

**Inverter Driven Heat Pump**

**36,000 BTU Multi Zone System**

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

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

**PRODUCT FEATURES**

- Operate as few as one indoor unit or all indoor units
- Mix & match from 4 indoor unit styles
- Blue-fin condenser coil coating
- Base pan heater



Heating down to -15°F outdoor temperatures



**MODEL NUMBERS**

|              |             |        |     |
|--------------|-------------|--------|-----|
| System       | 36RLXFZH    |        |     |
| Outdoor Unit | AOU36RLXFZH |        |     |
| Indoor Unit  | Non-Ducted  | Ducted | Mix |

**EFFICIENCIES**

|      |        |      |      |      |
|------|--------|------|------|------|
| SEER |        | 20   | 18   | 19   |
| EER  |        | 13   | 12   | 12.5 |
| HSPF |        | 10.3 | 9.3  | 9.8  |
| COP  | kw/kw  | 4    | 3.88 | 3.94 |
|      | Btu/hw | 13.6 | 13.2 | 13.4 |

**OUTDOOR TEMPERATURE OPERATION RANGE**

|         |        |                       |
|---------|--------|-----------------------|
| Cooling | *F(*C) | 14 to 115 (-10 to 46) |
| Heating |        | -15 to 75 (-26 to 24) |

**CAPACITIES**

|                      |           |        |                        |
|----------------------|-----------|--------|------------------------|
| Total Capacity Range |           |        | 27,000 to 39,000 Btu/h |
| Cooling              | Rated     | BTU/hw | 35200                  |
|                      | Min.-Max. |        | 12,000-39,000          |
| Heating              | Rated     |        | 36400                  |
|                      | Min.-Max. |        | 12,000-42,000          |

**LINESET REQUIREMENTS**

|                     |         |                                      |
|---------------------|---------|--------------------------------------|
| Connection Method   |         | Flare                                |
| Liquid              | in (mm) | Ø1/4 (Ø6.35) × 4                     |
| Gas                 |         | Ø3/8 (Ø9.52) × 3 + Ø1/2 (Ø12.70) × 1 |
| Pre-Charge Length   | ft (m)  | 164 (50)                             |
| Maximum Length      |         | 230 (70)                             |
| Maximum Length Each |         | 82 (25)                              |
| Minimum Length      |         | 49 (15)                              |
| Minimum Length Each |         | 16 (5)                               |
| Max. Height Diff.   |         | 49 (15)                              |

**OUTDOOR DIMENSIONS & WEIGHT**

|                   |         |                             |
|-------------------|---------|-----------------------------|
| Net (H x W x D)   | in      | 39-5/16 × 38-3/16 × 14-9/16 |
|                   | mm      | 998 × 970 × 370             |
| Gross (H x W x D) | in      | 45-3/4 × 45-1/4 × 18-13/16  |
|                   | mm      | 1,162 × 1,150 × 478         |
| Net Weight        | lb (kg) | 205 (93)                    |
| Gross Weight      |         | 229 (104)                   |

**SOUND PRESSURE**

|              |         |        |    |
|--------------|---------|--------|----|
| Outdoor Unit | Cooling | dB (A) | 53 |
|              | Heating |        | 55 |

**Warranty Information**



7 Year Compressor, 5 Year Parts out-of-the-box Warranty



10 Year Compressor, 10 Year Parts Warranty when registered within 30 days of installation in a residence



12 Year Compressor, 12 Year Parts Warranty when registered within 30 days of installation in a residence, and installed by a Fujitsu Elite contractor

**FAN DATA**

|              |         |            |               |
|--------------|---------|------------|---------------|
| Outdoor Unit | Cooling | CFM (m3/h) | 2,472 (4,200) |
| Airflow Rate | Heating |            | 2,472 (4,200) |

**CONNECTABLE INDOOR UNIT**

|        |                        |
|--------|------------------------|
| TYPE   | Slim Duct (ARU)        |
|        | Wall Mount (ASU)       |
|        | Compact Cassette (AAU) |
|        | Floor Mount (AGU)      |
| NUMBER | 2 to 4                 |



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>

Effective Date: 10/22/2019

Version 36RLXFZH -2019A

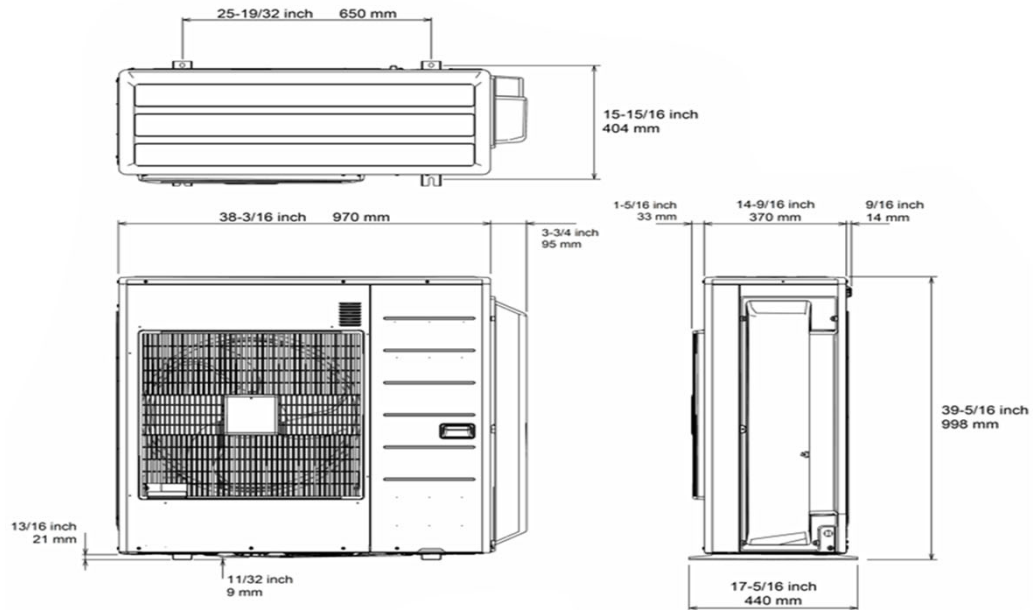
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| REFRIGERANT               |         |                    |        |      |
|---------------------------|---------|--------------------|--------|------|
| Type                      | R410A   |                    |        |      |
| Charge                    | lb oz   | 8 lb 13 oz         |        |      |
|                           | g       | 4000               |        |      |
| Oil Type                  | RB68    |                    |        |      |
| ELECTRICAL SPECIFICATIONS |         | Non-Ducted         | Ducted | Mix  |
| Voltage/Frequency/Phase   |         | 1Ø 208/230 V 60 Hz |        |      |
| Voltage Range             |         | 187-264V           |        |      |
| Rated Current (A)         | Cooling | 11.9               | 12.9   | 12.4 |
|                           | Heating | 11.8               | 12.1   | 11.8 |
| Maximum Operating Current |         | 26                 |        |      |
| Starting Current          |         | 12.9               |        |      |
| MCA                       |         | 31.5               |        |      |
| Maximum Circuit Breaker   |         | 40                 |        |      |
| Rated Input Power (kW)    | Cooling | 2.7                | 2.93   | 2.81 |
|                           | Heating | 2.67               | 2.74   | 2.7  |
| Max. Input Power (kW)     | Cooling | 3.47               | 3.53   | 3.5  |
|                           | Heating | 3.29               | 3.35   | 3.32 |

**DIMENSIONS**

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).