

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



|                      |                                        |
|----------------------|----------------------------------------|
| Submittal Sheet For: | <b>DC024GCSICDHRT / YD2436GCSI18RD</b> |
|----------------------|----------------------------------------|

Date \_\_\_\_\_

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

**Central Split Ducted 20SEER Inverter Heat Pump**

System Full Set Model: **DYC024GCSI18RD**

AHRI Reference Number: **217048497**

**Cooling Mode Performance**

|               |               |
|---------------|---------------|
| Rated Cooling | 24,000 BTU/hr |
| Ambient Range | 5~131°F       |
| SEER2 Rating  | 20 BTU/W·h    |
| EER2 Rating   | 13.3 BTU/W·h  |

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

**Heating Mode Performance**

|               |               |
|---------------|---------------|
| Rated Heating | 24,000 BTU/hr |
| Ambient Range | -4~86°F       |
| HSPF2 IV      | 9.4 BTU/W·h   |
| COP (5°F)     | 2.1 W/W       |

\* High Heat (47°F) = 24,000 BTU / Low Heat (17°F) = 19,200 BTU



Central Split Ducted Indoor Unit



Outdoor Condensing Unit



Installation Kit



Thermostat

**Electrical Information**

| Rated Input (W)          | Cooling                     | Heating |
|--------------------------|-----------------------------|---------|
|                          | 1,819                       | 1,957   |
| Rated Current (A)        | 10.0                        | 10.0    |
| Minimum Circuit Ampacity | 15A (Outdoor) / 4A (Indoor) |         |
| Power Supply             | 208~230V, 1Ph, 60Hz         |         |

**Piping and Refrigerant**

|                         |                             |
|-------------------------|-----------------------------|
| Liquid Line (OD)        | 3/8 in                      |
| Suction Line (OD)       | 3/4 in                      |
| Refrigerant Precharge   | R-454b (Sweat-Type Lineset) |
| Max Length/Height Diff. | 100 ft. / 50 ft.            |

This combination is  
Energy-Star certified.

