

## Inverter Driven Heat Pump

36,000 BTU Mid Static Ducted

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

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

### PRODUCT FEATURES

Up To 0.8" WC  
 Two wire or Three wire Controls  
 Automatic Airflow Adjustment  
 Heating operation rated down to -5°F outdoor temperature  
 Quiet Operation (as low as 26 decibels)  
 Long Lineset Lengths (up to 164')



| MODEL NUMBERS                       |           |   |              |
|-------------------------------------|-----------|---|--------------|
| Indoor Unit                         |           | ARU36RGLX                                       |              |
| Outdoor Unit                        |           | AOU36RGLX                                       |              |
| System                              |           | 36RGLXD   |              |
| EFFICIENCIES                        |           |   |              |
| SEER                                |           | 16.7  |              |
| SEER 2                              |           | 16  |              |
| EER                                 |           | 10  |              |
| EER 2                               |           | 9.2   |              |
| HSPF                                |           | 11.3  |              |
| HSPF 2                              |           | 8.9   |              |
| COP                                 | kW/kW     | 3.66  |              |
| COP                                 | Btu/hW    | 12.5  |              |
| COP2                                | kW/kW     | 3.5   |              |
| COP2                                | Btu/hW    | 11.9  |              |
| OUTDOOR TEMPERATURE OPERATION RANGE |           |   |              |
| Cooling                             | *F(°C)    | -5 to 115 (-21 to 46)                           |              |
| Heating                             |           | -5 to 75 (-21 to 24)                            |              |
| CAPACITIES                          |           |   |              |
| Cooling                             | Rated     | Btu/h   | 36000        |
|                                     | Min.—Max. |   | 9,600—39,000 |
| Heating                             | Rated     |   | 36000        |
|                                     | Min.—Max. |   | 9,200—48,000 |
| LINESET REQUIREMENTS                |           |   |              |
| Connection Method                   |           | Flare   |              |
| Liquid                              | in (mm)   | Ø3/8 (9.52)                                     |              |
| Gas                                 |           | Ø5/8 (15.88)                                    |              |
| Pre-charge length                   | ft (m)    | 66 (20)   |              |
| Minimum Length                      |           | 16 (5)  |              |
| Max. length                         |           | 164 (50)  |              |
| Max. height difference              |           | 98 (30)   |              |
| INDOOR DIMENSIONS & WEIGHT          |           |   |              |
| Net (H × W × D)                     | in (mm)   | 11-13/16 × 55-1/8 × 27-9/16 (300 × 1,400 × 700) |              |
| Gross (H × W × D)                   |           | 15-3/4 × 64-1/2 × 34-7/16 (400 × 1,638 × 875)   |              |
| Net Weight                          | lb (kg)   | 121 (55)  |              |
| Gross Weight                        |           | 141 (64)  |              |
| OUTDOOR DIMENSIONS & WEIGHT         |           |   |              |
| Net (H × W × D)                     | in (mm)   | 32-11/16 × 35-7/16 × 13 (830 × 900 × 330)       |              |
| Gross (H × W × D)                   |           | 39-3/8 × 41-5/16 × 17-1/2 (1,000 × 1,050 × 445) |              |
| Net Weight                          | lb (kg)   | 134 (61)  |              |
| Gross Weight                        |           | 152 (69)  |              |

### 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-Series | Wired Remote Controller                         |
| UTY-RSRY         | Simple Remote Controller                        |
| UTY-RHRY         | Simple Remote Controller                        |
| UTY-LBTUM        | IR Receiver Kit with Wireless Remote Controller |
| UTY-XSZX         | Remote Sensor Unit                              |
| UTD-LFNA         | Long-life Filter                                |
| UTY-XWZXZG       | External Connect Kit                            |
| UTY-XCSX         | External Input and Output PCB                   |
| UTY-TFSXZ2       | WLAN Adapter                                    |
| UTY-VMSX         | Modbus Converter                                |
| UTY-TTRXZ1       | Thermostat Converter                            |

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: 3/6/2023

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## Inverter Driven Heat Pump

