

# Air Handler Heat Pump Ductless System

Indoor Model: **40MBABQ30XB3**

## Submittal Data

Job Data:  Location:

Buyer:  Buyer P.O. #:  Carrier #:

Unit Number:  Model Number:

Performance Data Certified By:  Date:



### STANDARD FEATURES

- Modes: Cool, Heat, Dry, Fan, Auto
- 4 way installation (Up flow, Down flow, Right, Left)
- New Aluminum Coil
- Automatic Airflow Technology with Static Pressure up to 0.8 inWG
- Less than 2% air leakage
- Easy Maintenance
- Quiet indoor operation
- Aluminum Hydrophilic pre-coated fins

### Controls:

- Wireless Remote Controller included with indoor unit
- 24V Interface for third party thermostat compatibility built-in

### LIMITED WARRANTY\*

- 10 year limited to original purchaser on compressor and parts upon timely registration, otherwise 5 years
- \*For residential applications. See warranty for full details.

|                 |  |                                       |               |
|-----------------|--|---------------------------------------|---------------|
| System          | Size   | 30                                    |               |
|                 | Indoor Model                                   | 40MBABQ30XB3                          |               |
| Electrical      | Voltage, Phase, Cycle                          | V/Ph/Hz                               | 208/230-1-60  |
|                 | Power Supply                                   | Indoor unit powered from outdoor unit |               |
|                 | MCA  | A.                                    | 4.5           |
| Controls        | Wireless Remote Controller (°F/°C Convertible) | Standard                              |               |
|                 | Wired Remote Controller (°F/°C Convertible)    | Standard                              |               |
| Operating Range | Cooling Indoor DB Min -Max                     | ° F (° C)                             | 60~90 (16~32) |
|                 | Heating Indoor DB Min -Max                     | ° F (° C)                             | 32~86 (0~30)  |
| Piping          | Pipe Connection Size - Liquid                  | in (mm)                               | 3/8 (9.52)    |
|                 | Pipe Connection Size - Suction                 | in (mm)                               | 5/8 (16)      |

|                            |                                      |            |                     |  |
|----------------------------|--------------------------------------|------------|---------------------|--|
| Indoor Coil                | Face Area                            | Sq. Ft.    | 4.88                |  |
|                            | No. Rows                             | 4          |                     |  |
|                            | Fins per inch                        | 20         |                     |  |
|                            | Circuits                             | 10         |                     |  |
| Indoor                     | Unit Width                           | in (mm)    | 21 (534)            |  |
|                            | Unit Height                          | in (mm)    | 49 (1245)           |  |
|                            | Unit Depth                           | in (mm)    | 21 (534)            |  |
|                            | Net Weight                           | lbs (kg)   | 129.63 (58.8)       |  |
|                            | Number of Fan Speeds                 |            | 4                   |  |
|                            | Airflow (lowest to highest)          | CFM        | 712/806/894/1088    |  |
|                            | Cooling Sound Pressure (low to high) | dB(A)      | 35.8/38.1/40.4/42.7 |  |
|                            | Heating Sound Pressure (low to high) | dB(A)      | 28.1/33.1/39.3/42.4 |  |
| Max Static Pressure        | In.WG.                               | 0.8        |                     |  |
| Field Drain Pipe Size O.D. | in (mm)                              | 3/4 (19.1) |                     |  |

