

# Cassette Heat Pump System

Indoor Model: 40MKQB34C--3

Outdoor Model: 25HHA436A006/224AES036000

## Submittal Data

Job Data: \_\_\_\_\_ Location: \_\_\_\_\_

Buyer: \_\_\_\_\_ Buyer P.O. #: \_\_\_\_\_ Carrier #: \_\_\_\_\_

Unit Number: \_\_\_\_\_ Model Number: \_\_\_\_\_

Performance Data Certified By: \_\_\_\_\_ Date: \_\_\_\_\_

### STANDARD FEATURES

- Cost Competitive
- Small footprint
- Fixed Speed Compressor
- WeatherArmor Ultra™ cabinet
- **Low ambient operation to -20°F (with low ambient accessory)**
- 200 Ft. line lengths
- Built in Condensate pump
- Fresh Air Connection
- Modes: Cool, Heat, Dry, Fan, Auto
- Sleep mode
- Dehumidification mode
- Timer
- Louver Control (Fixed or Swing)
- Follow me
- 46F Heating Mode (Heating Setback)
- Quiet operation

### CONTROL FEATURES

- Wireless remote control (standard)
- Wired remote control (optional)

For specific information on indoor or outdoor unit see Product Data

**(Unless otherwise indicated, data applies to both indoor and outdoor models)**

|                 |                                        |       |                                       |
|-----------------|----------------------------------------|-------|---------------------------------------|
| System          | Size                                   |       | 34                                    |
|                 | Outdoor Model                          |       | 25HHA436A006<br>224AES036000          |
|                 | Indoor Model                           |       | 40MKQB34C--3                          |
| Performance     | Cooling Rated Capacity                 | Btu/h | 32,600                                |
|                 | SEER                                   |       | 14.0                                  |
|                 | EER                                    |       | 12.2                                  |
|                 | Heating Rated Capacity                 | Btu/h | 33,000                                |
|                 | HSPF                                   |       | 8.2                                   |
|                 | COP                                    | W/W   | 3.94                                  |
| Controls        | Wireless Remote Controller (°F/°C)     |       | Standard                              |
|                 | Wired Remote Controller (°F/°C)        |       | Optional                              |
| Operating Range | Cooling Outdoor DB Min - Max           | °F    | 55~125<br>(-20°F w / Low-Ambient Kit) |
|                 | Cooling Indoor DB Min -Max             | °F    | 64~90                                 |
|                 | Heating Outdoor DB Min -Max            | °F    | 17~75                                 |
|                 | Heating Indoor DB Min -Max             | °F    | 32~80                                 |
| Piping          | Total Piping Length                    | Ft.   | 200'                                  |
|                 | Drop (OD above ID)                     | Ft.   | 200'                                  |
|                 | Lift (OD below ID)                     | Ft.   | 65'                                   |
|                 | Outdoor Pipe Connection Size - Liquid  | In.   | 3/8"                                  |
|                 | Outdoor Pipe Connection Size - Suction | In.   | 7/8"                                  |
|                 | Indoor Pipe Connection Size - Liquid   | In.   | 3/8"                                  |
|                 | Indoor Pipe Connection Size - Suction  | In.   | 3/4"                                  |

|            |                                    |                                                      |              |
|------------|------------------------------------|------------------------------------------------------|--------------|
| Electrical | Outdoor Voltage, Phase, Cycle      | V/Ph/Hz                                              | 460-3-60     |
|            | Indoor Voltage, Phase, Cycle       | V/Ph/Hz                                              | 208/230-1-60 |
|            | Power Supply                       | Indoor and outdoor units have dedicated power supply |              |
|            | MCA (Outdoor)                      | A.                                                   | 7.6          |
|            | MOCP - Fuse Rating (Outdoor)       | A.                                                   | 15           |
|            | MCA (Indoor)                       | A.                                                   | 1            |
| Outdoor    | MOCP - Fuse Rating (Indoor)        | A.                                                   | 15           |
|            | Unit Width                         | In.                                                  | 44.5         |
|            | Unit Height                        | In.                                                  | 37.1         |
|            | Unit Depth                         | In.                                                  | 17.1         |
|            | Net Weight                         | Lbs.                                                 | 197          |
| Indoor     | Airflow                            | CFM                                                  | 2,615        |
|            | Unit Width                         | In.                                                  | 33.1         |
|            | Unit Height                        | In.                                                  | 33.1         |
|            | Unit Depth                         | In.                                                  | 11.3         |
|            | Net Weight                         | Lbs.                                                 | 68.6         |
|            | Number of Fan Speeds               |                                                      | 3            |
|            | Airflow (lowest to highest)        | CFM                                                  | 750/820/1130 |
|            | Sound Pressure (lowest to highest) | dB(A)                                                | 44/48/53     |
|            | Air throw Data                     | Ft.                                                  | 16           |