## 36,000 BTU Mid Static Ducted

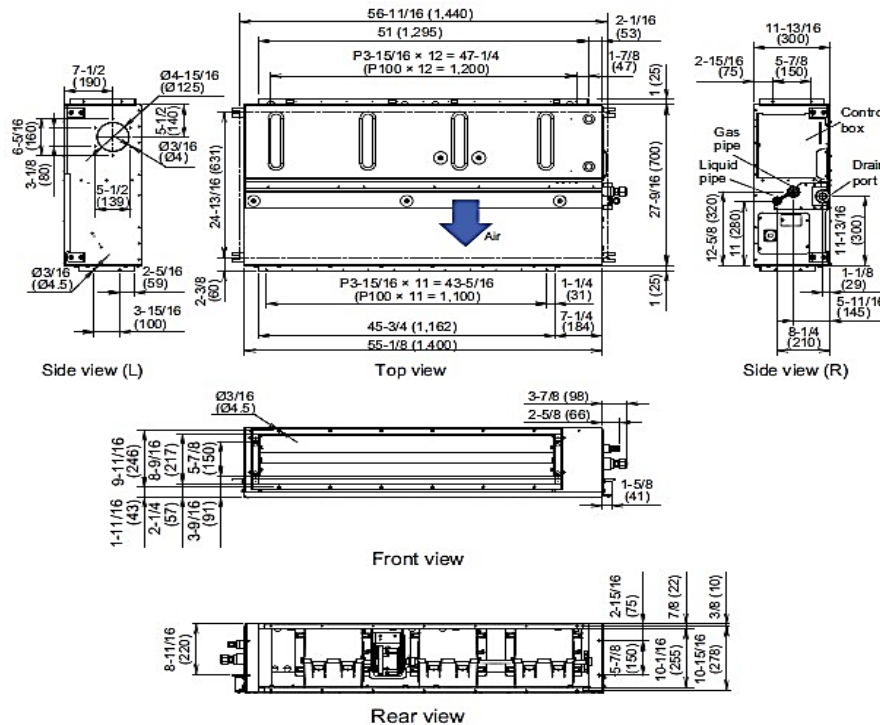
| FAN DATA                  |         |       |            |               |
|---------------------------|---------|-------|------------|---------------|
| Indoor Unit Airflow rate  | Cooling | HIGH  | CFM (m3/h) | 1,207 (2,050) |
|                           |         | MED   |            | 965 (1,640)   |
|                           |         | LOW   |            | 783 (1,330)   |
|                           |         | QUIET |            | 630 (1,070)   |
|                           | Heating | HIGH  |            | 1,089 (1,850) |
|                           |         | MED   |            | 965 (1,640)   |
|                           |         | LOW   |            | 783 (1,330)   |
|                           |         | QUIET |            | 630 (1,070)   |
| Outdoor Unit Airflow rate | Cooling |       |            | 2,237 (3,800) |
|                           | Heating |       |            | 2,237 (3,800) |
| SOUND PRESSURE            |         |       |            |               |
| Indoor Unit               | Cooling | HIGH  | dB (A)     | 37            |
|                           |         | MED   |            | 33            |
|                           |         | LOW   |            | 30            |
|                           |         | QUIET |            | 26            |
|                           | Heating | HIGH  |            | 35            |
|                           |         | MED   |            | 33            |
|                           |         | LOW   |            | 30            |
|                           |         | QUIET |            | 26            |
| Outdoor Unit              | Cooling |       |            | 54            |
|                           | Heating |       |            | 56            |
| REFRIGERANT               |         |       |            |               |
| Type                      |         |       |            | R410A         |
| Charge                    | lb oz   |       |            | 4 lb 10.1 oz  |
|                           | g       |       |            | 2100          |
| Oil Type                  |         |       |            | POE (RB68)    |

| ELECTRICAL SPECIFICATIONS |                       |                  |   |                          |
|---------------------------|-----------------------|------------------|---|--------------------------|
| Voltage/Frequency/Phase   |                       | 208/230 V~ 60 Hz |   |                          |
| Available Voltage Range   |                       | 187–253 V        |   |                          |
| Current                   | Cooling               | Rated            | A   | 6.8                      |
|                           | Heating               | Rated            |   | 7.3                      |
| Maximum Operating Current | Cooling               |                  |   | 13.6                     |
|                           | Heating               |                  |   | 14.1                     |
| Starting current          |                       |                  |   | 16.1                     |
| MCA                       |                       |                  |   | 24.6                     |
| Maximum Circuit Breaker   |                       |                  | 30  |                          |
| Input Power               | Cooling               | Rated            | kW  | 1.51                     |
|                           |                       | Min.–Max.        |   | 0.53–2.08                |
|                           | Heating               | Rated            |   | 1.65                     |
|                           |                       | Min.–Max.        |   | 0.51–2.19                |
| Power Factor              | Cooling               |                  | %   | 96.5                     |
|                           | Heating               |                  |   | 98.3                     |
| OTHER                     |                       |                  |   |                          |
| Moisture Removal          |                       | pints/h (L/h)    | 3.8 (1.8)                                   |                          |
| Energy Star               |                       |                  | No  |                          |
| Drain hose                | Material              |                  | PVC   |                          |
|                           | Tip diameter          | in (mm)          | Ø13/16 (20.7) (I.D.), Ø1-1/16 (26.6) (O.D.) |                          |
| Operation Range           | Cooling               | °F (°C)          | 64.4 to 89.6 (18 to 32)                     |                          |
|                           |                       | %RH              | 80 or less                                  |                          |
|                           | Heating               | °F (°C)          | 60.8 to 86.0 (16 to 30)                     |                          |
|                           | Static pressure range |                  | inWG (Pa)                                   | 0.12 to 0.80 (30 to 200) |

