

Inverter Driven Heat Pump

12,000 BTU Single Zone Wall Mounted System

Job Name _____
 Location _____
 Engineer _____
 Submitted To _____
 Submitted By _____
 Reference _____

Date _____
 Approval _____
 Construction _____
 Unit No _____
 Drawing No _____

PRODUCT FEATURES

Auto Changeover
 24 hr. Timer
 Automatic airflow adjustment
 Auto/Cool/Dry/Fan/Heat modes
 Powerful Mode
 Cold Prevention
 Wireless Remote Controller Included



MODEL NUMBERS	
Indoor Unit	ASU12RL2
Outdoor Unit	AOU12RL2
System	12RL2

EFFICIENCIES	
SEER	16
SEER 2	16
EER	10
EER 2	10
HSPF	9
HSPF 2 (IV) / HSPF 2 (V)	9/7.1
COP	kW/kW 3.38
COP	Btu/hW 11.6
COP2	kW/kW 3.38
COP2	Btu/hW 11.6

OUTDOOR TEMPERATURE OPERATION RANGE	
Cooling	*F(°C) 14 to 115 (-10 to 46)
Heating*	*14 to 75 (-10 to 24)

CAPACITIES	
Cooling	Rated 12000
	Min.-Max. 3,100-12,500
Heating	Rated 14000
	Min.-Max. 3,100-16,000

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 x W x D)	in (mm) 10-5/16 x 32-5/16 x 8-1/8 (262 x 820 x 206)
Gross (H x W x D)	10-3/8 x 34-1/4 x 12-15/16 (263 x 870 x 328)
Net Weight	lb (kg) 15 (7)
Gross Weight	20 (9)

OUTDOOR DIMENSIONS & WEIGHT	
Net (H x W x D)	in (mm) 21-1/4 x 26 x 11-11/32 (540 x 660 x 290)
Gross (H x W x D)	24-1/16 x 31-3/8 x 15-13/16 (611 x 797 x 401)
Net Weight	lb (kg) 68 (31)
Gross Weight	73 (33)

* 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

FJ-IR-WIFI-1NA	Intesis WiFi IR Module
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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)	424 (720)
		MED		353 (600)
		LOW		250 (425)
		QUIET		191 (325)
	Heating	HIGH		436 (740)
		MED		353 (600)
		LOW		265 (450)
		QUIET		191 (325)
Outdoor Unit Airflow rate	Cooling			1,077 (1,830)
	Heating			942 (1,600)

SOUND PRESSURE

Indoor Unit	Cooling	HIGH	dB (A)	43
		MED		38
		LOW		33
		QUIET		23
	Heating	HIGH		44
		MED		38
		LOW		33
		QUIET		23
Outdoor Unit	Cooling			51
	Heating			51

REFRIGERANT

Type		R410A
Charge	lb oz	1 lb 12 oz
	g	800
Oil Type		POE (VG74)

ELECTRICAL SPECIFICATIONS

Voltage/Frequency/Phase		115 V~ 60 Hz		
Available Voltage Range		103.5–126.5 V		
Current	Cooling	Rated	A	10.9
	Heating	Rated		11
Maximum Operating Current	Cooling			13
	Heating			15
Starting Current				11
MCA				15
Maximum Circuit Breaker				20
Input Power	Cooling	Rated	kW	1.2
		Min.–Max.		0.23–1.44
	Heating	Rated		1.21
		Min.–Max.		0.21–1.66
Power Factor	Cooling		%	96
	Heating			96

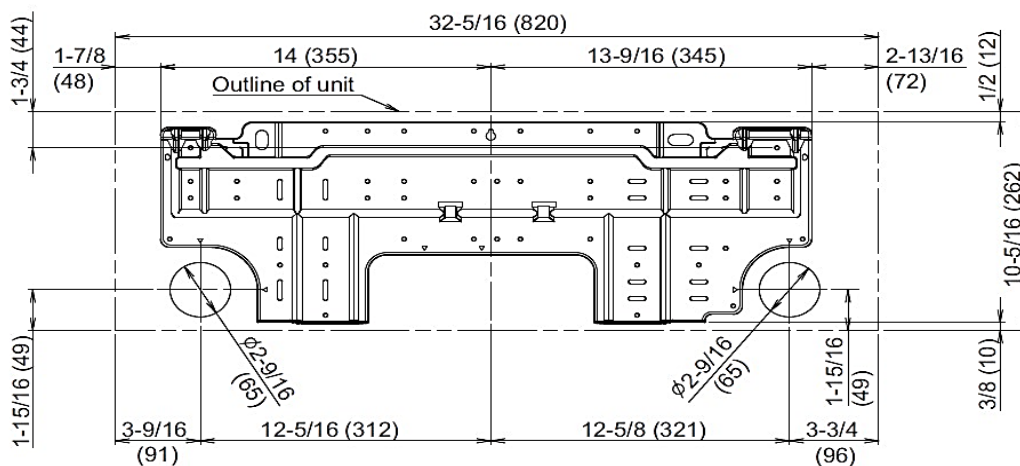
OTHER

Moisture Removal		pints/h (L/h)	3.8 (1.8)
Energy Star			No
Drain hose	Material		PP+HDPE
	Tip diameter	in (mm)	Ø17/32 (Ø13.8) (I.D.), Ø19/32 to 21/32 (Ø15 to 16.8) (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)

