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|---------------|--|
| Job Name:     |  |
| Submitted By: |  |



|                      |                                 |
|----------------------|---------------------------------|
| Submittal Sheet For: | DC048GCSICDHRT / YD4860GCSI18RD |
|----------------------|---------------------------------|

Date \_\_\_\_\_

Ref. \_\_\_\_\_

## Central Split Ducted 18SEER Inverter Heat Pump

System Full Set Model: **DYC048GCSI18RD**

AHRI Reference Number: **217048499**

### Cooling Mode Performance

|               |               |
|---------------|---------------|
| Rated Cooling | 47,500 BTU/hr |
| Ambient Range | 5°F ~ 131°F   |
| SEER Rating   | 17.5 BTU/W·h  |
| EER Rating    | 11.3 BTU/W·h  |

\* 100% Capacity @ Indoor DB 80°F/WB 67°F

### Heating Mode Performance

|               |               |
|---------------|---------------|
| Rated Heating | 48,000 BTU/hr |
| Ambient Range | -4°F ~ 86°F   |
| HSPF / HSPF2  | 9.0 BTU/W·h   |
| COP (5°F)     | 2.1 ( W/W)    |

\* High Heat (47°F) = 48,000 BTU / Low Heat (17°F) = 40,000 BTU



Central Split Ducted Indoor Unit



Outdoor Condensing Unit



Installation Kit



Thermostat

### Electrical Information

| Rated Input (W)          | Cooling                 | Heating |
|--------------------------|-------------------------|---------|
|                          | 4,145                   | 3,580   |
| Rated Current (A)        | 15.8                    | 15.8    |
| Minimum Circuit Ampacity | 25A(Outdoor)/5A(Indoor) |         |
| Power Supply             | 208~230V, 1Ph, 60Hz     |         |

### Piping and Refrigerant

|                         |                           |
|-------------------------|---------------------------|
| Liquid Line (OD)        | 3/8"                      |
| Suction Line (OD)       | 7/8"                      |
| Refrigerant Precharge   | R454b(Sweat-Type Lineset) |
| Max Length/Height Diff. | 100 ft. / 50 ft.          |

This combination is  
Energy-Star certified.

