

Ducted Style Heat Pump Ductless System

Indoor Model: 40MBDQ12---3

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
- Vertical or Horizontal Installation
- Rear or Bottom Return
- Outside Air Intake
- Condensate Lift pump shipped with the unit
- Follow Me (senses temperature at handheld remote)
- Heating Setback (46° F Heating Mode)
- Quiet indoor operation
- Anti-corrosive fin coating

Controls:

- Wireless Remote Controller included with indoor unit
- Optional Wired Remote Controller (Timer Function)
- Wired Remote Controller KSACN0501AAA (7 Day programmable) included with indoor unit

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                                           |              | 12            |
|                 | Indoor Model                                   |              | 40MBDQ12---3  |
| Electrical      | Voltage, Phase, Cycle                          | V/Ph/Hz      | 208/230-1-60  |
|                 | Power Supply                                   | 208/230-1-60 |               |
|                 | MCA                                            | A.           | 1.11          |
| Controls        | Wireless Remote Controller (°F/°C Convertible) |              | Standard      |
|                 | Wired Remote Controller (°F/°C Convertible)    |              | Standard      |
| Operating Range | Cooling Indoor DB Min -Max                     | ° F (° C)    | 63~90 (17~32) |
|                 | Heating Indoor DB Min -Max                     | ° F (° C)    | 32~86 (0~30)  |
| Piping          | Pipe Connection Size - Liquid                  | in (mm)      | 1/4 (6.35)    |
|                 | Pipe Connection Size - Suction                 | in (mm)      | 1/2 (12.7)    |

|             |                                    |          |              |
|-------------|------------------------------------|----------|--------------|
| Indoor Coil | Face Area (sq. ft.)                | Sq. Ft.  | 1.2          |
|             | No. Rows                           | 3        |              |
|             | Fins per inch                      | 18       |              |
|             | Circuits                           | 3        |              |
| Indoor      | Unit Width                         | in (mm)  | 27.559 (700) |
|             | Unit Height                        | in (mm)  | 7.874 (200)  |
|             | Unit Depth                         | in (mm)  | 19.92 (506)  |
|             | Net Weight                         | lbs (kg) | 43.56 (19.8) |
|             | Number of Fan Speeds               |          | 3            |
|             | Airflow (lowest to highest)        | CFM      | 211/295/397  |
|             | Sound Pressure (lowest to highest) | dB(A)    | 35/37/38     |
|             | Max Static Pressure                | In.WG.   | 0.2          |
|             | Field Drain Pipe Size O.D.         | in (mm)  | 1 (25.4)     |

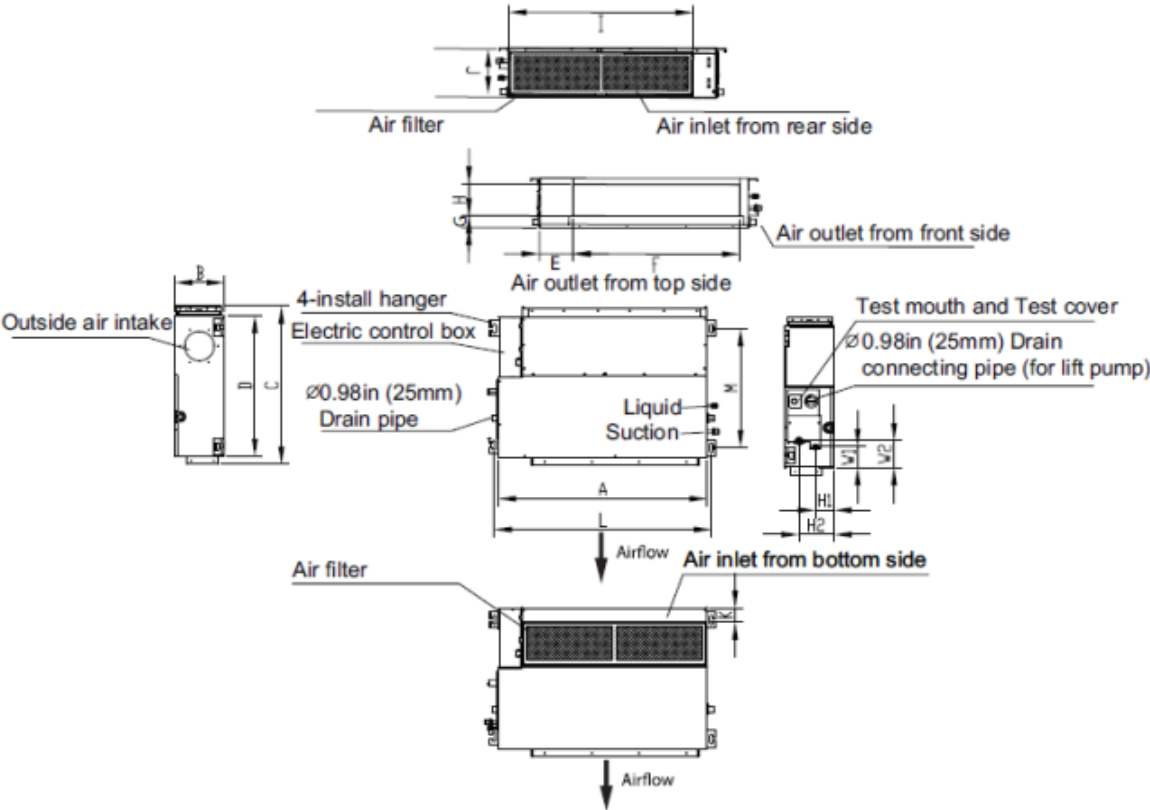
Performance may vary based on the outdoor unit matched to. See compatible outdoor units pages for Performance Data.

For Compatibility See Product Data

Accessories

|                |                                                               |
|----------------|---------------------------------------------------------------|
| KSACN0101AAA   | Optional Wired Remote Control with Timer Function             |
| KSACN0501AAA   | Shipped with the unit Wired Remote Control 7 day Programmable |
| KSAIF0401AAA   | Wi-Fi™ Kit                                                    |
| KSAIC0101230   | 24V Interface Kit 208/230V                                    |
| 53DS-900---008 | Insulated 25' Line Set - 1/4" x 3/8"                          |
| 53DS-900---090 | Wireless Remote Control Locking Mount Kit                     |

Construction View



|                  |              | Unit | inch | mm   |
|------------------|--------------|------|------|------|
| OUTLINE          | DIMENSIONS   | A    | 27.6 | 700  |
|                  |              | B    | 7.9  | 200  |
|                  |              | C    | 19.9 | 506  |
|                  |              | D    | 17.7 | 450  |
| AIR OUTLET       | OPENING SIZE | E    | 5.4  | 137  |
|                  |              | F    | 21.1 | 537  |
|                  |              | G    | 1.2  | 30   |
|                  |              | H    | 6    | 152  |
| AIR RETURN       | OPENING SIZE | I    | 23.6 | 599  |
|                  |              | J    | 7.3  | 186  |
|                  |              | K    | 2    | 50   |
|                  |              | L    | 29.2 | 741  |
| HANGER           | BRACKERS     | M    | 14.2 | 360  |
|                  |              | H1   | 3.3  | 84   |
|                  |              | H2   | 5.5  | 140  |
|                  |              | W1   | 3.3  | 84   |
| REFRIGERANT PIPE | LOCATIONS    | W2   | 3.3  | 84   |
|                  |              |      |      |      |
|                  |              |      |      |      |
|                  |              |      |      |      |
| OPERATING WEIGHT | lb (Kg)      |      | 40   | 18.1 |