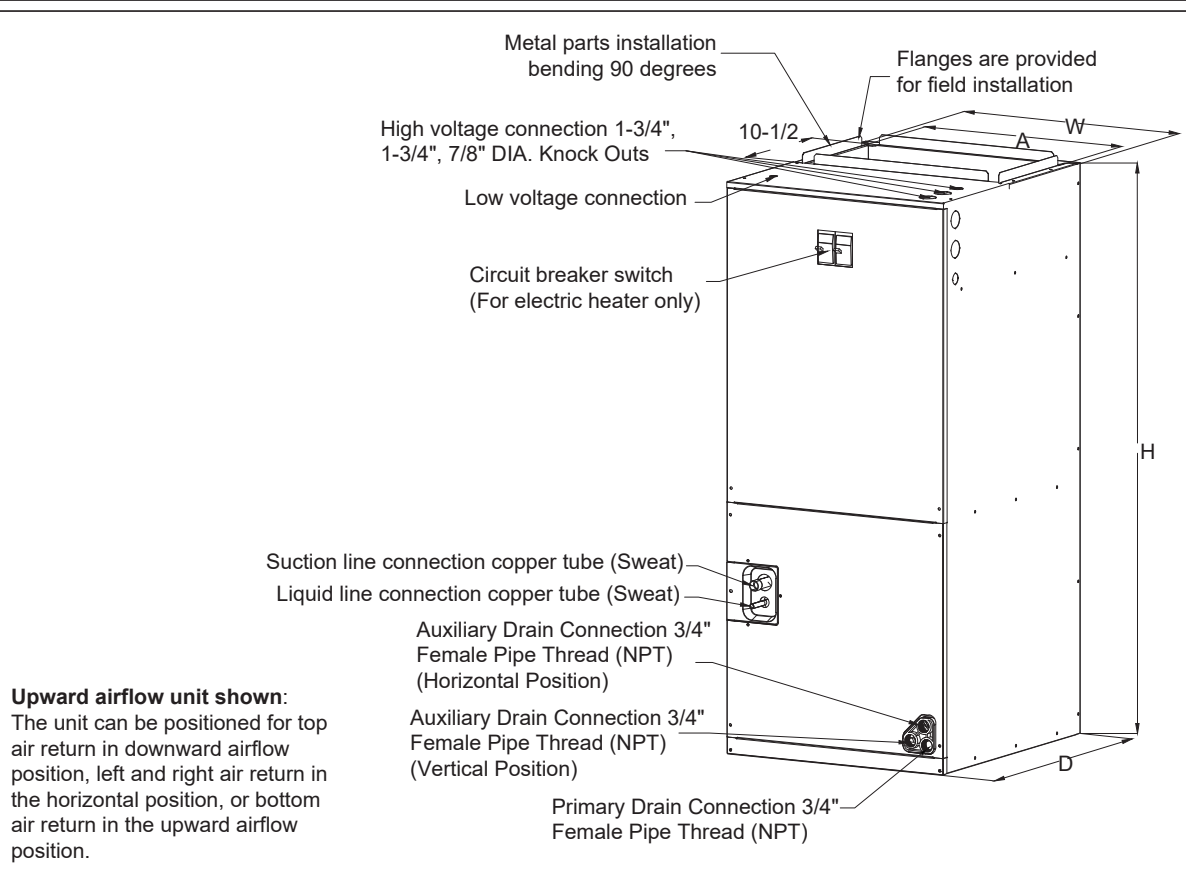


**Interior Unit (Air Handler) Specifications**

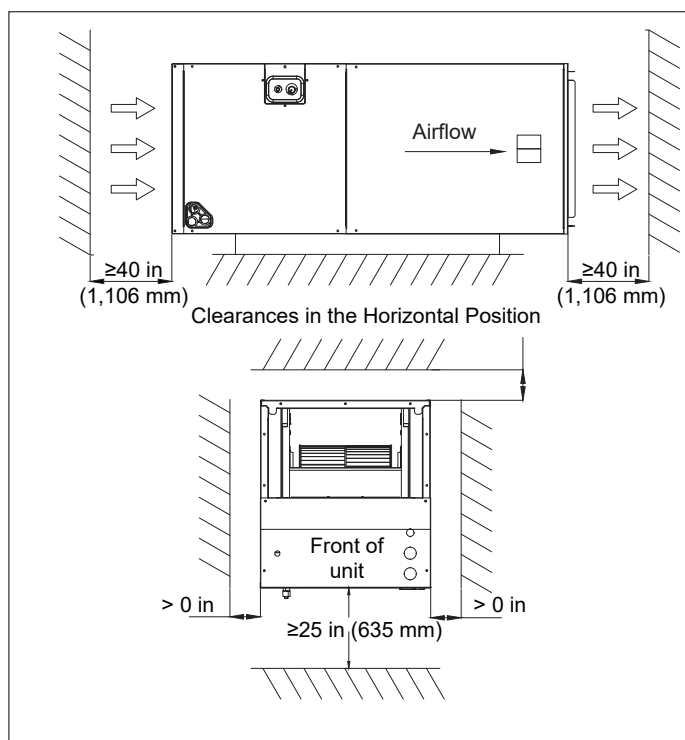
| Type                 | Heat Pump                           |
|----------------------|-------------------------------------|
| Sound Level (dBA)    | 51 (Hi) / 48 (Lo)                   |
| Auto Air Circulation | 2-Way Louver (Up-Down + Left-Right) |
| Dimensions (WDH)     | 19-5/8 in x 22 in x 45-3/4 in       |
| Weight (lbs)         | 130                                 |