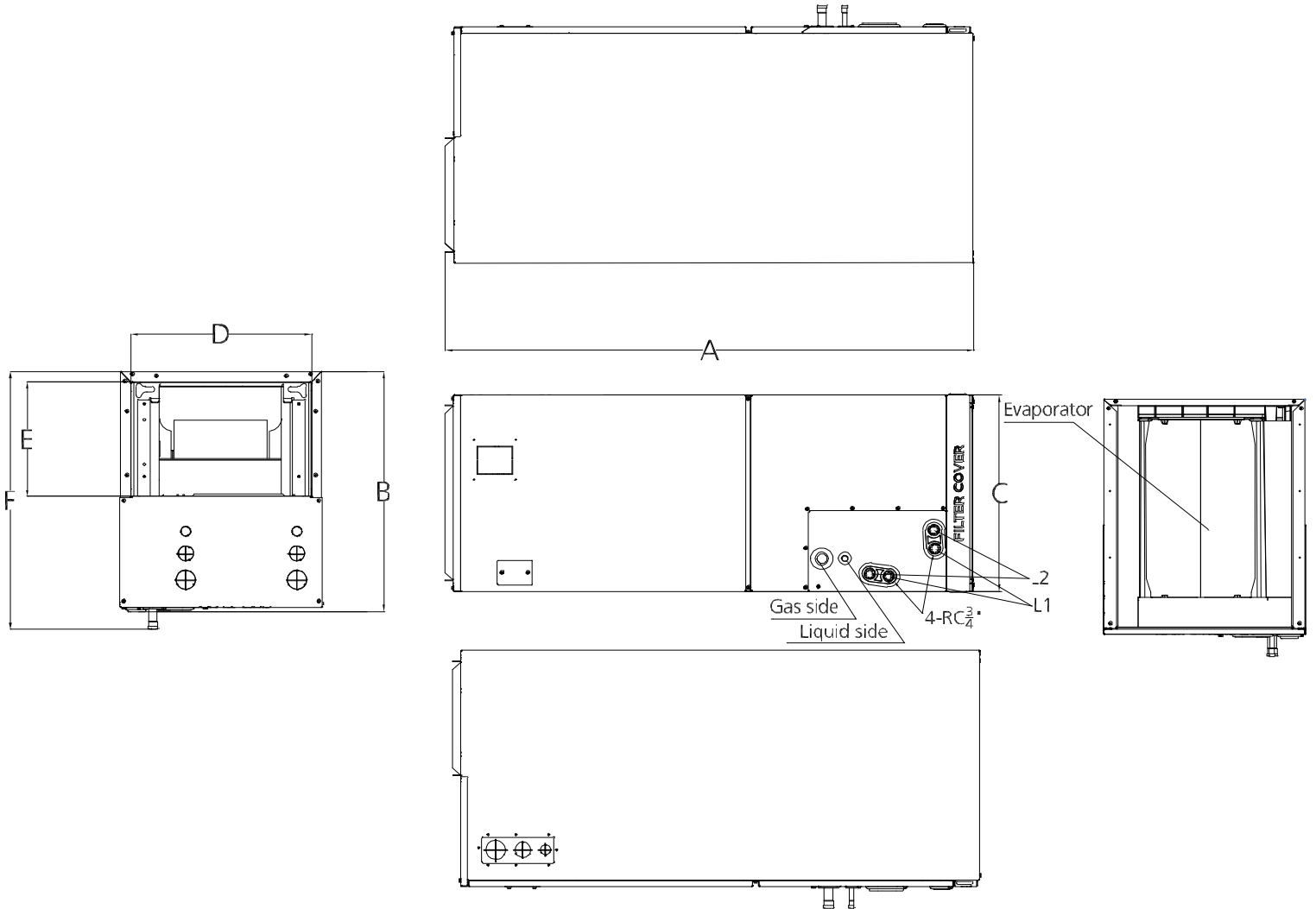
For compatible outdoor units see Compatibility Chart

Performance may vary based on the outdoor unit matched to. See compatible outdoor units pages for Performance Data.

# Accessories

|              |                        |
|--------------|------------------------|
| EHKMB05KN    | Electric Heater 5kW    |
| EHKMB08KN    | Electric Heater 8kW    |
| EHKMB10KN    | Electric Heater 10kW   |
| EHKMB15KN    | Electric Heater 15kW   |
| DGAPAXXX2020 | Infinity® Air Purifier |

## Construction View



| Model   | Dimensions |          |          |         |        |     | Drain hole |                |
|---------|------------|----------|----------|---------|--------|-----|------------|----------------|
|         | A(Height)  | B(Depth) | C(Width) | D       | E      | F   | L1         | L2             |
| 18k~24k | 1143       | 534      | 445      | 400     | 260    | 585 | Main drain | Overflow drain |
|         | 45         | 21       | 17-1/2   | 15-3/4  | 10-1/4 | 23  |            |                |
| 30k-48k | 1245       | 534      | 534      | 490     | 260    | 585 |            |                |
|         | 49         | 21       | 21       | 19-5/16 | 10-1/4 | 23  |            |                |
| 60k     | 1346       | 534      | 622      | 580     | 260    | 585 |            |                |
|         | 53         | 21       | 24-1/2   | 22-7/8  | 10-1/4 | 23  |            |                |

