

Job Name: \_\_\_\_\_

Location: \_\_\_\_\_

Engineer: \_\_\_\_\_

Submitted to: \_\_\_\_\_

Submitted by: \_\_\_\_\_

Reference: \_\_\_\_\_

Date: \_\_\_\_\_

Approval: \_\_\_\_\_

Construction: \_\_\_\_\_

Unit #: \_\_\_\_\_

Drawing #: \_\_\_\_\_

## KEY FEATURES:

- Fully-insulated cabinet, 2% or less air leakage rate.
- Multi-Stage blower Speed Control
- 4-position installation
- Dual front panel, volute and coil with slide track
- Easy-to-braze copper evaporator connection
- Advanced internal welding process to reduce corrosion
- R32 refrigerant sensor ensures safe operation.

## NOTES:

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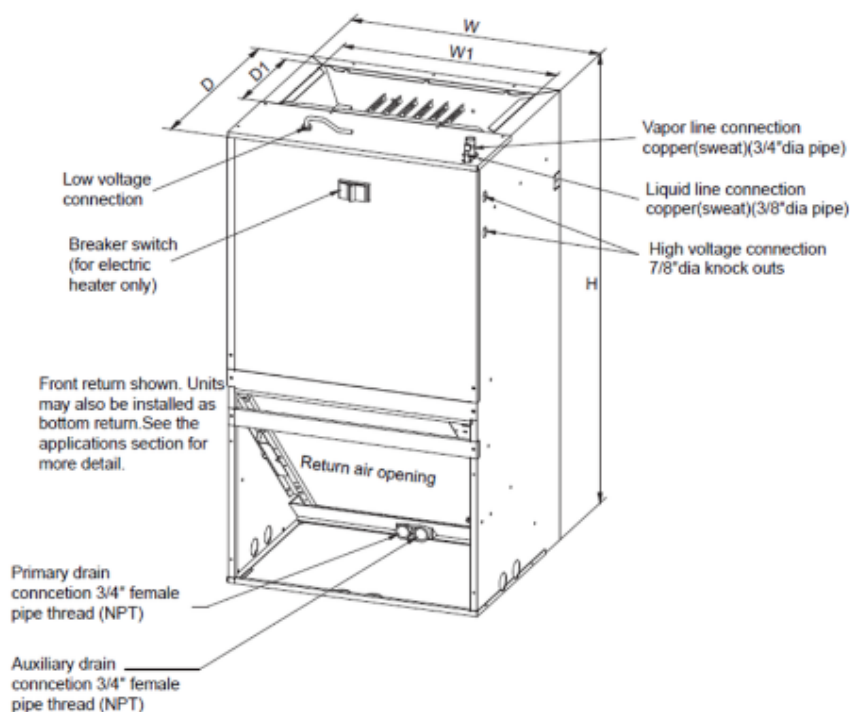
| Indoor Model                                |                    |           | CH-UC30AHUWM             |
|---------------------------------------------|--------------------|-----------|--------------------------|
| Power supply                                |                    | V, Ph, Hz | 208-230V, 1Ph, 60Hz      |
| Communication wiring                        |                    |           | AWG 16                   |
| Cooling                                     | Capacity           | Btu/h     | 28,000                   |
|                                             | Input              | w         | 2,393                    |
|                                             | Rated current      | A         | 11.51                    |
|                                             | EER2               | Btu/w     | 11.7                     |
|                                             | SEER2              | Btu/w     | 14.3                     |
| Heating at 47 °F                            | Capacity           | Btu/h     | /                        |
|                                             | Input              | W         | /                        |
|                                             | Rated current      | A         | /                        |
|                                             | COP                | W/W       | /                        |
|                                             | HSPF4/HSPF2-4      |           | /                        |
|                                             | HSPF5/HSPF2-5      |           | /                        |
| Indoor fan motor                            |                    | Qty       | 1                        |
|                                             |                    | Output W  | 373                      |
|                                             |                    | RLA       | /                        |
| Indoor air flow (Turbo/Hi/Med/Lo) (No duct) |                    | CFM       | 1,065                    |
| ESP (range)                                 |                    | In.wg.    | 0-0.6                    |
| Indoor noise level (Hi/Med/Lo)              |                    | dB(A)     | 53                       |
| Dehumidification                            |                    | L/H       | 5.42                     |
| Indoor unit                                 | Dimensions (WxDxH) | inch      | 22"x19"x39-1/2"          |
|                                             | Packing (WxDxH)    | inch      | 24-1/2"x21-4/5"x42-1/10" |
|                                             | Net/Gross weight   | lbs       | 107/121                  |
| Drainage water pipe diameter                |                    | inch      | 3/4"                     |
| Refrigerant piping (Liquid side/Gas side)   |                    | inch      | 3/8" 3/4"                |
| Design pressure                             |                    | PSIG      | 580/188                  |
| Controller                                  |                    |           | NO                       |
| Room temperature                            | Cooling            | F         | 57~118                   |
|                                             | Heating            | F         | /                        |

## Wall Mounted Air Handlers

### R32 Rotary Series

**14.3 SEER2**

**Cooling capacity: 18-36 kBTU/h**



| Model Size | Dimensions inch (mm)      |                          |                           |                           |                            | Unit Weight /Shipping Weight (kg)(LBS) |
|------------|---------------------------|--------------------------|---------------------------|---------------------------|----------------------------|----------------------------------------|
|            | Unit Height "H" inch (mm) | Unit Width "W" inch (mm) | Unit Width "W1" inch (mm) | Unit Length "D" inch (mm) | Unit Length "D1" inch (mm) |                                        |
| 18         | 36-1/2 (928)              | 20-2/3 (526)             | 17-1/2 (446)              | 15 (381)                  | 9-1/2 (242)                | 40.0/45.5 (88.2)/(100.3)               |
| 24         | 39-1/2 (1004)             | 22 (558)                 | 18-4/5 (478)              | 19 (483)                  | 9-1/2 (242)                | 48.5/55.0 (106.9)/(121.3)              |
| 30         | 39-1/2 (1004)             | 22 (558)                 | 18-4/5 (478)              | 19 (483)                  | 9-1/2 (242)                | 48.5/55.0 (106.9)/(121.3)              |
| 36         | 39-1/2 (1004)             | 22 (558)                 | 18-4/5 (478)              | 19 (483)                  | 9-1/2 (242)                | 48.5/55.0 (106.9)/(121.3)              |