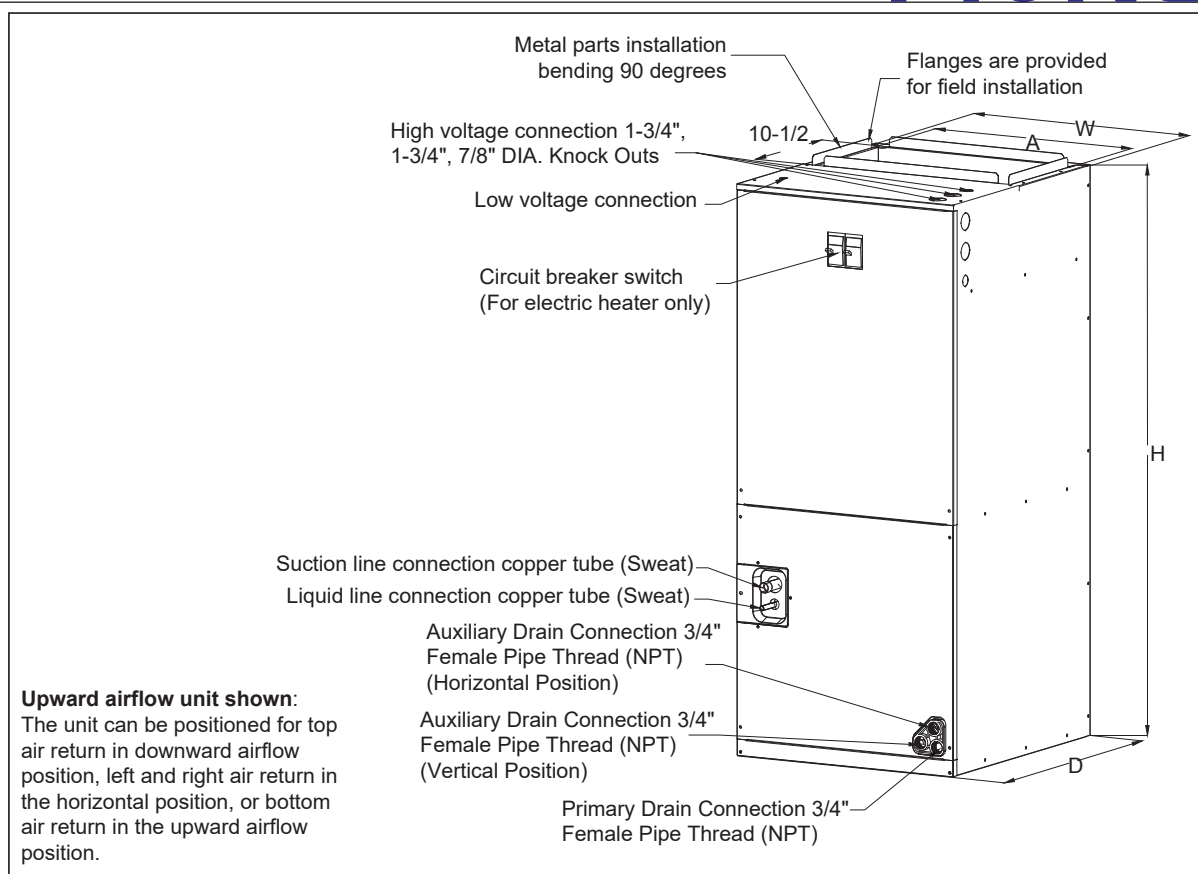


### Interior Unit (Air Handler) Specifications

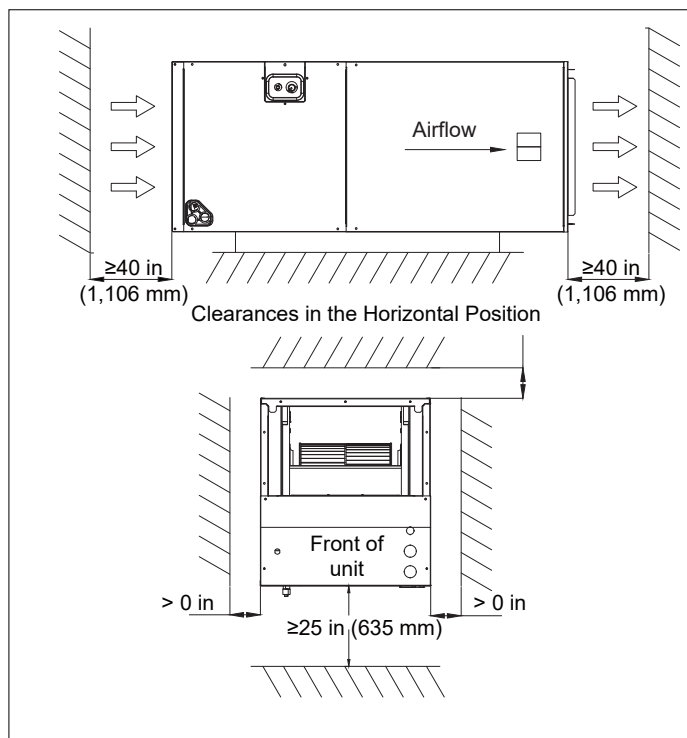
| Type                 | Heat Pump                           |
|----------------------|-------------------------------------|
| Sound Level (dBA)    | 59 (Hi) / 55 (Lo)                   |
| Auto Air Circulation | 2-Way Louver (Up-Down + Left-Right) |
| Dimensions (WDH)     | 22" x 24"-1/2 x 53"-1/8             |
| Weight (lbs)         | 169                                 |

