

Inverter Driven Heat Pump

18,000 BTU Single Zone Compact Cassette

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

Date _____
 Approval _____
 Construction _____
 Unit No _____
 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



MODEL NUMBERS

Indoor Unit	ACUH18LUAS1
Outdoor Unit	AOUH18LUAS1
System	18LUAS1C

EFFICIENCIES

SEER	20.8
EER	12.5
HSPF	11.6
COP	3.50
	11.9

OUTDOOR TEMPERATURE OPERATION RANGE

Cooling	°F(°C)	14 to 115 (-10 to 46)
Heating		-5 to 75 (-21 to 24)

CAPACITIES

Cooling	Rated	BTU/hW	17,100
	Min.—Max.		3,100 - 20,100
Heating	Rated		21,600
	Min.—Max.		3,100 - 23,900

LINESET REQUIREMENTS

Connection Method		Flare
Liquid	in (mm)	Ø1/4 (Ø6.35)
Gas		Ø1/2 (Ø12.70)
Pre-Charge Length	ft (m)	66 (20)
Minimum Length		16 (5)
Maximum Length		98 (30)
Max. Height Diff.		49 (15)

INDOOR DIMENSIONS & WEIGHT

Net (H x W x D)	in	9-5/8 x 22-7/16 x 22-7/16
	mm	(245x570x570)
Gross (H x W x D)	in	10-7/16 x 28-3/4 x 24-19/32
	mm	(265x730x625)
Net Weight	lb (kg)	33 (15)
Gross Weight		42 (19)

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)
Gross (H x W x D)	in	27-1/4 x 37 x 14-3/4
	mm	(692 x 940 x 375)
Net Weight	lb (kg)	86 (39)
Gross Weight		95 (43)



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

Effective Date: 6/4/2021

Version 18LUAS1C

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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-TTRXZ1	3rd. Party Thermostat Converter
UTY-RNRUZ5	Wired Remote (backlite)
UTY-RSRY	Simple Remote
UTY-LNTU	Wireless Remote
UTY-TFSXZ2	Wireless Lan Adaptor
UTY-XWZXZG	External Connect Kit
UTY-XCSX	External input/output PCB
UTZ-VXAA	Fresh-air intake kit
UTY-VMSX	Modbus Converter



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://portal.fujitsugeneral.com>



SUBMITTAL 18LUAS1C



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FAN DATA				
Indoor Unit Airflow Rate	Cooling	High	CFM (m3/h)	435 (740)
		Medium		341 (580)
		Low		288 (490)
		Quiet		241 (410)
	Heating	High		435 (740)
		Medium		341 (580)
		Low		288 (490)
		Quiet		241 (410)
Outdoor Unit Airflow Rate	Cooling			1,395 (2,370)
	Heating			1,460 (2,480)
SOUND PRESSURE				
Indoor Unit	Cooling	High	dB (A)	42
		Medium		36
		Low		32
		Quiet		28
	Heating	High		44
		Medium		40
		Low		36
		Quiet		30
Outdoor Unit	Cooling			52
	Heating			55
REFRIGERANT				
Type				R410A
Charge	lb oz		2 lb 12 oz	
	kg		1,250	
Oil Type				RB68

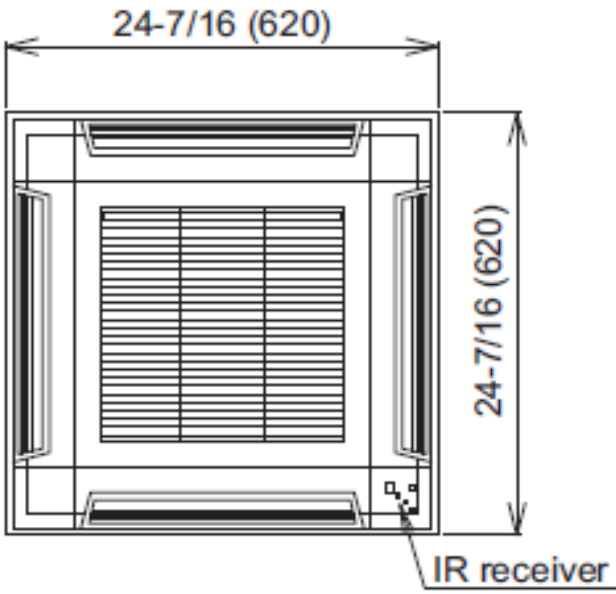
ELECTRICAL SPECIFICATIONS				
Voltage/Frequency/Phase			208 / 230V ~ 60Hz	
Voltage Range			187 - 253V ~ 60Hz	
Current	Cooling	Rated	A	6.1
	Heating	Rated		8.1
Maximum Operating Current		Cooling		11.8
		Heating		14.8
Starting Current				7.6
MCA				14.8
Maximum Circuit Breaker				20
Input Power	Cooling	Rated	kW	1.37
		Max		2.35
	Heating	Rated		1.81
		Max		2.57
Power Factor	Cooling		%	97.6
	Heating		%	97.2
OTHER				
Moisture Removal		pints/h (L/h)		4.6 (2.2)
Energy Star				No
Drain hose	Material		Hard PVC	
Size	in (mm)	Ø1/2 (Ø13.0) [I.D.], Ø5/8 to Ø11/16 (Ø16.0 to Ø16.7) [O.D.]		
IDU Operation Range	Cooling	°F (°C)	64 to 90 (18 to 32)	
		%RH	80 or less	
	Heating	°F (°C)	60 to 88 (16 to 30)	

