

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

## System information



|                                                            |           |                                      |
|------------------------------------------------------------|-----------|--------------------------------------|
| Outdoor Model                                              | \         | WLUD30W2/D-D(U)                      |
| Indoor Model                                               | \         | WLCAT36F/NaA                         |
| <b>System Rating</b>                                       |           |                                      |
| Cooling Capacity                                           | Btu/h     | 28600                                |
| Heating Capacity                                           | Btu/h     | 28600                                |
| Power Supply                                               | \         | 208-230V/1Ph/60Hz                    |
| SEER2                                                      | \         | 15.2                                 |
| EER2                                                       | \         | 10                                   |
| HSPF2                                                      | \         | 7.7                                  |
| 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)    | 98.4 (30)                            |
| MAX. Vertical Height difference between Indoor and Outdoor | ft (M)    | 49.2 (15)                            |
| Refrigerant Charge                                         | oz        | 77.6                                 |
| Connection Method                                          | \         | Screw Connection & Solder Connection |
| Refrigerant Type                                           | \         | R410A                                |



### Features:

High efficiency DC Inverter Technology

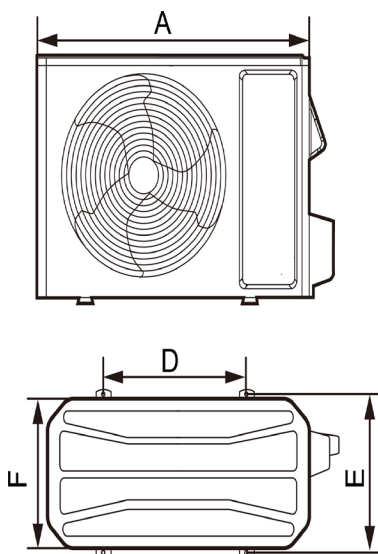
Compact and quiet side discharge unit

Match with TrueNorth or 3<sup>rd</sup> party indoor unit

24V thermostat compatible



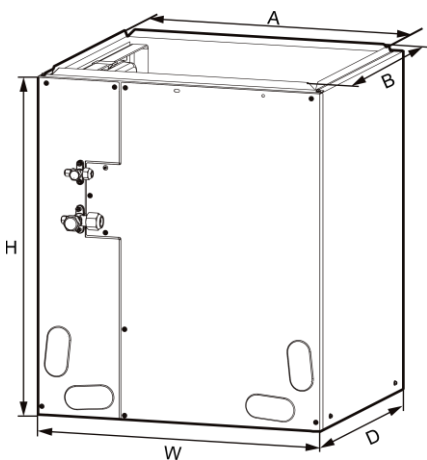
## Outdoor Data and Dimensions



| Outdoor Unit Data                 |           |                                              |
|-----------------------------------|-----------|----------------------------------------------|
| Sound Pressure Level              | dB(A)     | 58                                           |
| Min/Max Voltage                   | V         | 187-253                                      |
| Control Voltage                   | V         | 24                                           |
| Rated Current Cooling             | A         | 15.3                                         |
| Rated Current Heating             | A         | 16                                           |
| MCA                               | A         | 20.5                                         |
| MOP                               | A         | 35                                           |
| Dimension (HxWxD)                 | inch (mm) | 29 3/8 x 36 5/16 x 14 9/16 (746 x 923 x 370) |
| Net Weight                        | lb (Kg)   | 119 (54)                                     |
| Gross Weight                      | lb (Kg)   | 127.8 (58)                                   |
| Operating Temperature for Cooling | °F/°C     | 5~118.4 (-15~48)                             |
| Operating Temperature for Heating | °F/°C     | 5~75.2 (-15~75.2)                            |

| Dimensions      | A             | B              | C              | D             | E             | F             |
|-----------------|---------------|----------------|----------------|---------------|---------------|---------------|
| Model           |               |                |                |               |               |               |
| WLUD24W2/D-D(U) | 35 (889)      | 15-13/16 (402) | 25-7/8 (658)   | 22-7/16 (570) | 14-9/16 (370) | 13-3/8 (340)  |
| WLUD30W2/D-D(U) | 36-5/16 (923) | 16-13/16 (427) | 29-3/8 (746)   | 24 (610)      | 15-9/16 (396) | 14-9/16 (370) |
| WLUD36W2/D-D(U) |               |                |                |               |               |               |
| WLUD42W2/D-D(U) | 37-1/8 (943)  | 16-13/16 (427) | 32-1/2 (826)   | 25 (635)      | 15-9/16 (396) | 14-9/16 (370) |
| WLUD48W2/D-D(U) |               |                |                |               |               |               |
| WLUD60W2/D-D(U) | 39 (990)      | 16-13/16 (427) | 37-13/16 (960) | 29-3/4 (755)  | 15-9/16 (396) | 14-9/16 (370) |

## Indoor data and Dimensions



| Indoor Unit Data                  |                         |                                           |
|-----------------------------------|-------------------------|-------------------------------------------|
| Air Flow Volume                   | CFM (m <sup>3</sup> /h) | 1000 (1700)                               |
| 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           |
| WLCAT24F/NaA | 17-1/2(445) | 21-1/4(540) | 23(584)     | 15-7/8(403) | 19-3/8(492) |
| WLCAT36F/NaA | 17-1/2(445) | 21-1/4(540) | 23(584)     | 15-7/8(403) | 19-3/8(492) |
| WLCAT48H/NaA | 24-1/2(622) | 21-1/4(540) | 28-1/2(724) | 22-7/8(581) | 19-3/8(492) |
| WLCAT60H/NaA | 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

