

SUBMITTAL 12RL2



Inverter Driven Heat Pump

12,000 BTU Single Zone Wall Mounted System

Job Name		
Location	Date	
Engineer	Approval	
Submitted To	Construction	
Submitted By	Unit No	
Reference	Drawing No	

PRODUCT FEATURES

- •Wireless remote controller
- Automatic airflow adjustment
- •Auto/Cool/Dry/Fan/Heat/modes
- •24 Hr. timer
- •Powerful mode
- Auto changeover
- •Cold prevention





	forma	



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



FJ-IR-WIFI-1NA Intesis WiFi IR Module

MODEL NUMBERS				
Indoor Unit			ASU12RL2	
Outdoor Unit		AOU12RL		
System			12RL2	
EFFICIENCIES				
SEER			16.0	
EER			10.0	
HSPF			9.0	
СОР	kW/kW		3.39	
COP	Btu/hW			
OUTDOOR TEMPER	ATURE OPERATIO	N RANGE		
Cooling	°F(°C)		15 to 115 (-10 to 46)	
Heating	F(C)		15 to 75 (-10 to 24)	
CAPACITIES				
Cooling	Rated		12,000	
Cooling	Min.–Max.	BTU/hW	3100 - 12500	
Heating	Rated	DIU/IIW	14,000	
пеацііў	Min.–Max.		3100 - 16000	
LINESET REQUIREM	MENTS			
Connection Method			Flare	
Liquid	in (mm)	Ø1/4 in (Ø6.35		
Gas	111 (111111)	Ø3/8 in (Ø9.5		
Pre-Charge Length			49 (15)	
Minimum Length	ft (m)		10 (3)	
Maximum Length	ic (iii)		66 (20)	
Max. Height Diff.			49 (15)	
INDOOR DIMENSIO	NS & WEIGHT			
Net (H x W x D)	in		10 - 5/16 × 32 - 9/32 × 8 - 1/8	
net (II x W x b)	mm	262 × 820 × 20		
Gross (H x W x D)	in	10 - 11/32 × 34 - 1/4 × 12 - 29/32		
01033 (11 X W X D)	mm	263 × 870 × 32		
Net Weight	lh (ka)	16 (7)		
Gross Weight	lb (kg)		20 (9)	
OUTDOOR DIMENS	IONS & WEIGHT			
N = 1 (11 - 14/ - D)	in		21-1/4 x 26 x 11-11/32	
Net $(H \times W \times D)$	mm	(540x660x290)		
C /II W D\	in	24x31x		
Gross (H x W x D)	mm	(610x787x		
Net Weight			69	
Gross Weight Ib (kg)		72		
2. 223e.gc	1		,-	



2/27/2019

Effective Date:

Indoor Unit ETL#: 3170288 Outdoor Unit ETL#: 91987

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://portal.fujitsugeneral.com



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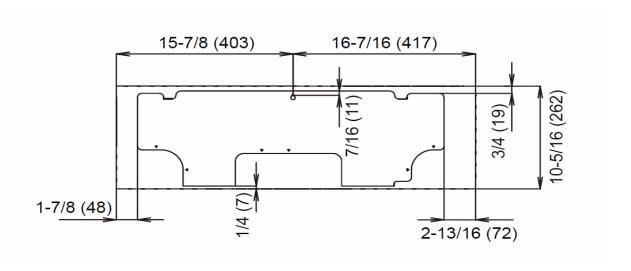
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FAN DATA				
	Cooling	High	CFM (m3/h)	424 (720)
		Medium		353 (600)
		Low		250 (425)
Indoor Unit Airflow		Quiet		191 (325)
Rate	Heating	High		436 (740)
		Medium		353 (600)
		Low		265 (450)
		Quiet		191 (325)
Outdoor Unit	Cooling			1078 (1830)
Airflow Rate	Heating			942 (1600)
SOUND PRESSURE				
		High	dB (A)	43
	Cooling	Medium		38
		Low		33
Indoor Unit		Quiet		23
illudoor offic	Heating	High		43
		Medium		38
		Low		33
		Quiet		23
Outdoor Unit	Cooling			51
	Heating			51
REFRIGERANT	•			
Туре				R410A
Charge	lb oz			7 lb 12oz
charge	g			800
Oil Type				POE (RB68)

ELECTRICAL SP	ECIFICATIONS				
Voltage/Frequency/Phase			115V~ 60Hz		
Voltage Range				103.5 - 126.5V	
Current	Cooling	Rated		10.9	
Current	Heating	Rated		11	
Maximum Oper			A	13	
Maximum Operating Current		Heating		15	
Starting Current				11	
MCA				15	
Maximum Circu	it Breaker			20	
	Cooling	Rated		1.2	
Input Power	Cooling	Min.–Max.	kW	0.23 - 1.44	
input rower	Heating	Rated		1.21	
	ricating	Min.–Max.		0.21 - 1.66	
Power Factor	Cooling		%	96	
	Heating		70	96	
OTHER					
Moisture Removal		pints/h (L/h)	3.8(1.8		
Energy Star				No	
Drain hose	Material			PP+LLDPE	
	Size	in (mm)		.), Ø 1-1/16 (26.6)	
Operation	Cooling	°F (°C)	64 to 90 (18 to 32)		
Range		%RH	80 or less		
Range	Heating	°F (°C)	60 to 88 (16 to 30)		

Wall Bracket Data:



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



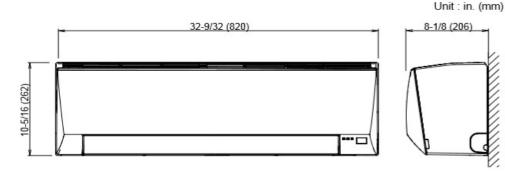
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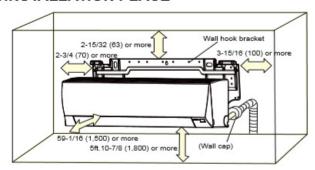
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DIMENSIONS



■ INSTALLATION PLACE



Unit: in.(mm) 13/16(20) 2-11/16(68) 13/32(10),,_11-11/32(290) 23/32(18) 26(660) 21-1/4(540) 13-27/32(352) 3/8(9) Front view 17-7/8(454) Side view Bottom view

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