

SUBMITTAL 12LUAS1R



Inverter Driven Heat Pump

12,000 BTU Single Zone Mid Static Duct System

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

PRODUCT FEATURES

- Up To 0.8" WC
- Quiet Operation (as low as 24 db)
- Automatic Static Pressure Detection
- Heating Operation Rated Down to -5 °F
- Built in Drain Pump
- Lineset Length up to 66ft
- Controls Sold Seperately
- BACnet Compatible





Indoor Unit	MODEL NUMBERS				
System	Indoor Unit			ARUH12LUAS	
SEER	Outdoor Unit			AOUH12LUAS1	
SEER 21.3 EER 13.4 HSPF 11.7 COP kW/KW 3.90 BTU/hW 13.30 OUTDOOR TEMPERATURE OPERATION RANGE Cooling 14 - 115(-10 to 46) Heating 12,000 Min.—Max. 3,100 - 13,600 Heating Rated 16,000 Min.—Max. 3,400 - 19,400 LINESET REQUIREMENTS Connection Method Flare Liquid in (mm) Ø 1/4 (Ø 6.35) Gas Ø 3/8 (Ø 9.52) Pre-Charge Length Morrison Morrison Minimum Length ft (m) 16 (5) Max. Height Diff. 16 (5) INDOOR DIMENSIONS & WEIGHT 11-13/16 x 27-9/16 x 27-9/16 Net (H x W x D) in 15-3/4 x 36-15/16 x 34-7/16 mm 400 x 938 x 875 Net Weight lb (kg) 66 (30) Gross Weight lin 24-7/8 x 31-7/16 x 11-7/16 OUTDOOR DIMENSIONS & WEIGHT 24-7/8 x 31-7/16 x 11-7/16 <t< td=""><td></td><td></td><td></td><td>12LUAS1R</td></t<>				12LUAS1R	
EER					
HSPF	SEER			21.3	
COP					
BTU/hW 13.30	HSPF				
BTU/hW 13.30	COP				
Cooling				13.30	
Heating		ATURE OPERATIO	N RANGE		
Reating		°F(°C)			
Rated		1 (C)		-5 to 75 (-21 to 24)	
Min.—Max. BTU/hW 3,100 - 13,600 16,000	CAPACITIES				
Heating Rated 16,000 3,400 - 19,400 16,000 19,400 19	Cooling			·	
Rated	cooming		RTII/hW		
Min.—Max. 3,400 - 19,400	Heating	Rated	Bronitt		
Connection Method				3,400 - 19,400	
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Gas In (mm) Ø 3/8 (Ø 9.52) Pre-Charge Length 49 (15) Minimum Length ft (m) 16 (5) Max. Height Diff. 49 (15) INDOOR DIMENSIONS & WEIGHT 49 (15) Net (H x W x D) in 11-13/16 x 27-9/16 x 27-9/16 Gross (H x W x D) in 15-3/4 x 36-15/16 x 34-7/16 Max. Height (H x W x D) in 15-3/4 x 36-15/16 x 34-7/16 Mm 400 x 938 x 875 Net Weight (G sos Weight) 16 (30) OUTDOOR DIMENSIONS & WEIGHT 24-7/8 x 31-7/16 x 11-7/16 Net (H x W x D) in 24-7/8 x 31-7/16 x 11-7/16 mm 632 x 799 x 290 in 27-1/6 x 37 x 16-3/6					
Pre-Charge Length		in (mm)		, ,	
