

Job Name:	
Submitted By:	



Submittal Sheet For: YH3036GHFD18R2 / DR036GHFD18HT2

Date _____
 Ref. _____

Ducted Central Inverter Split AC Heat Pump (3 Ton)

System Full Set Model: **DYR3036GMFI18R**
 AHRI Reference Number: **207028595**

Cooling Mode Performance

Rated Cooling	34000 BTU/hr
Ambient Range	5°F ~ 122°F
SEER2 Rating	18.0 BTU/W·h
EER2 Rating	10.1 BTU/W·h

* 100% Capacity @ Indoor DB 80°F/WB 67°F / Outdoor DB 95°F/WB 75°F / m.w. 25'lineset

Heating Mode Performance

Rated Heating	35000 BTU/hr
Ambient Range	-13°F ~ 75°F
HSPF2 Region IV	9.5 BTU/W·h
COP	3.50 W/W

Med Heat (17°F) = 24000 BTU / Low Heat (5°F) = 26000 BTU / C.O.P. (5°F) = 2.05



Ducted Air Handler Unit



Outdoor Condensing Unit



10 kW Heater (w/ breaker)

Electrical Information

Rated Input (W)	Cooling	Heating
		3,610
Rated Current (A)	17.6	14.1
Breakers Needed	30A + 10A (2-pole)	
Power Supply	208~230V, 1Ph, 60Hz	

Interior Unit (Air Handler) Specifications

Airflow Rate (CFM)	1,120
Sound Level (dBA)	57.0
Throttle Type	Thermostatic Expansion Valve (TXV)
Dimensions (WDH)	19"-11/16 x 21"-5/8 x 46"-1/16
Weight (Lbs)	140.0

Piping and Refrigerant

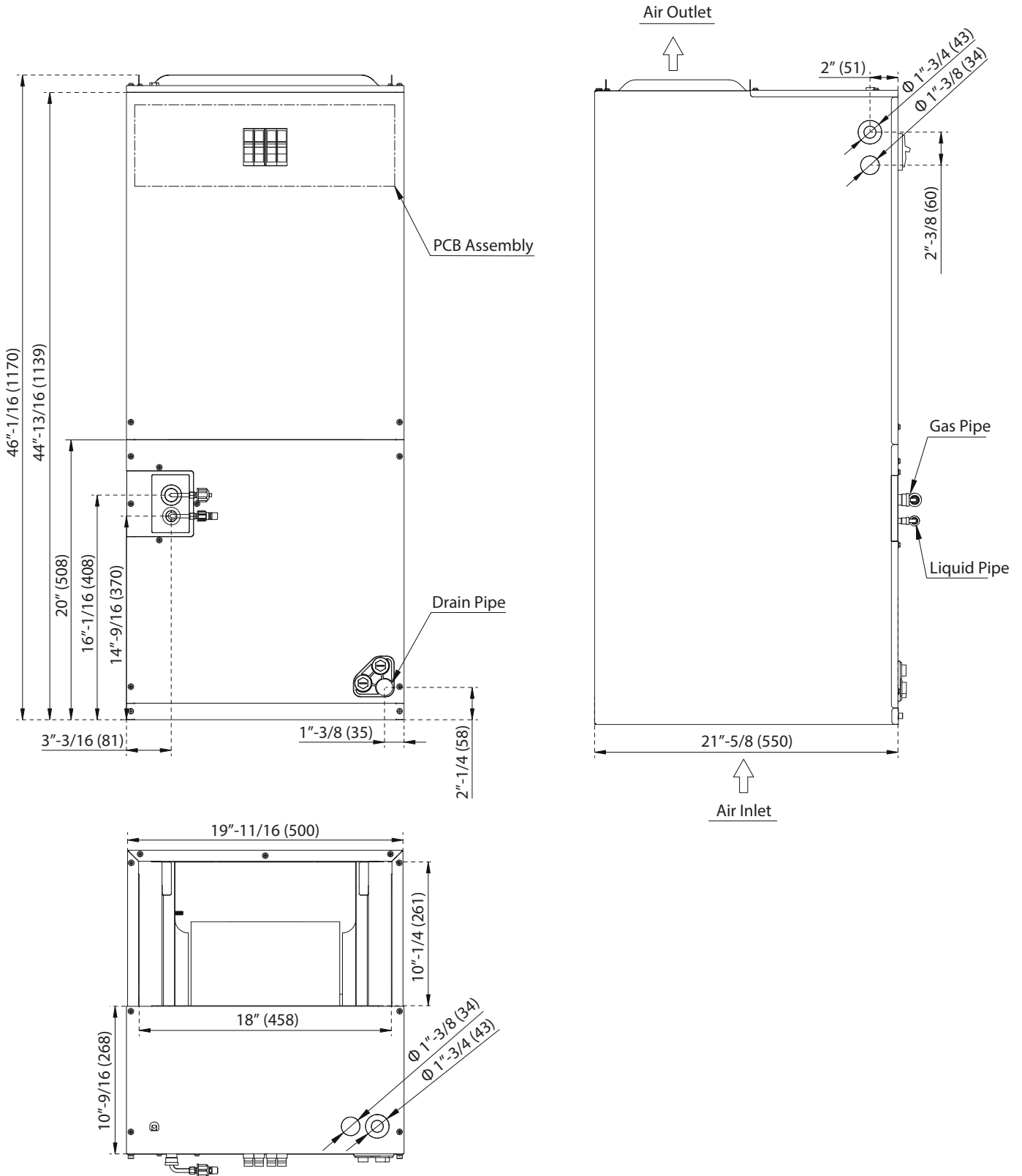
Liquid Line (OD)	3/8"
Suction Line (OD)	3/4"
Refrigerant Precharge	R410a (10 - 25 ft.)
Max Length/Height Diff.	246 Ft. / 98 Ft.

