

Inverter Driven Heat Pump

12,000 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 | ACUH12LUAS1 |
| Outdoor Unit | AOUH12LUAS1 |
| System | 12LUAS1C |

| EFFICIENCIES | | |
|--------------|--------|------|
| SEER | 22.1 | |
| EER | 12.8 | |
| HSPF | 12.2 | |
| COP | kW/kW | 3.25 |
| | Btu/hW | 11.1 |

| 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 | 12,000 |
| | Min.—Max. | | 3,100 - 13,600 |
| Heating | Rated | BTU/hW | 16,000 |
| | Min.—Max. | | 3,100 - 19,400 |

| 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 | | 16 (5) |
| Maximum Length | | 66 (20) |
| 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 | | 40 (18) |

| 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) | 84 (38) |
| Gross Weight | | 95 (43) |

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-TTRX | 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 |
| UTZ-KXGC | Modbus Converter |



This system combination is Energy Star qualified



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

Effective Date: 6/4/2021

Version 12LUAS1C

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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12,000 BTU Single Zone Compact Cassette

FAN DATA

| | | | | |
|---------------------------|---------|--------|---------------|-----------|
| Indoor Unit Airflow Rate | Cooling | High | CFM (m3/h) | 359 (610) |
| | | Medium | | 312 (530) |
| | | Low | | 276 (470) |
| | | Quiet | | 241 (410) |
| | Heating | High | | 359 (610) |
| | | Medium | | 312 (530) |
| | | Low | | 276 (470) |
| | | Quiet | | 241 (410) |
| Outdoor Unit Airflow Rate | Cooling | | 1,171 (1,990) | |
| | Heating | | 1,089 (1,850) | |

SOUND PRESSURE

| | | | | |
|--------------|---------|--------|--------|----|
| Indoor Unit | Cooling | High | dB (A) | 37 |
| | | Medium | | 33 |
| | | Low | | 31 |
| | | Quiet | | 28 |
| | Heating | High | | 37 |
| | | Medium | | 33 |
| | | Low | | 31 |
| | | Quiet | | 28 |
| Outdoor Unit | Cooling | | 48 | |
| | Heating | | 49 | |

REFRIGERANT

| | | | |
|----------|-------|------------|--|
| Type | R410A | | |
| Charge | lb oz | 2 lb 10 oz | |
| | kg | 1,200 | |
| Oil Type | RB68 | | |

ELECTRICAL SPECIFICATIONS

| | | | |
|---------------------------|---------|-------------------|------|
| Voltage/Frequency/Phase | | 208 / 230V ~ 60Hz | |
| Voltage Range | | 187 - 253V ~ 60Hz | |
| Current | Cooling | Rated | 4.2 |
| | Heating | Rated | 6.4 |
| Maximum Operating Current | Cooling | A | 9.8 |
| | Heating | | 11.3 |
| Starting Current | | | 5.8 |
| MCA | | | 11.3 |
| Maximum Circuit Breaker | | | 15 |
| Input Power | Cooling | Rated | 0.94 |
| | | Max | 2.06 |
| | Heating | Rated | 1.44 |
| | | Max | 1.79 |
| Power Factor | Cooling | % | 97.3 |
| | Heating | % | 97.8 |

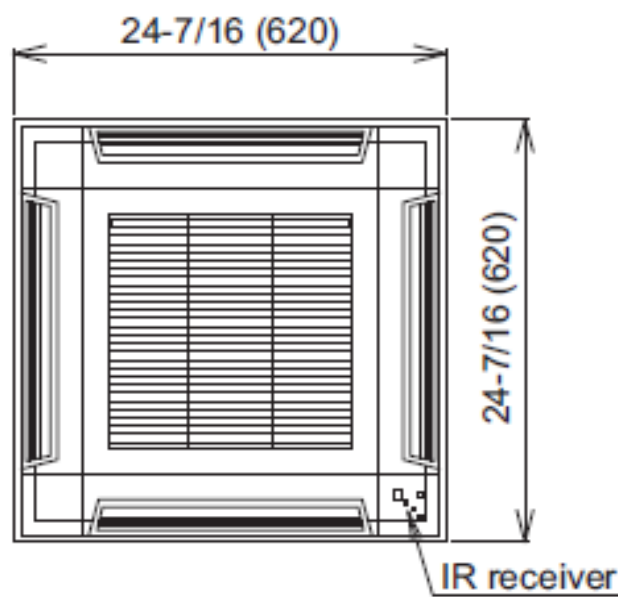
OTHER

| | | | |
|---------------------|---------------|---|---------------------|
| Moisture Removal | pints/h (L/h) | 2.5 (1.2) | |
| Energy Star | | Yes | |
| 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

