

Inverter Driven Heat Pump

9,000 BTU Single Zone High SEER Wall Mounted System

Job Name \_\_\_\_\_  
 Location \_\_\_\_\_  
 Engineer \_\_\_\_\_  
 Submitted To \_\_\_\_\_  
 Submitted By \_\_\_\_\_  
 Reference \_\_\_\_\_

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

**PRODUCT FEATURES**

- Auto Changeover
- 24 hr. Timer
- Auto Louver: Up/Down
- Minimum Heat Mode
- Wireless Remote control
- Auto Restart
- Economy Mode
- Auto Fan Mode



**MODEL NUMBERS**

|              |             |
|--------------|-------------|
| Indoor Unit  | ASUG09LMAS  |
| Outdoor Unit | AOUG09LMAS1 |
| System       | 09LMAS1     |

**EFFICIENCIES**

|      |        |       |
|------|--------|-------|
| SEER | 26.5   |       |
| EER  | 14.3   |       |
| HSPF | 13     |       |
| COP  | kW/KW  | 4.19  |
|      | BTU/hW | 14.30 |

**OUTDOOR TEMPERATURE OPERATION RANGE**

|         |        |                      |
|---------|--------|----------------------|
| Cooling | *F(*C) | 14 to 115(-10 to 46) |
| Heating |        | 5 to 75(-15to 24)    |

**CAPACITIES**

|         |           |        |              |
|---------|-----------|--------|--------------|
| Cooling | Rated     | BTU/hW | 9,000        |
|         | Min.—Max. |        | 3,400-10,900 |
| Heating | Rated     |        | 12,000       |
|         | Min.—Max. |        | 2,800-15,000 |

**LINESET REQUIREMENTS**

|                   |         |                |
|-------------------|---------|----------------|
| Connection Method |         | Flare          |
| Liquid            | in (mm) | Ø 1/4 (Ø 6.35) |
|                   |         | Ø 3/8 (Ø 9.52) |
| Pre-Charge Length | ft (m)  | 49 (15)        |
| Minimum Length    |         | 10 (3)         |
| Maximum Length    |         | 66 (20)        |
| Max. Height Diff. |         | 49 (15)        |

**INDOOR DIMENSIONS & WEIGHT**

|                   |         |                           |
|-------------------|---------|---------------------------|
| Net (H x W x D)   | in      | 10-5/8 x 32-13/16 x 8-3/4 |
|                   | mm      | 270 x 834 x 222           |
| Gross (H x W x D) | in      | 10- 14/16 x 36 x 13- 1/16 |
|                   | mm      | 277 x 914 x 332           |
| Net Weight        | lb (kg) | 22 (10)                   |
| Gross Weight      |         | 29 (13)                   |

**OUTDOOR DIMENSIONS & WEIGHT**

|                   |         |                             |
|-------------------|---------|-----------------------------|
| Net (H x W x D)   | in      | 21-5/16 x 31-7/16 x 11-7/16 |
|                   | mm      | 542 x 799 x 290             |
| Gross (H x W x D) | in      | 23- 11/16 x 37 x 14- 12/16  |
|                   | mm      | 602 x 940 x 375             |
| Net Weight        | lb (kg) | 68 (31)                     |
| Gross Weight      |         | 75 (34)                     |

**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-TWRXZ2 | Interface Kit                         |
| UTY-RNRUZ4 | Wired Remote Controller (Touch Panel) |
| UTY-RSRY   | Simple Remote Control                 |
| UTY-TFSXF1 | WiFi Interface Module                 |
| UTY-XWZXZ5 | Dry Contact Wire Kit                  |



This system combination is Energy Star qualified



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



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

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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FAN DATA

|                           |         |        |             |           |
|---------------------------|---------|--------|-------------|-----------|
| Indoor Unit Airflow Rate  | Cooling | High   | CFM (m3/h)  | 453 (770) |
|                           |         | Medium |             | 353 (600) |
|                           |         | Low    |             | 264 (450) |
|                           | Heating | Quiet  |             | 147 (250) |
|                           |         | High   |             | 453 (770) |
|                           |         | Medium |             | 376 (640) |
|                           |         | Low    |             | 306 (520) |
|                           |         | Quiet  |             | 182 (310) |
| Outdoor Unit Airflow Rate | Cooling |        | 912 (1,550) |           |
|                           | Heating |        | 912 (1,550) |           |

SOUND PRESSURE

|              |         |        |        |    |
|--------------|---------|--------|--------|----|
| Indoor Unit  | Cooling | High   | dB (A) | 43 |
|              |         | Medium |        | 36 |
|              |         | Low    |        | 30 |
|              |         | Quiet  |        | 19 |
|              | Heating | High   |        | 43 |
|              |         | Medium |        | 38 |
|              |         | Low    |        | 33 |
|              |         | Quiet  |        | 21 |
| Outdoor Unit | Cooling |        | 46     |    |
|              | Heating |        | 48     |    |

REFRIGERANT

|          |             |          |  |
|----------|-------------|----------|--|
| Type     | R410A       |          |  |
| Charge   | lb oz       | 2lb.2oz. |  |
|          | kg          | 1        |  |
| Oil Type | POE (RB68A) |          |  |