Exterior Unit (Condenser) Specifications

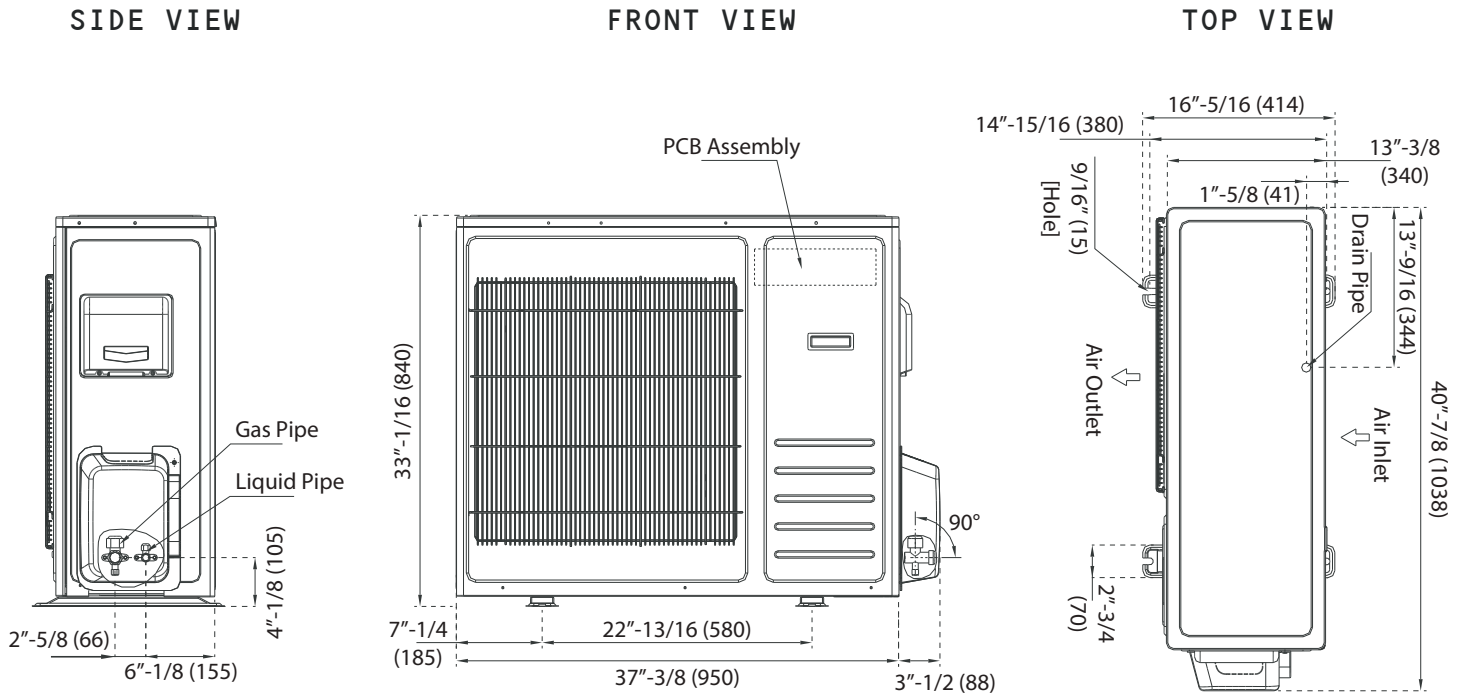
Airflow Rate (CFM)	2350
Sound Level (dBA)	57.0
Throttle Type	Electronic Expansion Valve (EXV)
Compressor	Twin Rotary
Dimensions (WDH)	37"-3/8 x 13"-3/8 x 33-1/16"
Weight (Lbs)	147.7

This combination is certified for the following marks:

DR036GHFD18HT2 Air Handler Dimensional Data



All dimensions are in Inches (mm)



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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 **5** years 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

- Uses any 24V Heat Pump Thermostat
- Extreme-Ambient Operation Range
- Downflow-Convertible Air Handler
- Communicating AHU+Condenser
- Inverter-Driven Compressor/PCB
- Powerful Static Pressure Output
- Side-Discharge Condenser Unit
- Ultra-Flexible Lineset Routing

Available Accessories

Part Number	Description
IKT-4WID2-LVCR	Decorative Wide PVC Line Cover Kit
BRK-FLR-GS-2P	Floor Stand Ground Mount Bracket
BRK-FRM-C-2P	Folding Mounting Bracket w/ Leveler
WTM0502BX	5kW Electric Heater w/ Breaker
@ICM517	Ultimate Surge and Power Protection