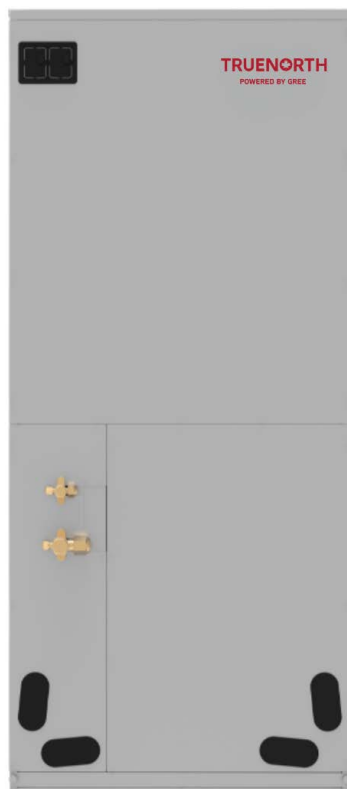


|                      |             |
|----------------------|-------------|
| Job name:            | Date:       |
| Scheduled Reference: | Contractor: |

## System information



|                                                            |           |                                      |
|------------------------------------------------------------|-----------|--------------------------------------|
| AHRI number                                                | \         | 217287921                            |
| Outdoor Model                                              | \         | WLUD36AH2/D-D(U)                     |
| Indoor Model                                               | \         | WLUD36W2/D-D(U)                      |
| <b>System Rating</b>                                       |           |                                      |
| Cooling Capacity                                           | Btu/h     | 34000                                |
| Heating Capacity                                           | Btu/h     | 34000                                |
| Power Supply                                               | \         | 208-230V/1Ph/60Hz                    |
| SEER2                                                      | \         | 15.5                                 |
| 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)    | 164 (50)                             |
| MAX. Vertical Height difference between Indoor and Outdoor | ft (M)    | 98.4 (30)                            |
| Refrigerant Charge                                         | oz        | 105.8                                |
| Connection Method                                          | \         | Screw Connection & Solder Connection |
| Refrigerant Type                                           | \         | R410A                                |



