

Job Name:	
Submitted By:	



**Submittal Sheet For:** YH4248GHFD18R2 / DR048GHFD18HT2

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

**Ducted Central Inverter Split AC Heat Pump (4 Ton)**

System Full Set Model: **DYR4248GMFI18R**  
 AHRI Reference Number: **207028597**

**Cooling Mode Performance**

Rated Cooling	48000 BTU/hr
Ambient Range	5°F ~ 122°F
SEER2 Rating	17.5 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	47000 BTU/hr
Ambient Range	-13°F ~ 75°F
HSPF2 Region IV	8.5 BTU/W·h
COP	3.3 W/W

\* High Heat (47°F) = 47000 BTU / Low Heat (17°F) = 31000 BTU / C.O.P. (5°F) = 1.9



Ducted Air Handler Unit



Outdoor Condensing Unit



10 kW Heater (w/ breaker)

**Electrical Information**

Rated Input (W)	Cooling	Heating
	4,750	4,260
Rated Current (A)	21.8	19.5
Breakers Needed	40A + 15A (2-pole)	
Power Supply	208~230V, 1Ph, 60Hz	

**Piping and Refrigerant**

Liquid Line (OD)	3/8"
Suction Line (OD)	7/8"
Refrigerant Precharge	R410a (10 - 25 ft.)
Max Length/Height Diff.	246 Ft. / 98 Ft.

This combination is certified for the following marks:

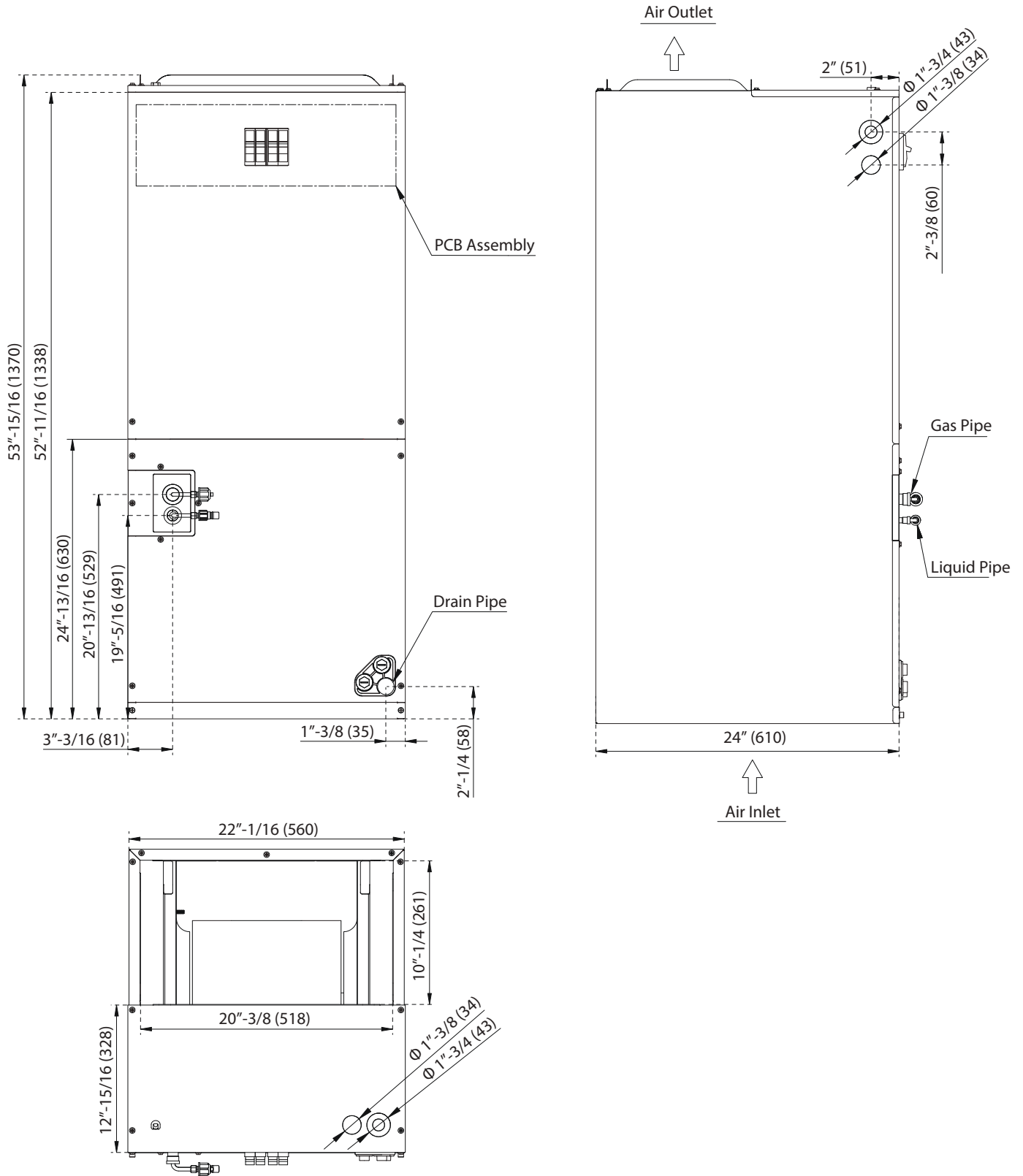
**Interior Unit (Air Handler) Specifications**