ELECTRICAL SPECIFICATIONS

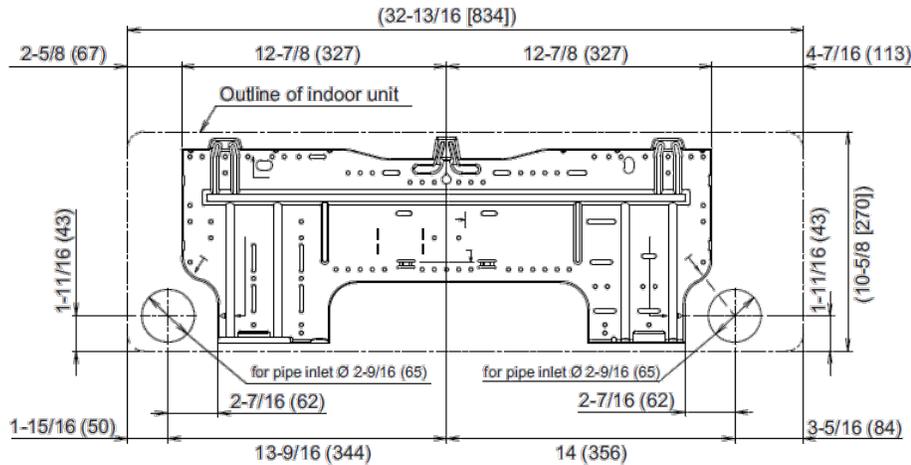
|                           |         |                       |           |
|---------------------------|---------|-----------------------|-----------|
| Voltage/Frequency/Phase   |         | 208/230 V / 1Ø / 60HZ |           |
| Voltage Range             |         | 187-253V~60HZ         |           |
| Current                   | Cooling | Rated                 | 3.1       |
|                           | Heating | Rated                 | 4         |
| Maximum Operating Current | Cooling | A                     | 6.4       |
|                           | Heating |                       | 7.9       |
| Starting Current          |         |                       | 4         |
| MCA                       |         |                       | 9.7       |
| Maximum Circuit Breaker   |         |                       | 15        |
| Input Power               | Cooling | Rated                 | kW        |
|                           |         | Min.—Max.             |           |
|                           | Heating | Rated                 |           |
| Power Factor              | Cooling | Min.—Max.             | 0.14-1.61 |
|                           | Heating |                       | 88.4      |
|                           |         |                       | 91.3      |

OTHER

|                  |               |   |                     |
|------------------|---------------|---|---------------------|
| Moisture Removal | pints/h (L/h) | 2.7 (1.3)   |                     |
| Energy Star      |               | Yes   |                     |
| Drain hose       | Material      | PP+HDPE   |                     |
| Size             | in (mm)       | Ø15/32 (Ø11.8) (I.D.), Ø19/32 to Ø21/32 (Ø15 to Ø16.8) (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) |

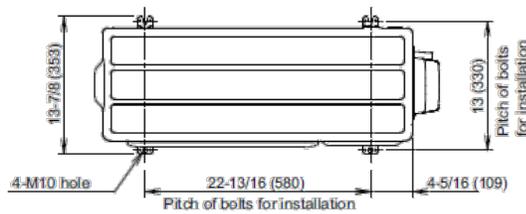
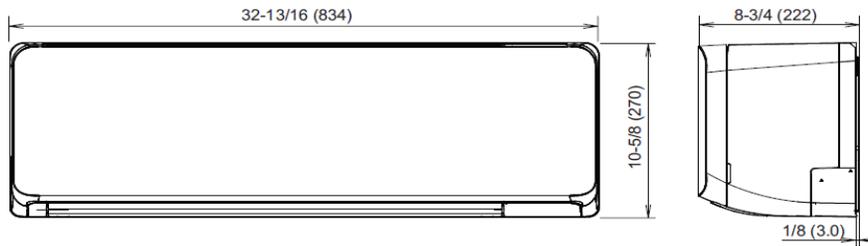
Wall Bracket Data:

Units: In. (mm)

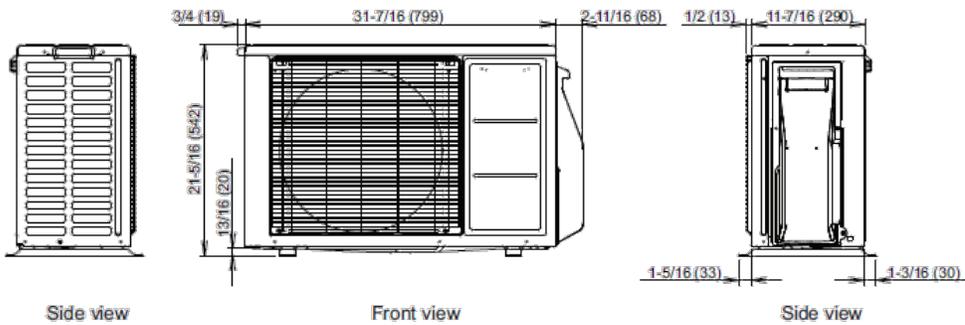


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Note: Specifications are based on the following conditions:  
 Cooling: Indoor temperature of 80°F (26.7°C) DB/67°F (19.4°C) WB, and outdoor temperature of 95°F (35°C) DB/75°F (23.9°C) WB. Heating: Indoor temperature of 70°F (21.1°C) DB/60°F (15.6°C)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



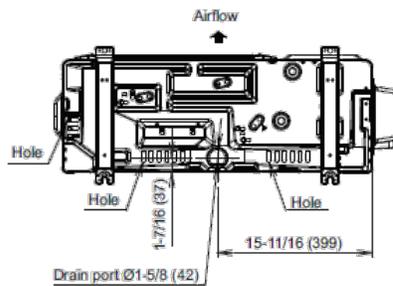
Top view



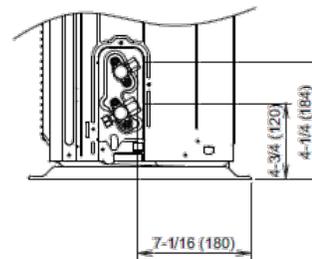
Side view

Front view

Side view



Bottom view



Side view (Valve part)

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