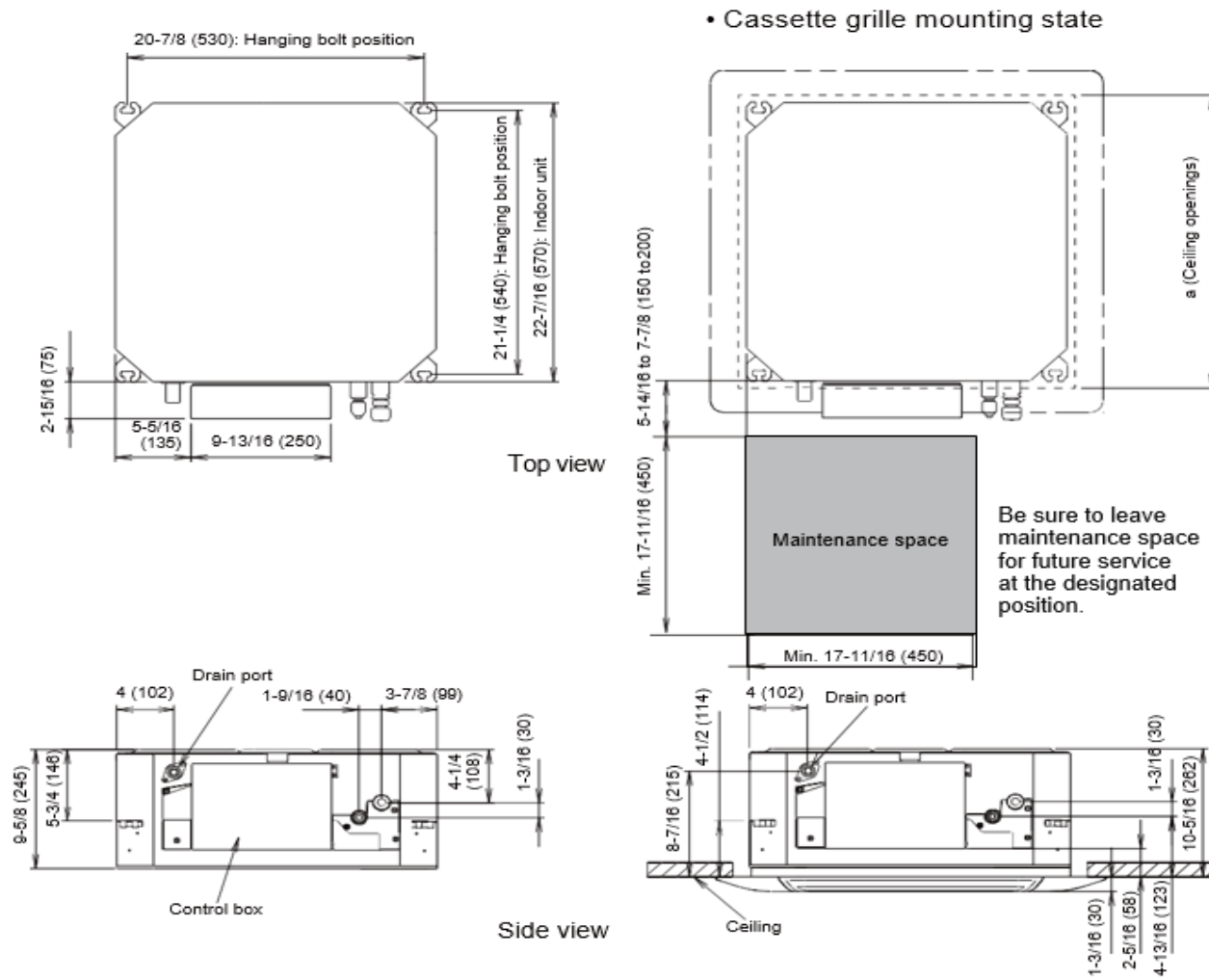
DIMENSIONS Units: In. (mm)

