



|                      |             |
|----------------------|-------------|
| Job name:            | Date:       |
| Scheduled Reference: | Contractor: |

## System information



|                                                            |           |                             |
|------------------------------------------------------------|-----------|-----------------------------|
| AHRI number                                                | \         | 212361361                   |
| Outdoor Model                                              | \         | KU36UHO                     |
| Indoor Model                                               | \         | KCA24*I                     |
| <b>System Rating</b>                                       |           |                             |
| Cooling Capacity                                           | Btu/h     | 23400                       |
| Heating Capacity                                           | Btu/h     | 24000                       |
| Power Supply                                               | V         | 208-230V/1Ph/60Hz           |
| SEER2                                                      | \         | 15.2                        |
| EER2                                                       | \         | 11                          |
| HSPF2                                                      | \         | 8.5                         |
| Gas Pipe                                                   | inch (mm) | 3/4 (19)                    |
| Liquid Pipe                                                | inch (mm) | 3/8 (9.52)                  |
| Standard Pipe Length                                       | ft (M)    | 24.6 (7.5)                  |
| MAX. refrigerant pipe length between Indoor and Outdoor    | ft (M)    | 164 (50)                    |
| MAX. Vertical Height difference between Indoor and Outdoor | ft (M)    | 49.2 (15)                   |
| Connection Method                                          | \         | Screw Connection (standard) |
| Refrigerant Type                                           | \         | R410A                       |



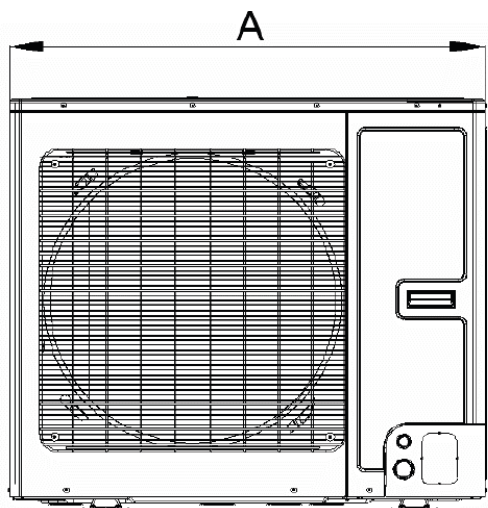
### Features:

- High efficiency DC Inverter Technology
- Compact and quiet side discharge unit
- Match with Kinghome or 3<sup>rd</sup> party indoor unit
- 24V thermostat compatible
- Low ambient cooling to 5F (-15C)
- Low ambient heating to -22F (-30C)

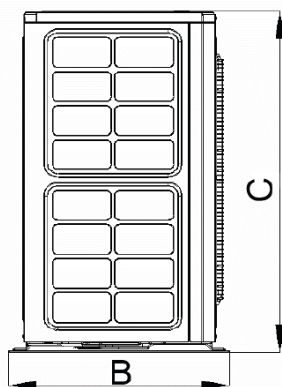
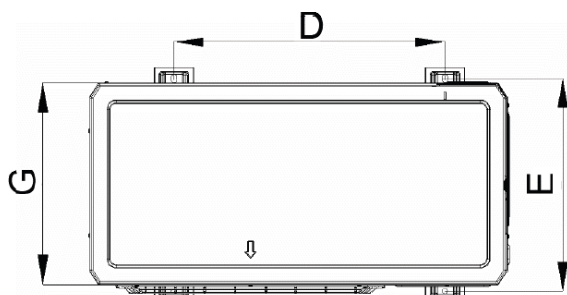




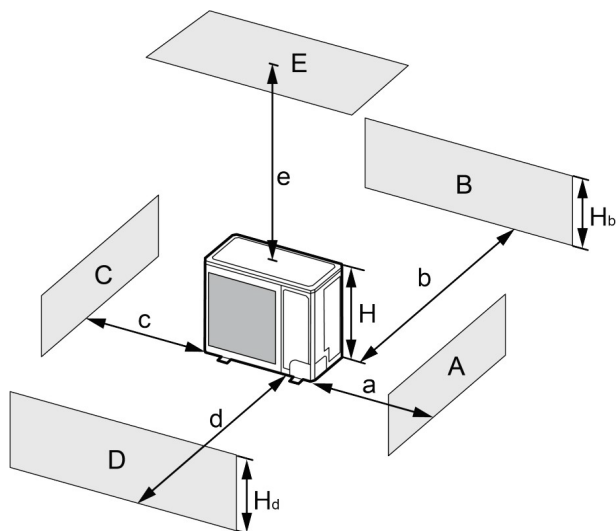
## Outdoor Data and Dimensions



| Outdoor Unit Data                 |           |                                           |
|-----------------------------------|-----------|-------------------------------------------|
| Sound Pressure Level              | dB(A)     | 62                                        |
| Min/Max Voltage                   | V         | 187-253                                   |
| Control Voltage                   | V         | 24                                        |
| Rated Current Cooling             | A         | 13                                        |
| Rated Current Heating             | A         | 17                                        |
| MCA                               | A         | 24                                        |
| MOP                               | A         | 35                                        |
| Dimension (HxWxD)                 | inch (mm) | 32 1/4 x 37 x 18 1/8<br>(820 x 940 x 460) |
| Net Weight                        | lb (Kg)   | 217.2 (98.5)                              |
| Gross Weight                      | lb (Kg)   | 240.3 (109)                               |
| Operating Temperature for Cooling | °F/°C     | 5~129.2 (-15~54)                          |
| Operating Temperature for Heating | °F/°C     | -22~75.2 (-30~24)                         |