Minimum Length ft (m) 16 (5) Maximum Length 66 (20) Max. Height Diff. 49 (15) INDOOR DIMENSIONS & WEIGHT 11-13/16 x 27-9/16 x 27-9/16 Net (H x W x D) in 11-13/16 x 27-9/16 x 34-7/16 Gross (H x W x D) in 15-3/4 x 36-15/16 x 34-7/16 Net Weight 10 (83) 66 (30) Gross Weight 82 (37) OUTDOOR DIMENSIONS & WEIGHT 10 (24-7/8 x 31-7/16 x 11-7/16 x 11-7		(,			
Maximum Length ft (fit) 66 (20) Max. Height Diff. 49 (15) INDOOR DIMENSIONS & WEIGHT 11-13/16 x 27-9/16 x 27-9/16 Net (H x W x D) in 11-13/16 x 27-9/16 x 27-9/16 Gross (H x W x D) in 15-3/4 x 36-15/16 x 34-7/16 Met Weight Ho (x 9 38 x 875) Net Weight 66 (30) Gross Weight 82 (37) OUTDOOR DIMENSIONS & WEIGHT 24-7/8 x 31-7/16 x 11-7/16 Net (H x W x D) mm 632 x 799 x 290 in 27-1/6 x 37 x 16-3/6					
Maximum Length 66 (20) Max. Height Diff. 49 (15) INDOOR DIMENSIONS & WEIGHT 11-13/16 x 27-9/16 x 27-9/16 Net (H x W x D) in 11-13/16 x 27-9/16 x 34-7/16 Gross (H x W x D) in 15-3/4 x 36-15/16 x 34-7/16 Net Weight 66 (30) Gross Weight 66 (30) OUTDOOR DIMENSIONS & WEIGHT Net (H x W x D) in 24-7/8 x 31-7/16 x 11-7/16 mm 632 x 799 x 290 in 27-1/6 x 37 x 16-3/6		ft (m)			
Net (H x W x D)					
Net (H x W x D) in mm 11-13/16 x 27-9/16 x 27-9/16 mm Gross (H x W x D) in 15-3/4 x 36-15/16 x 34-7/16 mm Net Weight Gross Weight Ib (kg) 66 (30) OUTDOOR DIMENSIONS & WEIGHT in 24-7/8 x 31-7/16 x 11-7/16 mm 632 x 799 x 290 Net (H x W x D) mm 632 x 799 x 290				49 (15)	
Net (H x W x D) mm 300 x 700 x 700 Gross (H x W x D) in 15-3/4 x 36-15/16 x 34-7/16 mm 400 x 938 x 875 Net Weight 1b (kg) 66 (30) Gross Weight 82 (37) OUTDOOR DIMENSIONS & WEIGHT 24-7/8 x 31-7/16 x 11-7/16 Net (H x W x D) in 24-7/8 x 31-7/16 x 11-7/16 mm 632 x 799 x 290 in 27-1/6 x 37 x 16-3/6	INDOOR DIMENSION	NS & WEIGHT			
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Mar	,	mm			
Mm	Gross (H v W v D)	in		15-3/4 x 36-15/16 x34-7/16	
Section	dioss (ii x ii x b)	mm	400 x 938 x 875		
Section Sect	Net Weight	lh (ka)		66 (30)	
Net (H x W x D) in 24-7/8 x 31-7/16 x 11-7/16 mm 632 x799 x 290				82 (37)	
Net (H x W x D) mm 632 x799 x 290	OUTDOOR DIMENSI	ONS & WEIGHT			
mm 632 X/99 X 290	Net (H x W x D)	in		24-7/8 x 31-7/16 x 11-7/16	
in 27-1/4 x 37 x 14-3/4		mm	632 x799 x 290		
Cross (H v M v D)	Gross (H x W x D)	in		27-1/4 x 37 x 14-3/4	
mm 692 x 940 x 375	uioss (n x w x D)	mm		692 x 940 x 375	
Net Weight lb (kg) 84 (38)	Net Weight	lh (ka)		84 (38)	