Grid type grille

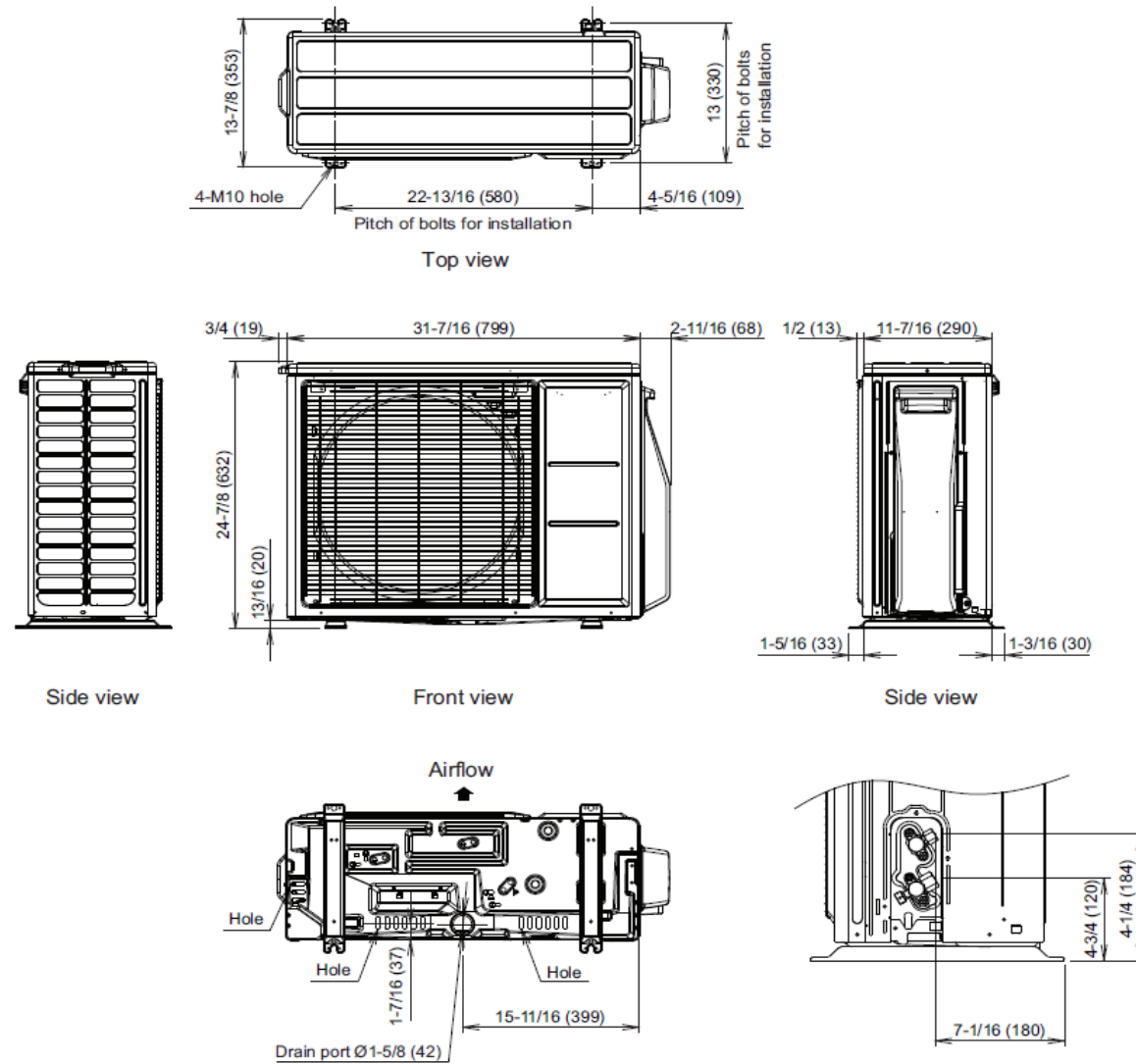


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Note: Specifications are based on the following conditions:
 Cooling: Indoor temperature of 80°F (26.7°C) DB/67°F (19.4°C) WB, and outdoor temperature of 95°F (35°C) DB/75°F (23.9°C) WB. Heating: Indoor temperature of 70°F (21.1°C) DB/60°F (15.6°C) 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).



Unit: in (mm)



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