



## SUBMITTAL 18AFXZJ

### Inverter Driven Heat Pump

### 18,000 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



#### MODEL NUMBERS

|                     |             |        |      |
|---------------------|-------------|--------|------|
| System              | 18AFXZJ     |        |      |
| Outdoor Unit        | ROMH18AFXZJ |        |      |
| Indoor Unit         | Non-Ducted  | Ducted | Mix  |
| <b>EFFICIENCIES</b> |             |        |      |
| SEER                | 18          | 16     | 17   |
| EER                 | 12.5        | 12.1   | 12.3 |
| HSPF                | 9.03        | 9      | 9.15 |
| COP                 | kW/kW       | 3.44   | 3.52 |
|                     | Btu/hW      | 11.7   | 12.0 |

#### OUTDOOR TEMPERATURE OPERATION RANGE

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

#### CAPACITIES

|                      |           |                        |
|----------------------|-----------|------------------------|
| Total Capacity Range |           | 14,000 to 21,000 Btu/h |
| Cooling              | Rated     | 18000                  |
|                      | Min.-Max. | 6,100-21,000           |
| Heating              | Rated     | 22000                  |
|                      | Min.-Max. | 6,800-24,400           |

#### LINESET REQUIREMENTS

|                     |         |                  |
|---------------------|---------|------------------|
| Connection Method   |         | Flare            |
| Liquid              | in (mm) | Ø1/4 (Ø6.35) × 2 |
| Gas                 |         | Ø3/8 (Ø9.52) × 2 |
| Pre-Charge Length   | ft (m)  | 98 (30)          |
| Maximum Length      |         | 164 (50)         |
| 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      | 27-9/16 × 35-7/16 × 13     |
|                   | mm      | 700 × 900 × 330            |
| Gross (H x W x D) | in      | 34-1/16 × 41-5/16 × 17-1/2 |
|                   | mm      | 865 × 1,050 × 445          |
| Net Weight        | lb (kg) | 119 (54)                   |
| Gross Weight      |         | 137 (62)                   |

#### SOUND PRESSURE

|              |         |        |    |
|--------------|---------|--------|----|
| Outdoor Unit | Cooling | dB (A) | 49 |
|              | Heating |        | 49 |

#### 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

#### FAN DATA

|              |         |            |               |
|--------------|---------|------------|---------------|
| Outdoor Unit | Cooling | CFM (m3/h) | 1,795 (3,050) |
| Airflow Rate | Heating |            | 1,619 (2,750) |

#### CONNECTABLE INDOOR UNIT

|        |                        |  |  |
|--------|------------------------|--|--|
| TYPE   | Slim Duct (RID)        |  |  |
|        | Wall Mount (RIW)       |  |  |
|        | Compact Cassette (RIC) |  |  |
|        | Floor Mount (RIF)      |  |  |
| NUMBER | 2                      |  |  |



Outdoor Unit ETL

91987

Effective Date: 7/11/2019

Version 18AFXZJ -2019A

Due to continuous product improvements, specifications are subject to change without notice.



Rheem  
 110030328 Albermarly Road N.E. Suite 1700  
 Atlanta, GA  
 Toll Free: (770) 351-3000



## SUBMITTAL 18AFXZJ

### Inverter Driven Heat Pump

18,000 BTU Multi Zone System

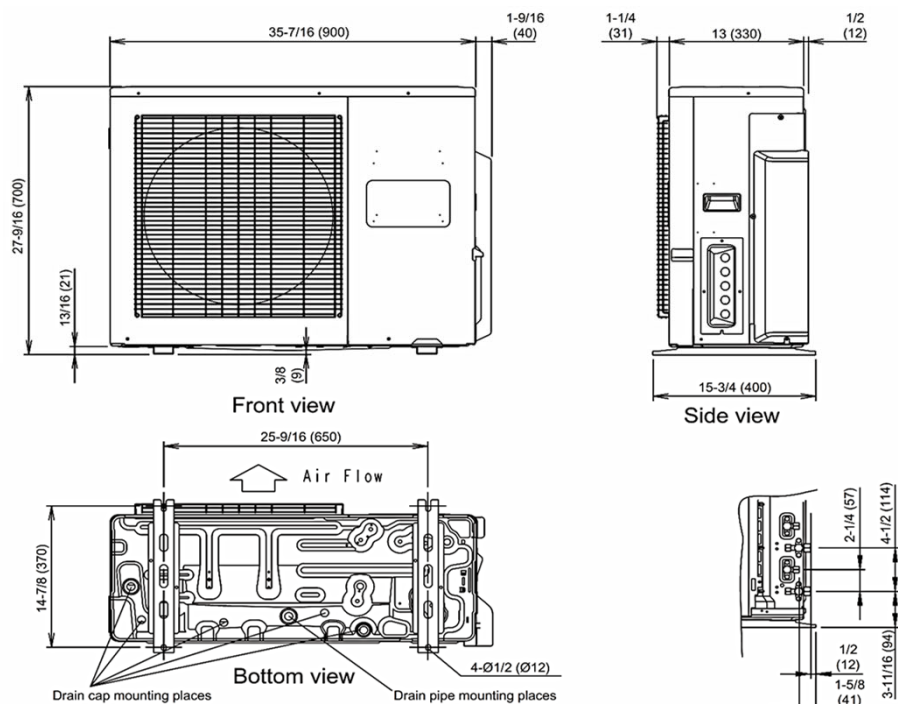
#### REFRIGERANT

|          |       |            |       |
|----------|-------|------------|-------|
| Type     |       |            | R410A |
| Charge   | lb oz | 4 lb 14 oz |       |
|          | g     | 2200       |       |
| Oil Type |       |            | POE   |

#### ELECTRICAL SPECIFICATIONS

|                           |         | Non-Ducted         | Ducted | Mix  |
|---------------------------|---------|--------------------|--------|------|
| Voltage/Frequency/Phase   |         | 1Ø 208/230 V 60 Hz |        |      |
| Voltage Range             |         | 187–264V           |        |      |
| Rated Current (A)         | Cooling | 6.3                | 6.6    | 6.4  |
|                           | Heating | 8.2                | 8      | 8.1  |
| Maximum Operating Current |         | 10                 |        |      |
| Starting Current          |         | 8.2                |        |      |
| MCA                       |         | 13                 |        |      |
| Maximum Circuit Breaker   |         | 15                 |        |      |
| Rated Input Power (kW)    | Cooling | 1.44               | 1.49   | 1.46 |
|                           | Heating | 1.87               | 1.83   | 1.84 |
| Max. Input Power (kW)     | Cooling | 2.06               | 2.14   | 2.1  |
|                           | Heating | 2.1                | 2.08   | 2.09 |

**DIMENSIONS:** Units: In. (mm)



Rheem  
110030328 Albermarly Road N.E. Suite 1700  
Atlanta, GA  
Toll Free: (770) 351-3000

Due to continuous product improvements, specifications are subject to change without notice.