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-RNRUZ Series	Wired Remote Controller (Touch Panel)	
UTY-RSRY	Simple Remote Controller	
UTY-RHRY	Simple Remote Controller	
UTY-LBTUM	IR Kit (Remote & IR Receiver Unit)	
UTY-TFSXZ2	Wireless LAN Interface	
UTY-TTRXZ1	24V Thermostat Interface	
UTY-VMSX	Modbus Converter	
FJ-AC-BAC-1L	BACnet Gateway	



This system combination is Energy Star qualified



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



Effective Date: 3/17/2022

Gross Weight

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

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SUBMITTAL 12LUAS1R



Units: In. (mm)

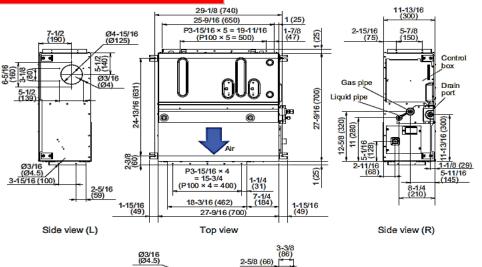
Inverter Driven Heat Pump

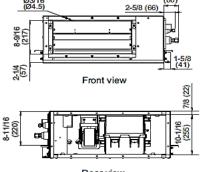
12,000 BTU Single Zone Mid Static Duct

Cooling	High	CEM (m2/b)	500 (850
	Medium		400 (680
	Low		347 (590
	Quiet		300 (510
Heating	High		500 (850
	Medium	CFINI (1113/11)	400 (680
	Low		347 (590
	Quiet		300 (510
Cooling			1,171 (1,990
Heating			1,089 (1,850
	inWC (Pa)	0.	12 to 0.8 (30 to 200
Cooling	High	dB (A)	3
	Medium		3
	Low		2
	Quiet		2
Heating	High		3
	Medium		3
	Low		2
	Quiet		2
Cooling			4
Heating			4
			R410
			2 lb 10 o
kg			1
			RB6
	Heating Cooling Heating Cooling Heating Cooling Heating Looling Heating	Cooling Medium Low Quiet High Medium Low Quiet Cooling Heating InWC (Pa) High Medium Low Quiet Ib oz	Cooling Medium Low Quiet High Medium Low Quiet Cooling Heating inWC (Pa) Cooling High Medium Low Quiet Cooling High Medium Low Quiet High Medium Low Quiet High Medium Low Quiet How Quiet How Quiet Cooling Heating Ib oz

ELECTRICAL SPE	CIFICATIONS			
Voltage/Frequen	ісу			208/230 V ~ 60Hz
Voltage Range				187-253V ~ 60HZ
Current	Cooling	Rated		4
	Heating	Rated		5.3
Maximum Operating Current		Cooling	A	9.8
		Heating		11.3
Starting Current				6.4
MCA				13.8
Maximum Circui	t Breaker			15
	Cooling	Rated		0.89
Input Power	Cooling	Min.–Max.	kW	0.12 - 1.45
iliput Powei	Heating	Rated		1.2
	rieating	Min.–Max.		0.18 -1.84
Power Factor	Cooling		%	96.7
	Heating		. 70	98.4
OTHER				
Moisture Remov	al	pints/h (L/h)		1.5 (0.7)
Energy Star				Yes
Drain hose	Material			PVC
Size	in (mm)	Ø13/16 (20.7)	[I.D.], Ø1-1/16 (26.6) [O.D.] (VP25)	
Operation Range	Cooling	°F (°C)	64 to 89.6 (18 to 32)	
		%RH	80 or less	
	Heating	°F (°C)	60.8 to 86 (16 to 30)	

Indoor Unit:





Rear view

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Note: Specifications are based on the following conditions: Cooling: Indoor temperature of 80°F (26.7°C) DB/75°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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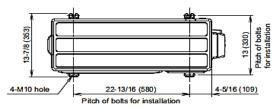


Inverter Driven Heat Pump

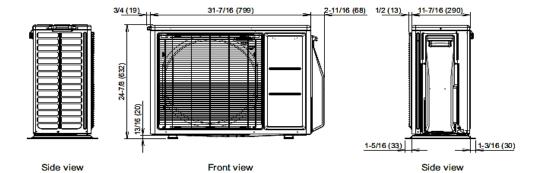
12,000 BTU Single Zone Mid Static Duct

DIMENSIONS Units: In. (mm)

Outdoor Unit:

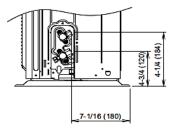


Top view



Hole Hole Hole 15-11/16 (399)

Drain port Ø1-5/8 (42)



Side view (Valve part)