### Features:

High efficiency DC Inverter Technology

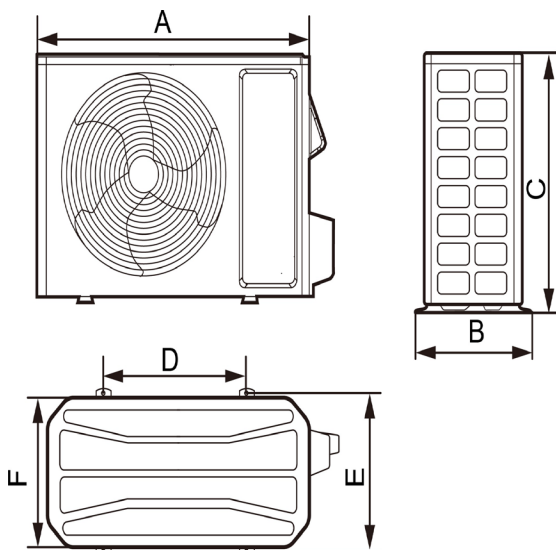
Compact and quiet side discharge unit

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

24V thermostat compatible

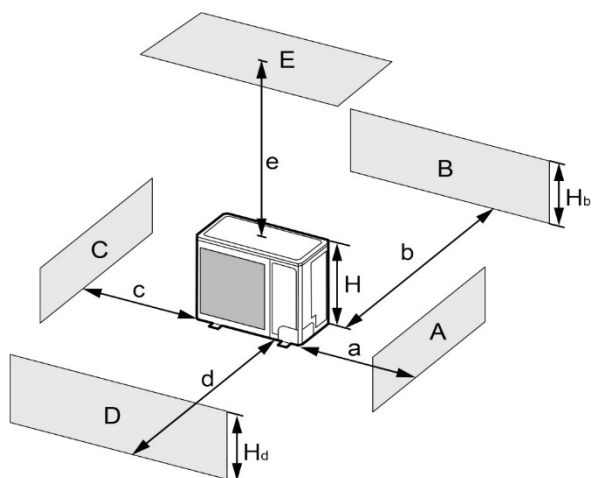


## Outdoor Data and Dimensions



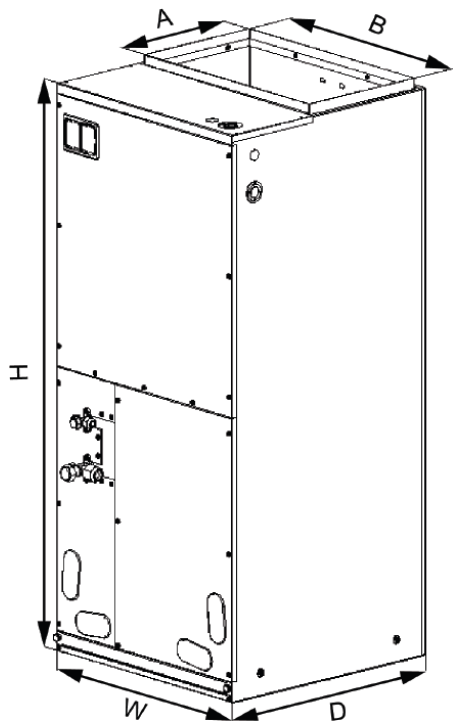
| Outdoor Unit Data                 |           |                                              |
|-----------------------------------|-----------|----------------------------------------------|
| Sound Pressure Level              | dB(A)     | 60                                           |
| Min/Max Voltage                   | V         | 187-253                                      |
| Control Voltage                   | V         | 24                                           |
| Rated Current Cooling             | A         | 20                                           |
| Rated Current Heating             | A         | 20                                           |
| MCA                               | A         | 24                                           |
| MOP                               | A         | 40                                           |
| Dimension (HxWxD)                 | inch (mm) | 29 3/8 x 36 5/16 x 14 9/16 (746 x 923 x 370) |
| Net Weight                        | lb (Kg)   | 132.5 (60.1)                                 |
| Gross Weight                      | lb (Kg)   | 141.7 (64.3)                                 |
| 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) |



| 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 |
|         |                                 | 1/2H < H <sub>b</sub> ≤ H | —          | -    | ≥ 10 | -   | ≥ 80 | ≥ 40 |
|         | H <sub>b</sub> > H <sub>d</sub> | H <sub>b</sub> > H        | Prohibited |      |      |     |      |      |
|         |                                 | H <sub>d</sub> ≤ 1/2H     | -          | ≥ 4  | -    | -   | ≥ 80 | ≥ 40 |
|         |                                 | 1/2H < H <sub>d</sub> ≤ H | -          | ≥ 8  | -    | -   | ≥ 80 | ≥ 40 |
|         |                                 | H <sub>d</sub> > H        | Prohibited |      |      |     |      |      |

## Indoor Data and Dimensions



| Indoor Unit Data                      |                         |                                              |
|---------------------------------------|-------------------------|----------------------------------------------|
| Air Flow Volume                       | CFM (m <sup>3</sup> /h) | 1050 (1785)                                  |
| ESP                                   | in.w.g (Pa)             | 0.0~1.0 (0~250)                              |
| Sound Pressure Level                  | dB(A)                   | 51                                           |
| Supplemental Electric Heat (Optional) | KW                      | (5) (8) (10)                                 |
| Dehumidification                      | pt/hr                   | 8.31                                         |
| Min/Max Voltage                       | V                       | 187-253                                      |
| Control Voltage                       | V                       | 24                                           |
| Rated Current Cooling                 | A                       | 1.82                                         |
| Rated Current Heating                 | A                       | 1.82                                         |
| MCA                                   | A                       | 3.2                                          |
| MOP                                   | A                       | 15                                           |
| MOP / Electric Heater                 | A                       | (30) (45) (60) 208-240V                      |
| Dimension (HxWxD)                     | inch (mm)               | 48 3/16 x 21 1/4 x 21 1/4 (1224 x 540 x 540) |
| Net Weight                            | lb (Kg)                 | 154.3 (70)                                   |
| Gross Weight                          | lb (Kg)                 | 167.6 (76)                                   |

| Model            | Dimension |        |         |        |        |
|------------------|-----------|--------|---------|--------|--------|
|                  | W         | D      | H       | A      | B      |
| WLUD24AH2/D-D(U) | 18-1/8    | 21-1/4 | 43-1/2  | 11-5/8 | 16-3/4 |
| WLUD30AH2/D-D(U) | (460)     | (540)  | (1105)  | (295)  | (426)  |
| WLUD36AH2/D-D(U) | 21-1/4    | 21-1/4 | 48-3/16 | 11-5/8 | 20     |
| WLUD42AH2/D-D(U) | (540)     | (540)  | (1224)  | (295)  | (508)  |
| WLUD48AH2/D-D(U) | 24-13/16  | 21-1/4 | 52      | 11-5/8 | 20     |
| WLUD60AH2/D-D(U) | (630)     | (540)  | (1320)  | (295)  | (508)  |

| Heat Kit Model | Electric Heat (kW) |       | Min. Circuit |           | Max. Fuse or Breaker |         |
|----------------|--------------------|-------|--------------|-----------|----------------------|---------|
|                | 240V               | 208V  | 240V         | 208V      | 240V                 | 208V    |
| BLR-5KW        | 5                  | 3.76  | 26           | 22.6      | 30                   | 25      |
| BLR-8KW        | 8                  | 6     | 41.7         | 36        | 45                   | 40      |
| BLR-10KW       | 10                 | 7.51  | 52           | 45        | 60                   | 45      |
| BLR-15KW       | 15                 | 11.25 | 52 & 26      | 45 & 22.6 | 60 & 30              | 45 & 25 |

### Optional Smart thermostat bundle

WK-010WC1

WK-010WD1