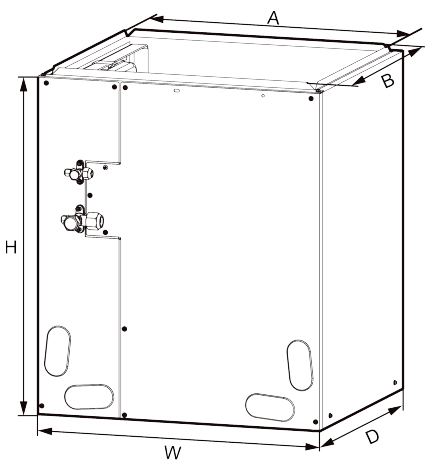
| Dimensions |        |
|------------|--------|
| A          | 37     |
| B          | 20 1/8 |
| C          | 32 1/4 |
| D          | 24     |
| E          | 19 1/8 |
| G          | 18 1/8 |



| A~E     | H <sub>b</sub>                  | H <sub>d</sub>            | H          | (in) |     |      |      |      |
|---------|---------------------------------|---------------------------|------------|------|-----|------|------|------|
|         |                                 |                           |            | a    | b   | c    | d    | e    |
| B       | —                               | —                         | —          | -    | ≥ 4 | -    | -    | -    |
| A,B,C,  | —                               | —                         | —          | ≥ 12 | ≥ 4 | ≥ 4  | -    | -    |
| B,E     | —                               | —                         | —          | -    | ≥ 4 | -    | -    | ≥ 40 |
| A,B,C,E | —                               | —                         | —          | ≥ 12 | ≥ 6 | ≥ 6  | -    | ≥ 40 |
| D       | —                               | —                         | —          | -    | -   | -    | ≥ 40 | -    |
| D,E     | —                               | —                         | —          | -    | -   | -    | ≥ 40 | ≥ 40 |
| B,D     | H <sub>b</sub> < H <sub>d</sub> | H <sub>d</sub> > H        | —          | ≥ 4  | -   | ≥ 40 | -    | -    |
|         | H <sub>b</sub> > H <sub>d</sub> | H <sub>d</sub> < H        | —          | ≥ 4  | -   | ≥ 40 | -    | -    |
| B,D,E   | H <sub>b</sub> < H <sub>d</sub> | H <sub>b</sub> ≤ 1/2H     | -          | ≥ 10 | -   | ≥ 80 | ≥ 40 | ≥ 40 |
|         |                                 | 1/2H < H <sub>b</sub> ≤ H | -          | ≥ 10 | -   | ≥ 80 | ≥ 40 | ≥ 40 |
|         |                                 | H <sub>b</sub> > H        | Prohibited |      |     |      |      |      |
|         | H <sub>b</sub> > H <sub>d</sub> | H <sub>d</sub> ≤ 1/2H     | -          | ≥ 4  | -   | ≥ 80 | ≥ 40 | ≥ 40 |
|         |                                 | 1/2H < H <sub>d</sub> ≤ H | -          | ≥ 8  | -   | ≥ 80 | ≥ 40 | ≥ 40 |
|         |                                 | H <sub>d</sub> > H        | Prohibited |      |     |      |      |      |



## Indoor data and Dimensions



| Indoor Unit Data                  |                         |                                           |
|-----------------------------------|-------------------------|-------------------------------------------|
| Air Flow Volume                   | CFM (m <sup>3</sup> /h) | 800 (1360)                                |
| ESP                               | in.w.g (Pa)             | 0.0~1.0 (0~250)                           |
| Evaporator Fin per Inch           | -                       | 18                                        |
| Evaporator Number of Circuit      | -                       | 12                                        |
| Throttling Method                 | -                       | Thermal Expansion Valve                   |
| Dimension (HxWxD)                 | inch (mm)               | 23 x 17 1/2 x 21 1/4<br>(584 x 445 x 540) |
| Refrigerant Type                  | -                       | R410A                                     |
| Refrigerant Charge                | oz(Kg)                  | 8.82 (0.25)                               |
| Net Weight                        | lb (Kg)                 | 64 (29)                                   |
| Gross Weight                      | lb (Kg)                 | 75 (34)                                   |
| Operating Temperature for Cooling | °F/°C                   | 64.4~80.6 (18~27)                         |

Unit: inch(mm)

| Model   | Dimension   |             |             |             |             |
|---------|-------------|-------------|-------------|-------------|-------------|
|         | W           | D           | H           | A           | B           |
| KCA24*I | 17-1/2(445) | 21-1/4(540) | 23(584)     | 15-7/8(403) | 19-3/8(492) |
| KCA36*I | 17-1/2(445) | 21-1/4(540) | 23(584)     | 15-7/8(403) | 19-3/8(492) |
| KCA48*I | 24-1/2(622) | 21-1/4(540) | 28-1/2(724) | 22-7/8(581) | 19-3/8(492) |
| KCA60*I | 24-1/2(622) | 21-1/4(540) | 28-1/2(724) | 22-7/8(581) | 19-3/8(492) |

Optional Smart thermostat bundle

WK-010WC1

WK-010WD1

