Job Name:	
Submitted By:	



Submittal Sheet For:

DC036GCSICDHRT / YD2436GCSI18RD

Date	 	
R⊿f		

Central Split Ducted 18SEER Inverter Heat Pump

System Full Set Model: <u>DYC036GCSI18RD</u>

AHRI Reference Number: 217048498

Cooling Mode Performance

Rated Cooling	34,000 BTU/hr
Ambient Range	5~131°F
SEER2 Rating	18.6 BTU/W·h
EER2 Rating	11.7 BTU/W·h

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

Heating Mode Performance

Rated Heating	34,200 BTU/hr
Ambient Range	-4~86°F
HSPF / HSPF2	9.0 BTU/W·h
COP (5°F)	2.1 (W/W)

*High Heat (47°F) = 34,200 BTU / Low Heat (17°F) = 24,000 BTU



Central Split Ducted Indoor Unit







Outdoor Condensing Unit



Thermostat

Electrical Information

Dated Innut (M)	Cooling	Heating
Rated Input (W)	2,864	2,997
Rated Current (A)	12.8	12.8
Minimum Circuit Ampacity 20A (Outdoor)/4A (Ind)/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-TypeLineset)
Max Length/Height Diff.	100 ft. / 50 ft.

This combination is Energy-Star certified.



Interior Unit (Air Handler) Specifications

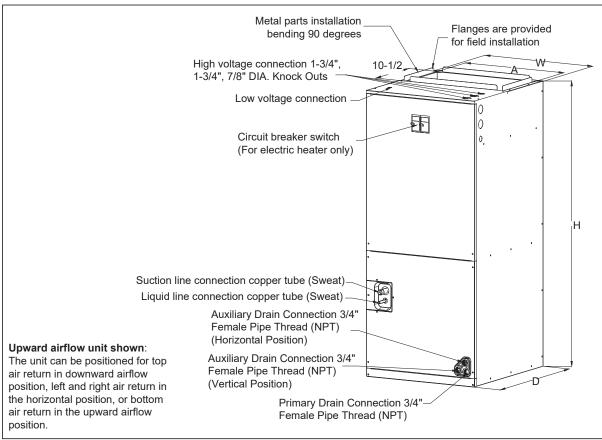
Туре	Heat Pump
Sound Level (dBA)	52 (Hi) / 49 (Lo)
Auto Air Circulation	2-Way Louver (Up-Down + Left-Right)
Dimensions (WDH)	19-5/8 in x 22 in x 45-3/4 in
Weight (lbs)	130

Exterior Unit (Condenser) Specifications

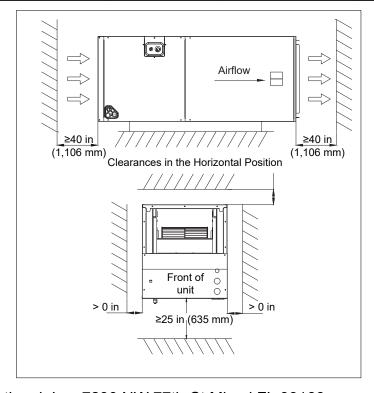
Sound Level (dBA)	79
Throttle Type	EEV
Outdoor Fan Type	DC
Compressor	Twin-Rotary
Dimensions (WDH)	29-1/8 in x 29-1/8 in x 25 in
Weight (lbs)	137

DC036GCSICDHRT Air Handler Dimensional Data



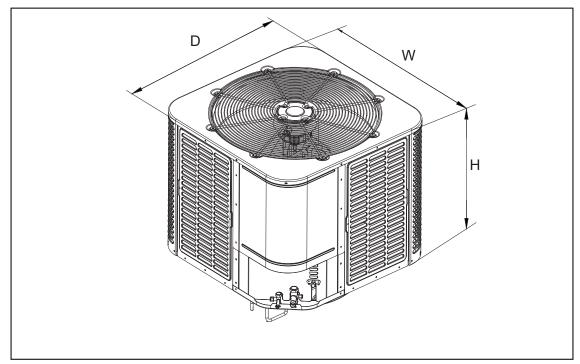


Model	Dimension Inches (mm)				
Model	Height "H"	Width "W"	Dimension "D"	Air outlet "A"	Liquid Line / Suction Line
36K	45-3/4 in (1,162 mm)	19-5/8 in (500 mm)	22 in (560 mm)	17-7/8 in (454 mm)	3/8 in / 3/4 in (9.5 mm / 19 mm)



YD2436GCSI18RD Condenser Unit Dimensional Data





Unit Size	Dimensions	
Model	W x D x H Inches (mm)	
24K	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	Decorative PVC Line Cover Kit
IKT-LNBR-1/4-3/8	BendAid Flexible Easy Bender Kit
BRK-FRM-C-2P	Folding Mounting Bracket w/ Leveler
IKT-UVL32UL-AG	UVC Bacterial Disinfection Kit
IKT-SURPRK-DV2	Ultimate Surge and Power Protection