GRILL DATA: UTG-CCGFGA

DIMENSIONS

Units: In. (mm)

Grid type grille



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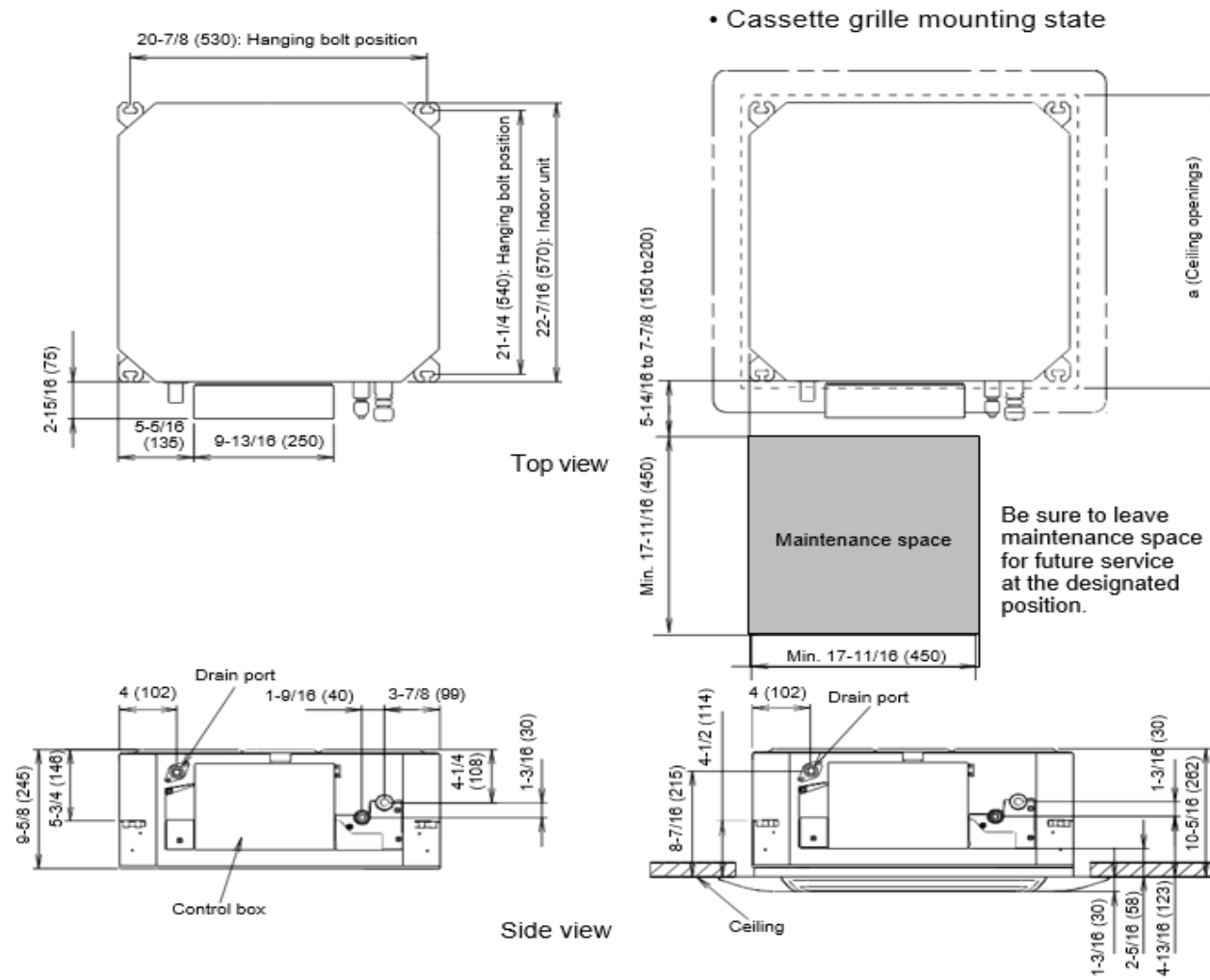
Note: Specifications are based on the following conditions:
Cooling: Indoor temperature of 80°F (26.7°C) DB/67°F (19.4°C) WB, and outdoor temperature of 95°F (35°C) DB/75°F (23.9°C) WB. Heating: Indoor temperature of 70°F (21.1°C) DB/60°F (15.6°C) WB, and outdoor temperature of 47°F (8.3°C) DB/43°F (6.1°C)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

