

SUBMITTAL 12LUAS1C

AIRSTAGE

Inverter Driven Heat Pump

12,000 BTU Single Zone Compact Cassette

Job Name		
Location	Date _	
Engineer	Арргоval —	
Submitted To	Construction	
Submitted By	Unit No	
Reference	Drawing No	

PRODUCT FEATURES

24 hr. Timer/Weekly Timer Auto louver: Up/Down Auto Mode Auto Changeover Daisy Chain Compatible Built-in Condensate Pump Auto Restart Economy Mode Auto Fan Mode

Effective Date:



Indoor Unit	MODEL NUMBERS					
Outdoor Unit AOUH12LUAS1C EFFICIENCIES 12LUAS1C SEER 22.1 SEER 22.1 SEER 12.8 EER 2 12.8 HSPF 12.2 LSPF 2 (IV) / HSPF 2 (V) 11.3/2.9 COP RW/kW 3.26 COP Btu/hW 11.1 COP2 Btw/hW 3.26 COP2 Btw/hW 3.26 COP2 Btw/hW 11.1 OUTDOOR TEMPERATURE OPERATION RANGE 00ling Cooling "F("C) 14 to 115 (-10 to 46) Heating* "5" (-2) 12000 CAPACITIES Btu/h 3,100-13,600 Linestr Reourements Btu/h 3,100-19,400 Linestr Reourements 0 3/8 (9 9.52) Connection Method Flare Liquid in (mm) 0 1/4 (0 6.35) Gas 0 3/8 (9 9.52) Pre-charge length 49 (15) Minimum Length 49 (15) Max. height difference				Δ(IIH12I IIΛC1		
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HSPF 2 (IV) / HSPF 2 (V)						
HSPF 2 (IV) / HSPF 2 (V)						
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COP2 Btu/hW 11.1						
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Gross Weight 42 (19) OUTDOOR DIMENSIONS & WEIGHT Net (H x W x D) in (mm) 24-7/8 × 31-7/16 × 11-7/16 (632 × 799 × 290)			10-7/16 × 28-3/4 × 24-5/8 (265 × 730 × 625)			
42 (19) OUTDOOR DIMENSIONS & WEIGHT Net (H x W x D)	Net Weight	lh (ka)				
Net (H x W x D) 24-7/8 × 31-7/16 × 11-7/16 (632 × 799 × 290)	Gross Weight	ib (kg)	42 (19)			
in (mm)	OUTDOOR DIMENSIONS	& WEIGHT				
Gross (H x W x D) 27-1/4 × 37 × 14-3/4 (692 × 940 × 375)	Net (H x W x D)	- ' - ' In (mm)				
	Gross (H x W x D)			27-1/4 × 37 × 14-3/4 (692 × 940 × 375)		
Net Weight Ib (kg) 84 (38)	Net Weight			84 (38)		
Gross Weight 95 (43)	Gross Weight	ib (kg)		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-RNRUZ*	Wired Remote Controller
UTY-RSRY	Simple Remote Controller
UTY-RHRY	Simple Remote Controller
UTY-LNTU	Wireless Remote Controller
UTY-XWZXZG	External Connect Kit
UTR-YDZB	Air Outlet Shutter Plate
UTZ-VXAA	Fresh Air Intake Kit
UTZ-KXGC	Insulation for High Humidity
UTY-XCSX	External Input and Output PCB
UTZ-GXEA	External Input and Output PCB Box
UTY-TFSXZ2	WLAN Adapter
UTY-VMSX	Modbus Converter
UTG-CCGFGA	Cassette Grille
UTY-TTRXZ1	Thermostat Converter
UTY-VTGX	Network Converter
UTY-VTGXV	Network Converter (AC power supply)
UTY-TERX	External Switch Controller



This system combination is Energy Star qualified

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

05/07/2024 https://connect.fujitsugeneral.com
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FUÏTSU