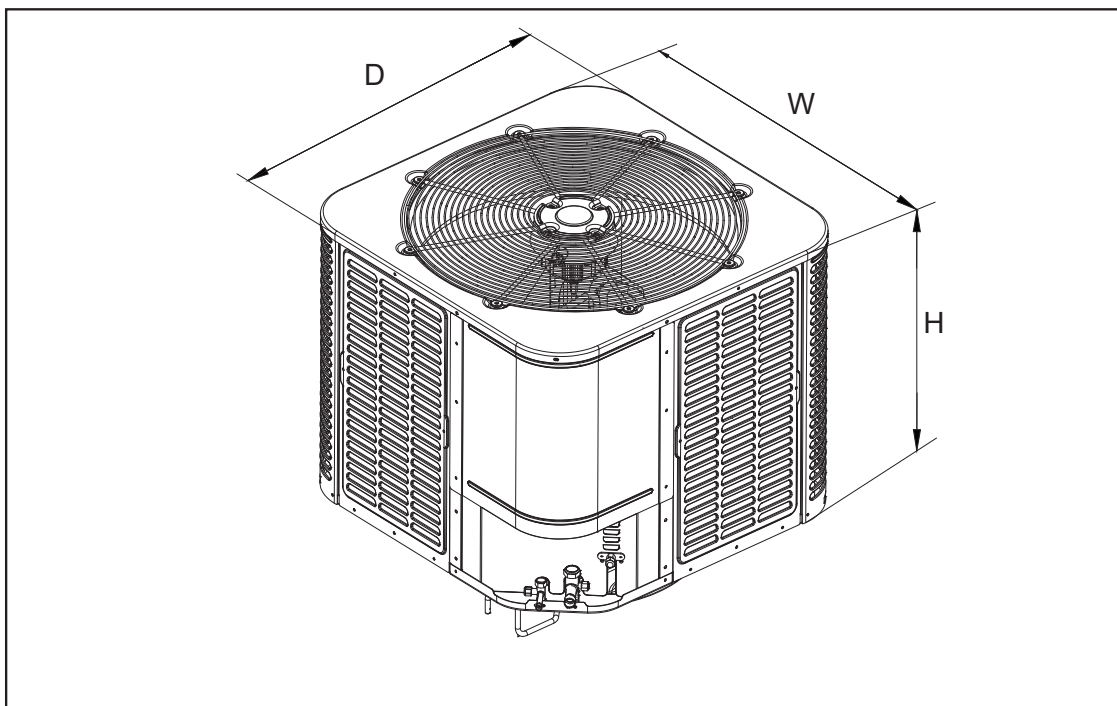
### Exterior Unit (Condenser) Specifications

|                   |                         |
|-------------------|-------------------------|
| Sound Level (dBA) | 76                      |
| Throttle Type     | EEV                     |
| Outdoor Fan Type  | DC                      |
| Compressor        | Twin-Rotary             |
| Dimensions (WDH)  | 29"-1/8 x 29"-1/8 x 32" |
| Weight (lbs)      | 187                     |



| Model      | Dimension Inches [mm] |                |                    |                    |                                  |
|------------|-----------------------|----------------|--------------------|--------------------|----------------------------------|
|            | Height "H"            | Width "W"      | Dimension "D"      | Air outlet "A"     | Liquid Line / Suction Line       |
| <b>48K</b> | 53-1/8 in [1,350 mm]  | 22 in [560 mm] | 24-1/2 in [623 mm] | 19-1/2 in [496 mm] | 3/8 in / 7/8 in [9.5 mm / 22 mm] |





| Unit Size | Dimensions   |
|-----------|--|
| Model     | W x D x H Inches (mm)                                |
| 48K       | 29-1/2 x 29-1/2 x 32-7/8 in (749.3 x 749.3 x 835 mm) |

### Warranty Information and Length



Complete warranty details are available with the vendor or online at <https://www.pdhvac.com/support/warranty/>. This high-quality system is eligible for up to a 5-year limited warranty on the compressor, and 5 years on other internal parts. To qualify for this warranty, the system must be installed within 90 days and registered properly. All other installations that are unregistered qualify for only 1-year parts/compressor warranty.

### Outstanding Features

- LED Display
- Energy Saving
- Ultra-Thin Design
- Dual Drain Options
- Customizable Timer
- Eco-Friendly Refrigerant
- Whisper-Quiet Operation
- Power Loss Memory Recovery

### Available Accessories

| Part Number      | Description                                |
|------------------|--|
| IKT-LCVR4P-KIT   | <i>Decorative PVC Line Cover Kit</i>       |
| IKT-LNBR-1/4-3/8 | <i>BendAid Flexible Easy Bender Kit</i>    |
| BRK-FRM-C-2P     | <i>Folding Mounting Bracket w/ Leveler</i> |
| IKT-UVL32UL-AG   | <i>UVC Bacterial Disinfection Kit</i>      |
| IKT-SURPRK-DV2   | <i>Ultimate Surge and Power Protection</i> |