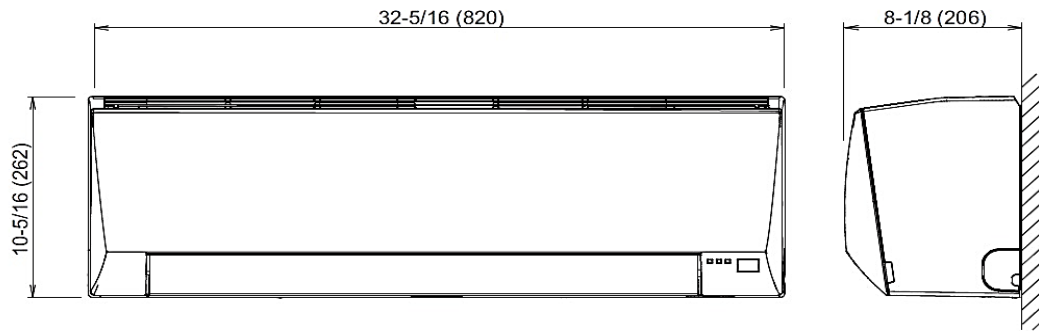
Wall Bracket Data:



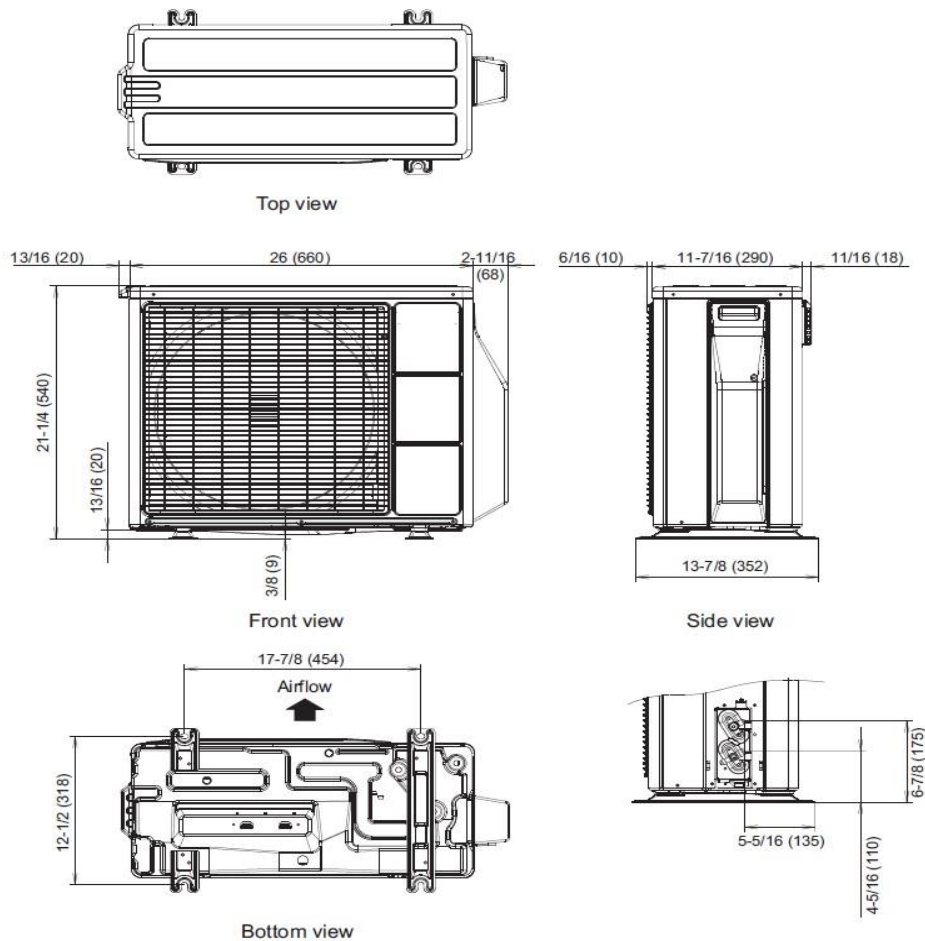
DIMENSIONS

Units: In. (mm)

Indoor Unit



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).