

### DIMENSIONS:

Units: In. (mm)

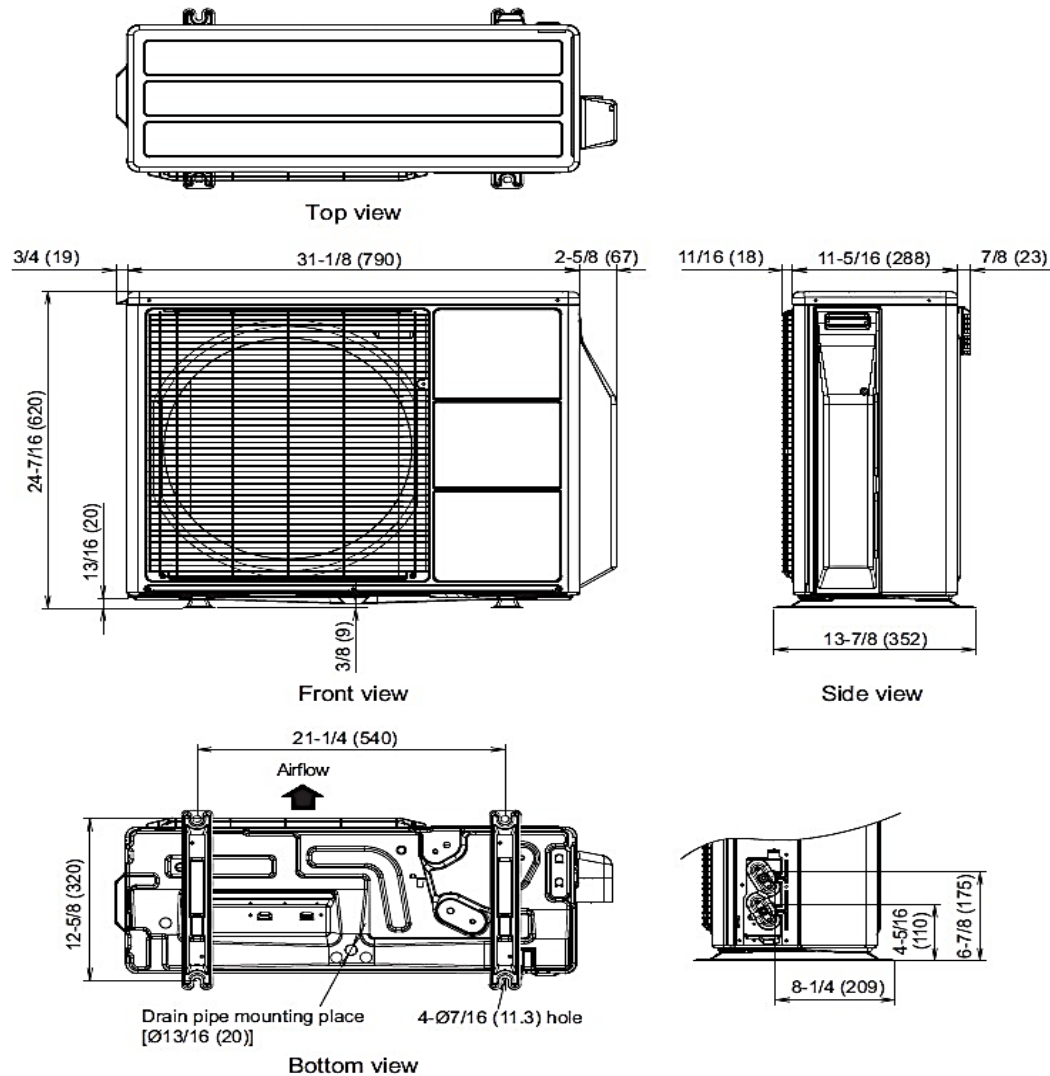
Indoor Unit:



# DIMENSIONS

Units: In. (mm)

## Outdoor Unit



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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).