## Accessories

- ☐ Grille/Ceiling panel (Required, sold separately)
- ☐ Wired Remote Control

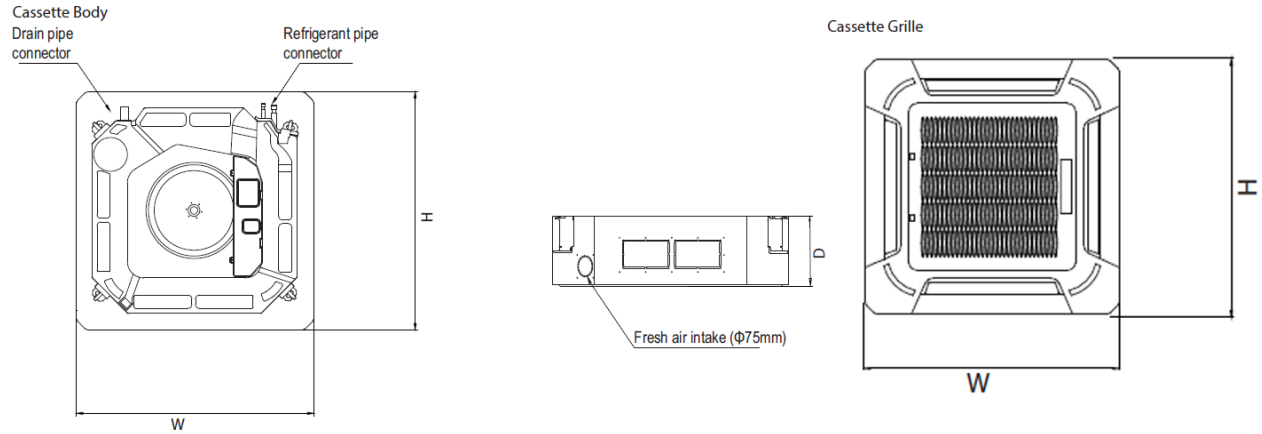
- ☐ Low Ambient Kit
- ☐ Isolation Relay Kit
- ☐ Hard Start Kit

- ☐ Wind Baffle
- ☐ Wall Mounting Kit
- ☐ Liquid Line Solenoid Kit

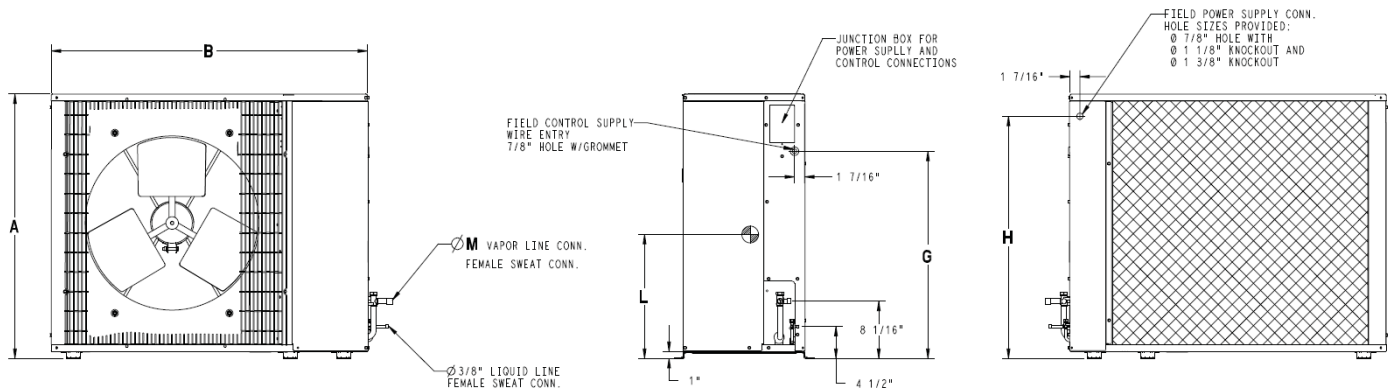
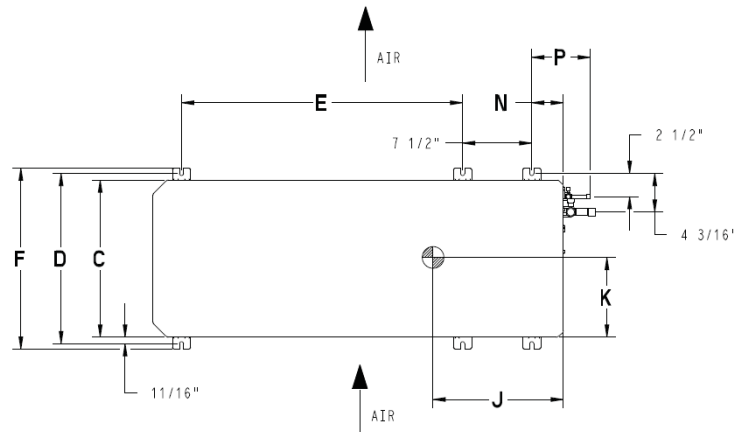
# Construction View

Indoor Unit 40MKQB34C--3

Outdoor Unit 25HHA436A006/224AES036000



| Unit Size       | Height (H)<br>in. (mm) | Width (W)<br>in. (mm) | Depth (D)<br>in. (mm) | Operating Weight<br>lb (kg) |
|-----------------|------------------------|-----------------------|-----------------------|-----------------------------|
| 34              | 33.1 (840)             | 33.1 (840)            | 11.3 (287)            | 68.6 (31.1)                 |
| Cassette Grille | 37.4 (950)             | 37.4 (950)            | 2.2 (55)              | 11.0 (5)                    |



| Unit Size | A             | B              | C             | D             | E             | F             | G             | H             | J             | K            | L             | M           | N           | P            | Operating Weight<br>lb (kg) |
|-----------|---------------|----------------|---------------|---------------|---------------|---------------|---------------|---------------|---------------|--------------|---------------|-------------|-------------|--------------|-----------------------------|
| 36        | 37.1<br>(943) | 44.5<br>(1130) | 17.1<br>(433) | 18.4<br>(468) | 30.5<br>(775) | 19.6<br>(498) | 29.1<br>(740) | 34.1<br>(865) | 13.7<br>(348) | 8.1<br>(206) | 15.9<br>(403) | 0.9<br>(22) | 3.4<br>(86) | 5.5<br>(140) | 197<br>(89)                 |

