

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 | | |
| SEER 2 | 23 | | |
| EER | 12.8 | | |
| EER 2 | 12.8 | | |
| HSPF | 12.2 | | |
| HSPF 2 | 11.3 | | |
| COP | kw/kw | 3.26 | |
| COP | Btu/hW | 11.1 | |
| COP2 | kw/kw | 3.26 | |
| COP2 | 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/h | 12000 |
| | Min.-Max. | | 3,100-13,600 |
| Heating | Rated | | 16000 |
| | Min.-Max. | | 3,100-19,400 |
| LINESET REQUIREMENTS | | | |
| Connection Method | | Flare | |
| Liquid | in (mm) | Ø 1/4 (Ø 6.35) | |
| Gas | | Ø 3/8 (Ø 9.52) | |
| Pre-charge length | ft (m) | 49 (15) | |
| Minimum Length | | 16 (5) | |
| Max. length | | 66 (20) | |
| Max. height difference | | 49 (15) | |
| INDOOR DIMENSIONS & WEIGHT | | | |
| Net (H x W x D) | in (mm) | 9-5/8 x 22-7/16 x 22-7/16 (245 x 570 x 570) | |
| Gross (H x W x D) | | 10-7/16 x 28-3/4 x 24-5/8 (265 x 730 x 625) | |
| Net Weight | lb (kg) | 33 (15) | |
| Gross Weight | | 42 (19) | |
| OUTDOOR DIMENSIONS & WEIGHT | | | |
| Net (H x W x D) | in (mm) | 24-7/8 x 31-7/16 x 11-7/16 (632 x 799 x 290) | |
| Gross (H x W x D) | | 27-1/4 x 37 x 14-3/4 (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-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>

Effective Date: 12/14/2022

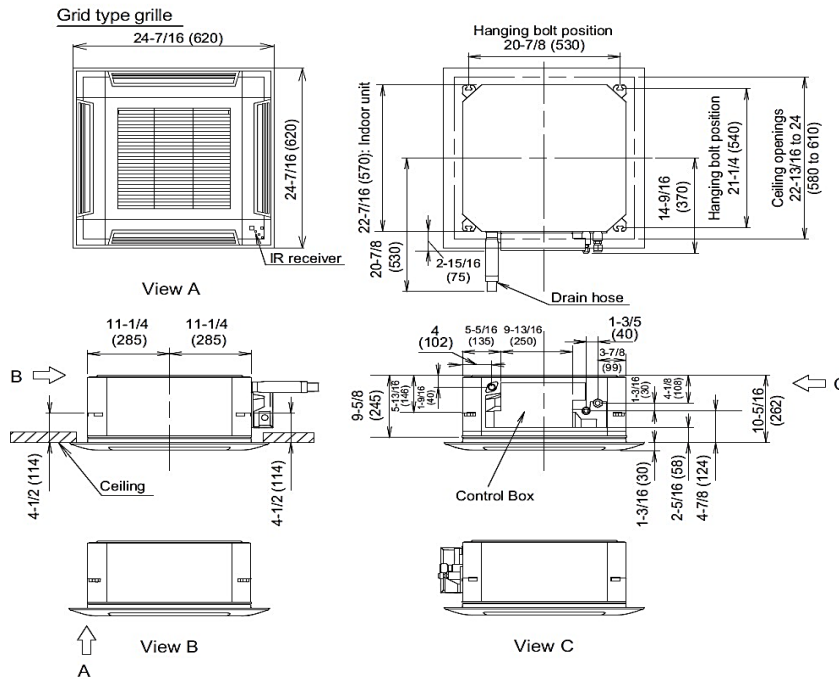
| FAN DATA | | | | |
|---------------------------|---------|-------|---------------|------------|
| Indoor Unit Airflow rate | Cooling | HIGH | CFM (m3/h) | 359 (610) |
| | | MED | | 312 (530) |
| | | LOW | | 277 (470) |
| | | QUIET | | 241 (410) |
| | Heating | HIGH | | 359 (610) |
| | | MED | | 312 (530) |
| | | LOW | | 277 (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 |
| | | MED | | 33 |
| | | LOW | | 31 |
| | | QUIET | | 28 |
| | Heating | HIGH | | 37 |
| | | MED | | 33 |
| | | LOW | | 31 |
| | | QUIET | | 28 |
| Outdoor Unit | Cooling | | 48 | |
| | Heating | | 49 | |
| REFRIGERANT | | | | |
| Type | | | | R410A |
| Charge | lb oz | | | 2lbs.10oz. |
| | g | | | 1200 |
| Oil Type | | | | RB68 |