Airflow Rate (CFM)	1,588
Sound Level (dBA)	64.0
Throttle Type	Thermostatic Expansion Valve (TXV)
Dimensions (WDH)	22" x 24" x 53"-7/8
Weight (Lbs)	187.2

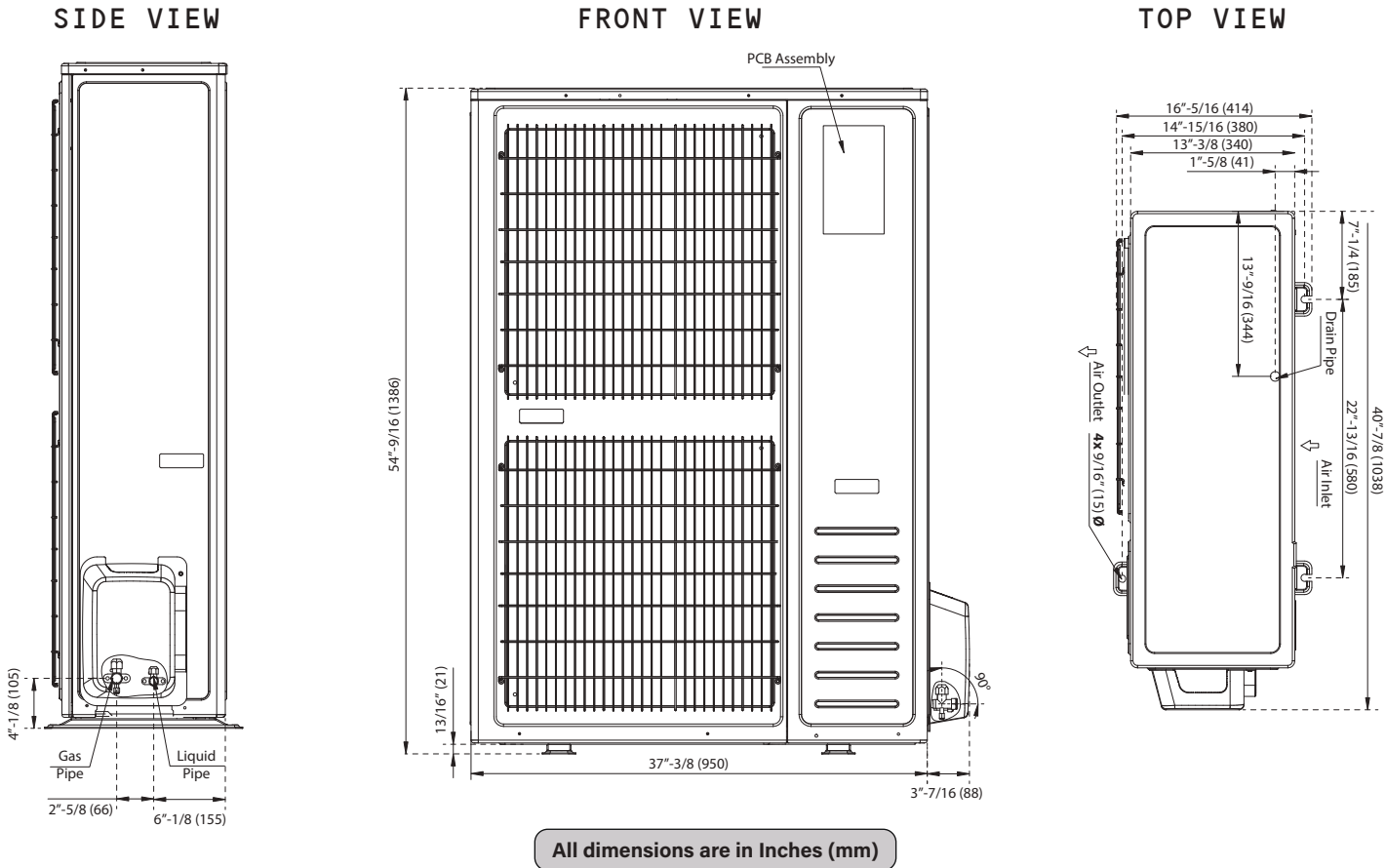
**Exterior Unit (Condenser) Specifications**

Airflow Rate (CFM)	3,525
Sound Level (dBA)	59.0
Throttle Type	Electronic Expansion Valve (EEV)
Compressor	Twin Rotary
Dimensions (WDH)	37"-3/8 x 13"-3/8 x 54-5/8"
Weight (Lbs)	227

# DR048GHFD18HT2 Air Handler Dimensional Data



All dimensions are in Inches (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 **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