## DIMENSIONS:

Indoor Unit:

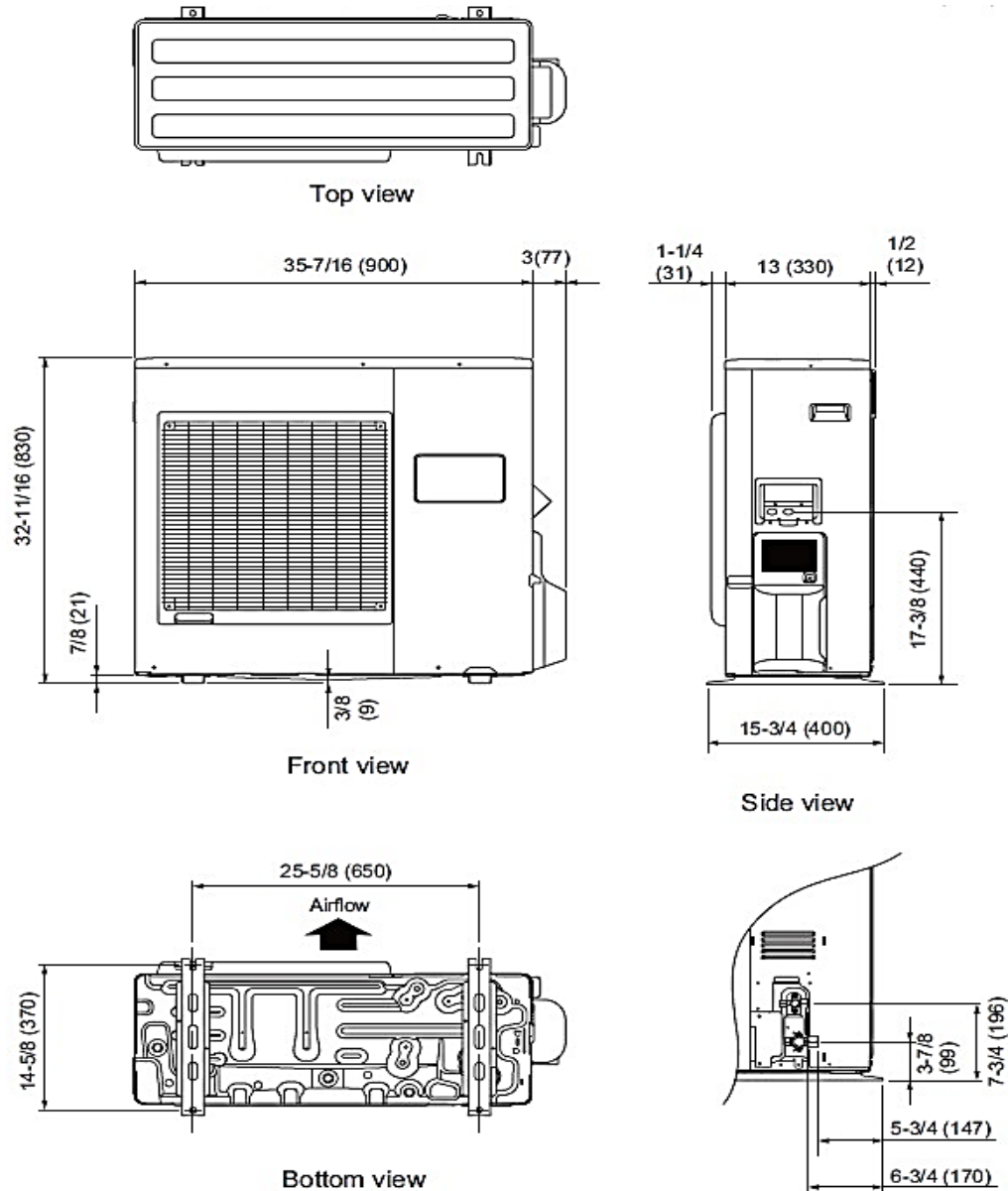
Units: In. (mm)



**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).