| ELECTRICAL SPECIFICATIONS | | | | |
|---------------------------|--------------|-------------------|---|------|
| Voltage/Frequency/Phase | | 208/230 V ~ 60 Hz | | |
| Available Voltage Range | | 187-253 V | | |
| Current | Cooling | Rated | A | 4.2 |
| | Heating | Rated | | 6.4 |
| Maximum Operating Current | Cooling | | | 9.8 |
| | Heating | | | 11.3 |
| Starting current | | 6.4 | | |
| MCA | | 11.3 | | |
| Maximum Circuit Breaker | | 15 | | |
| Input Power | Cooling | Rated | kW | 0.94 |
| | | Max. | | 1.79 |
| | 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 | |
| | Tip diameter | in (mm) | Ø13/16 (Ø20.7) [I.D.] Ø1-1/16 (Ø26.6) [O.D.] | |
| Operation Range | Cooling | °F (°C) | 64 to 90 (18 to 32) | |
| | | %RH | 80 or less | |
| | Heating | °F (°C) | 60 to 86 (16 to 30) | |

DIMENSIONS:

Indoor Unit

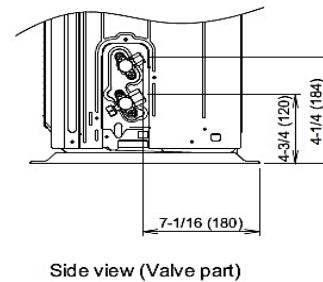
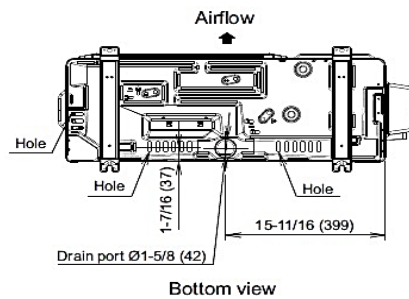
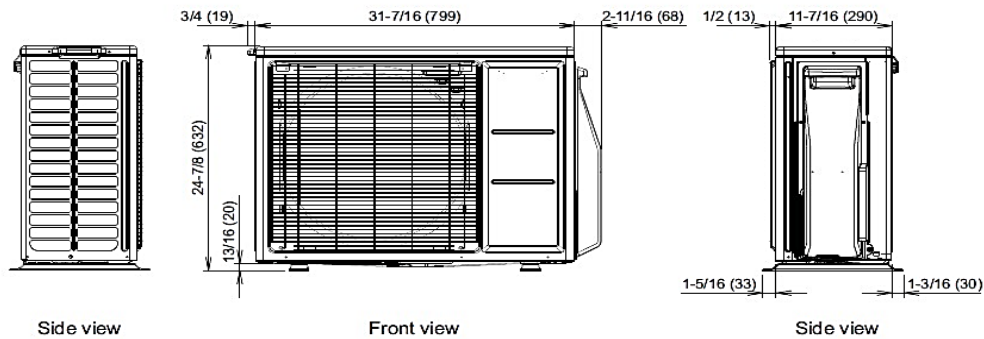
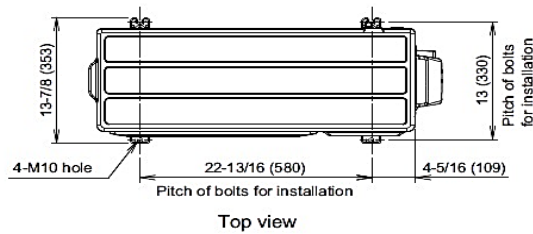
Units: In. (mm)



DIMENSIONS

Units: In. (mm)

Outdoor Unit



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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).