Inverter Driven Heat Pump

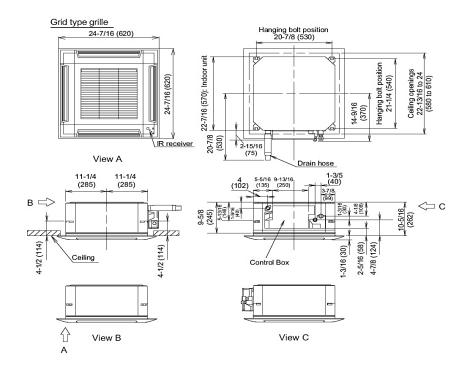
12,000 BTU Single Zone Compact Cassette

FAN DATA				
	Cooling	HIGH	- CFM (m3/h)	359 (610)
		MED		312 (530)
		LOW		277 (470)
Indoor Unit Airflow rate		QUIET		241 (410)
illuooi oliit Allilow late	Heating	HIGH		359 (610)
		MED		312 (530)
		LOW		277 (470)
		QUIET		241 (410)
Outdoor Unit Airflow	Cooling			1,171 (1,990)
rate	Heating			1,089 (1,850)
SOUND PRESSURE				
		HIGH	dB (A)	37
	Cooling	MED		33
		LOW		31
Indoor Unit		QUIET		28
mador onic	Heating	HIGH		37
		MED		33
		LOW		31
		QUIET		28
Outdoor Unit	Cooling			48
	Heating			49
REFRIGERANT				
Туре				R410A
Charge	lb oz			2lbs.10oz.
	g			1200
Oil Type				RB68

ELECTRICAL SPEC	IFICATIONS				
Voltage/Frequency/Phase				208/230 V ~ 60 Hz	
Available Voltage Range		187–253 V			
Current	Cooling	Rated		4.2	
Cullent	Heating	Rated		6.4	
Maximum Operat	ina Curront	Cooling		9.8	
Maximum Operating Current		Heating	A	11.3	
Starting current				6.4	
MCA			1	11.3	
Maximum Circuit Breaker				15	
	Cooling	Rated		0.94	
Input Power	Cooling	Max.	kW	1.79	
iliput rowei	Heating	Rated		1.44	
	rieating	Max.		1.79	
Power Factor	Cooling Heating		%	97.3	
rowerractor				97.8	
OTHER					
Moisture Removal		pints/h (L/h)	2.5 (1.2)		
Energy Star				Yes	
	Material		HARD PVC		
Drain hose	Tip diameter	in (mm)	Ø13/16 (Ø20.7) [I.D.]		
			Ø1-1/16 (Ø26.6) [O.D.]		
	Cooling	°F (°C)		64 to 90 (18 to 32)	
Operation Range		%RH	80 or less		
	Heating	°F (°C)		60 to 86 (16 to 30)	

DIMENSIONS:

Indoor Unit Units: In. (mm)

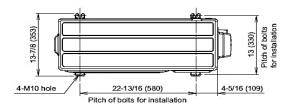


Inverter Driven Heat Pump

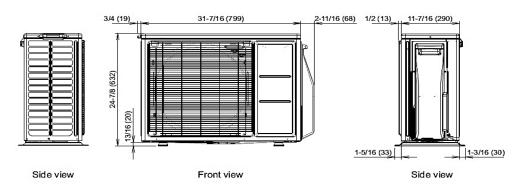
12,000 BTU Single Zone Compact Cassette

DIMENSIONS Units: In. (mm)

Outdoor Unit

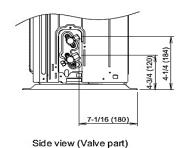


Top view



Hole Hole Hole 15-11/16 (399)

Drain port Ø1-5/8 (42)



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Note: Specifications are based on the following conditions: Cooling: Indoor temperature of 80°F (26.7°C) D8/67°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) D8/60°F (15.6°C) WB, and outdoor temperature of 47°F (8.3°C) D8/43°F (6.1°C) WB. Pipe length: 25°ft. (7.5m), Height difference: 0ft. (0m) (Outdoor unit – Indoor unit).