

Job Name:	
Submitted By:	



Submittal Sheet For:	DC024GCSICDHRT / YD2436GCSI18RD
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Date \_\_\_\_\_

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

## Central Split Ducted 18SEER Inverter Heat Pump

System Full Set Model: **DYC024GCSI18RD**

AHRI Reference Number: **217048497**

### Cooling Mode Performance

Rated Cooling	24,000 BTU/hr
Ambient Range	5°F ~ 131°F
SEER Rating	20.0 BTU/W·h
EER 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°F ~ 86°F
HSPF / HSPF2	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"
Suction Line (OD)	3/4"
Refrigerant Precharge	R454b (Sweat-Type Lineset)
Max Length/Height Diff.	100 ft. / 50 ft.

This combination is  
Energy-Star certified.

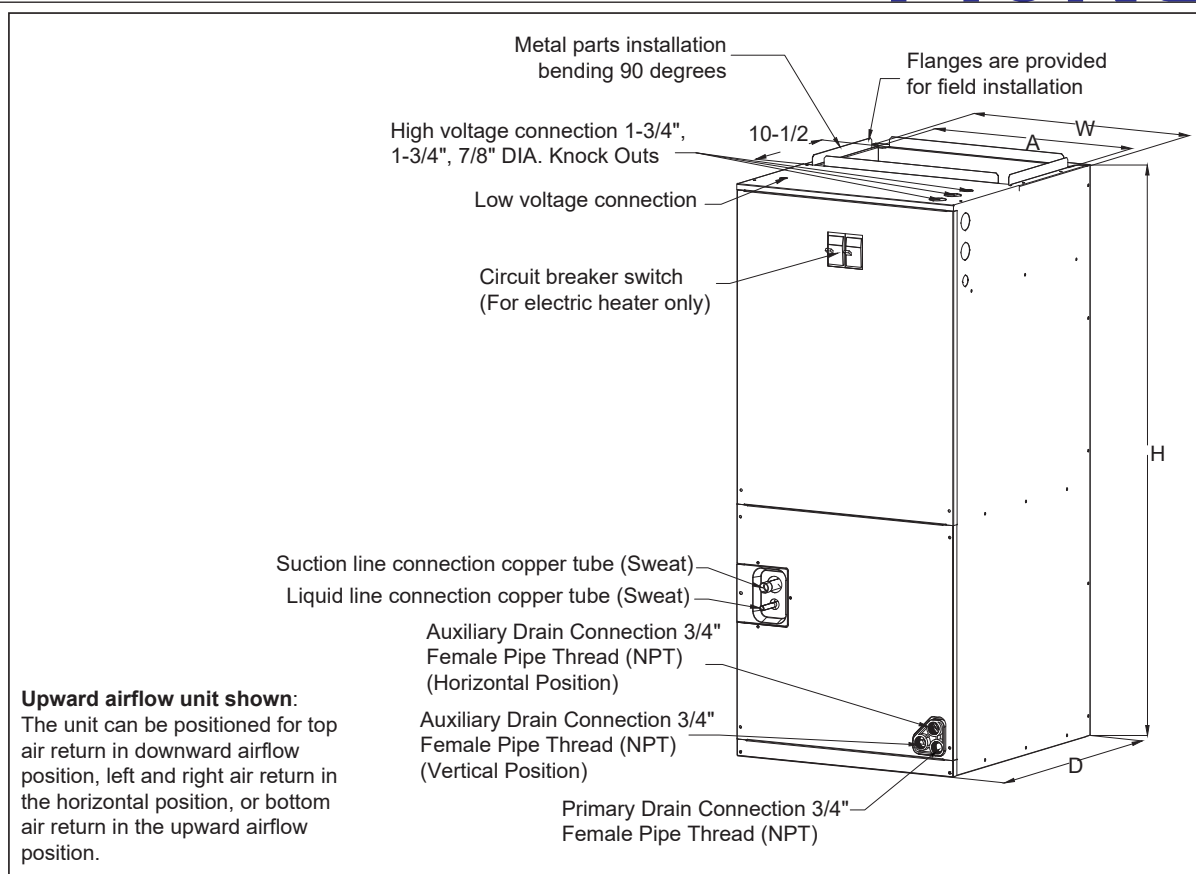


### Interior Unit (Air Handler) Specifications

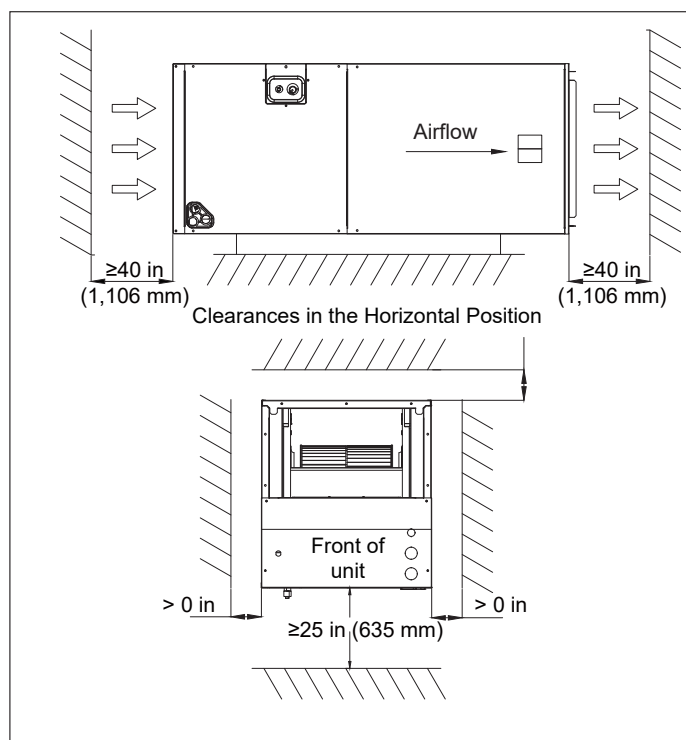
Type	Heat Pump
Sound Level (dBA)	51 (Hi) / 48 (Lo)
Auto Air Circulation	2-Way Louver (Up-Down + Left-Right)
Dimensions (WDH)	19"-5/8 x 22" x 45"-3/4
Weight (lbs)	130

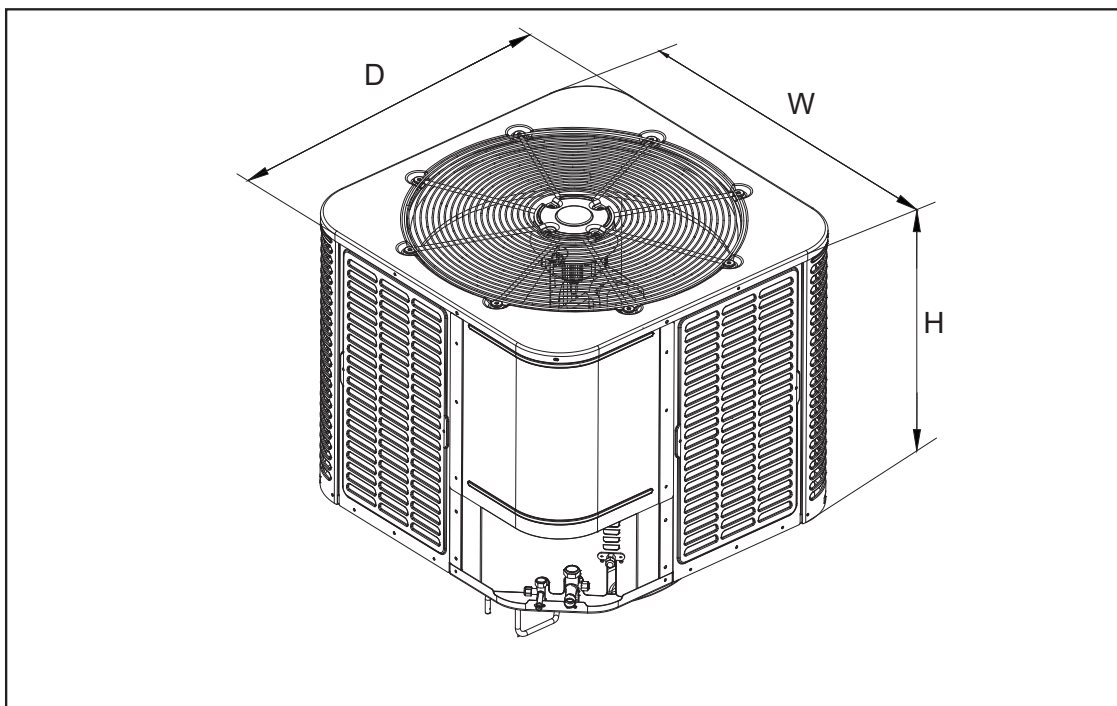
### Exterior Unit (Condenser) Specifications

Sound Level (dBA)	76
Throttle Type	EEV
Outdoor Fan Type	DC
Compressor	Twin-Rotary
Dimensions (WDH)	29"-1/8 x 29"-1/8 x 25"
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 x 29-1/2 x 25 in (749.3 x 749.3 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 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>