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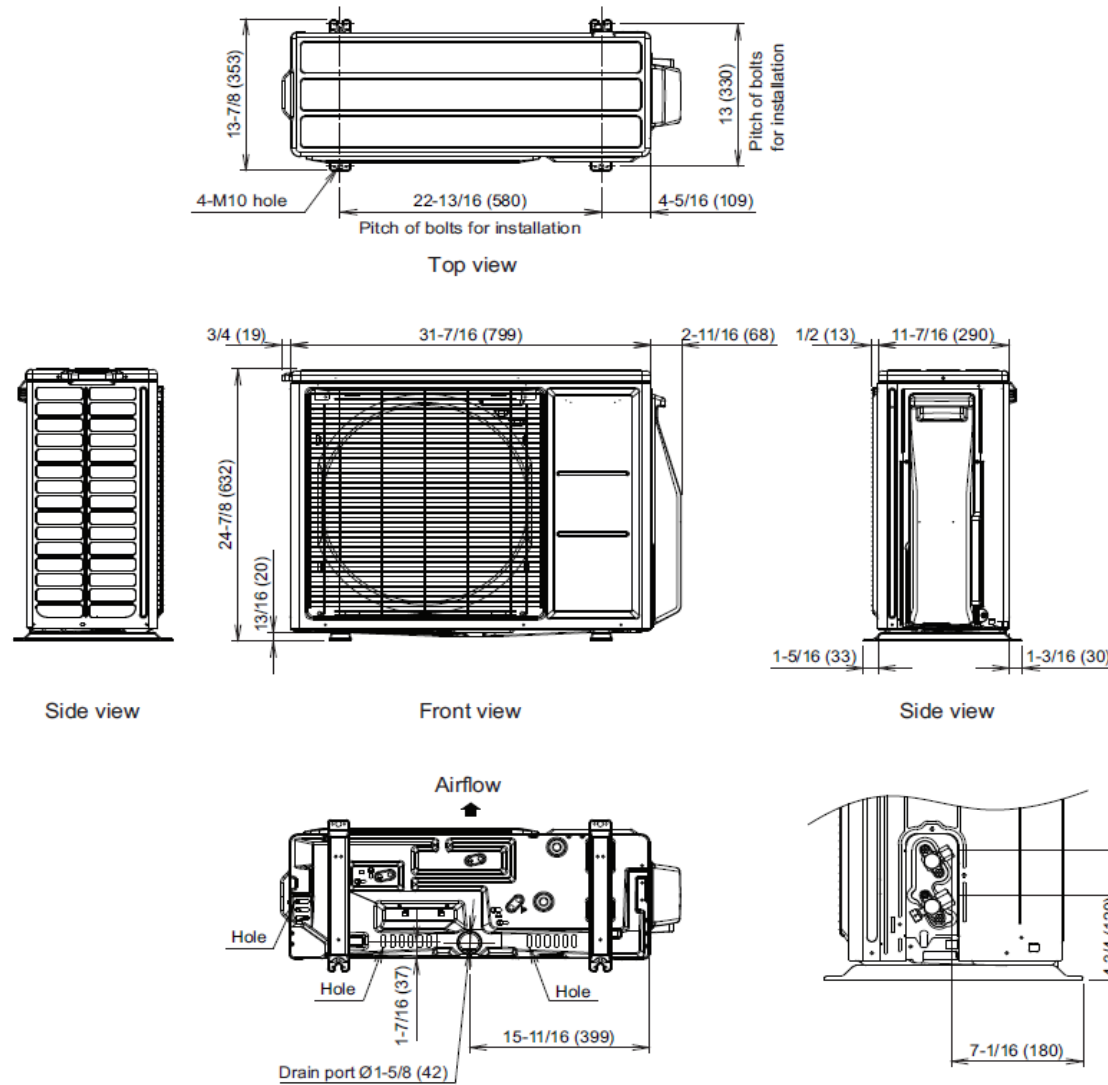
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DIMENSIONS

Units: In. (mm)



Unit: in (mm)



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