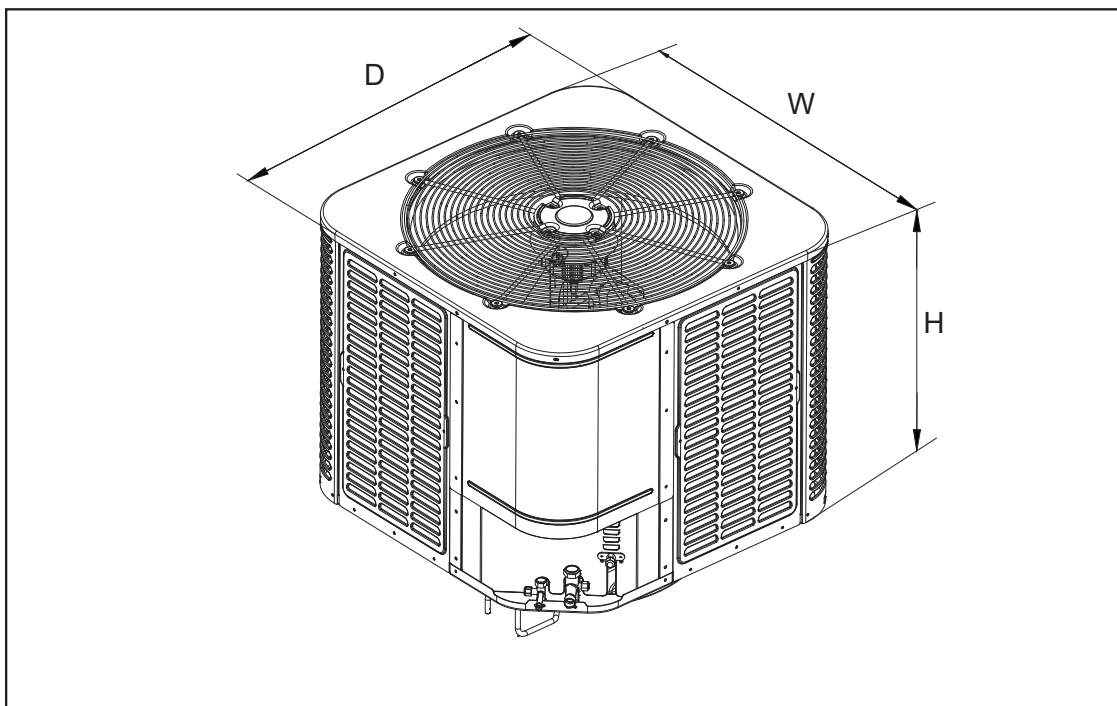
**Exterior Unit (Condenser) Specifications**

|                   |                               |
|-------------------|-------------------------------|
| Sound Level (dBA) | 76                            |
| Throttle Type     | EEV                           |
| Outdoor Fan Type  | DC                            |
| Compressor        | Twin-Rotary                   |
| Dimensions (WDH)  | 29-1/8 in x 29-1/8 in x 25 in |
| Weight (lbs)      | 137                           |



| Model      | Dimension Inches (mm) |                    |                |                    |                                  |
|------------|-----------------------|--------------------|----------------|--------------------|----------------------------------|
|            | Height "H"            | Width "W"          | Dimension "D"  | Air outlet "A"     | Liquid Line / Suction Line       |
| <b>24K</b> | 45-3/4 in (1,162 mm)  | 19-5/8 in (500 mm) | 22 in (560 mm) | 17-7/8 in (454 mm) | 3/8 in / 3/4 in (9.5 mm / 19 mm) |





| Unit Size  | Dimensions                                                   |
|------------|--------------------------------------------------------------|
| Model      | W x D x H inches (mm)                                        |
| <b>24K</b> | 29-1/2 in x 29-1/2 in x 25 in (749.3 mm x 749.3 mm x 635 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 10 years limited warranty on the compressor, and 7 years on other internal parts. To qualify for this warranty, the system must be installed within 90 days by a registered technician. All other installations that are registered default to 5 years parts/compressor. Products 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> |