

Job Name:	
Submitted By:	



**Submittal Sheet For: RB048GMSILDFHG / YN048GMSI20RUG**

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

**Slim-Duct Concealed 17SEER Inverter Heat Pump**

System Full Set Model: **RYP048GMSI20RL**

AHRI Reference Number: **218010994**

**Cooling Mode Performance**

Rated Cooling	48,000 BTU/hr
Ambient Range	5~131°F
SEER2 Rating	17.1 BTU/W·h
EER2 Rating	10.0 BTU/W·h

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

**Heating Mode Performance**

Rated Heating	50,000 BTU/hr
Ambient Range	-13~86°F
HSPF2 IV (V)	9.8 (7.7) BTU/W·h
COP2 (47°F)	3.49 W/W

Heating (17°F) = 46,400 BTU / Heating (5°F) = 38,000 BTU / COP2 (5°F) = 2.0 W/W



Slim-Duct Concealed Indoor Unit



Outdoor Condensing Unit



User-Selected Installation Kit



Handheld Remote Controller

**Electrical Information**

	Cooling	Heating
Rated Input (W)	4,800	4,200
Rated Current (A)	21.3	19.0
Breaker Needed	45A (Double-Pole)	
Power Supply	208~230V, 60Hz, 1Ph	

**Piping and Refrigerant**

Liquid Line (OD)	3/8 in
Suction Line (OD)	3/4 in
Refrigerant Precharge	R-454b(Supports 10-50 ft.)
Max Length/Height Diff.	250 ft. / 100 ft.

This combination is AHRI/ETL/ISO certified.

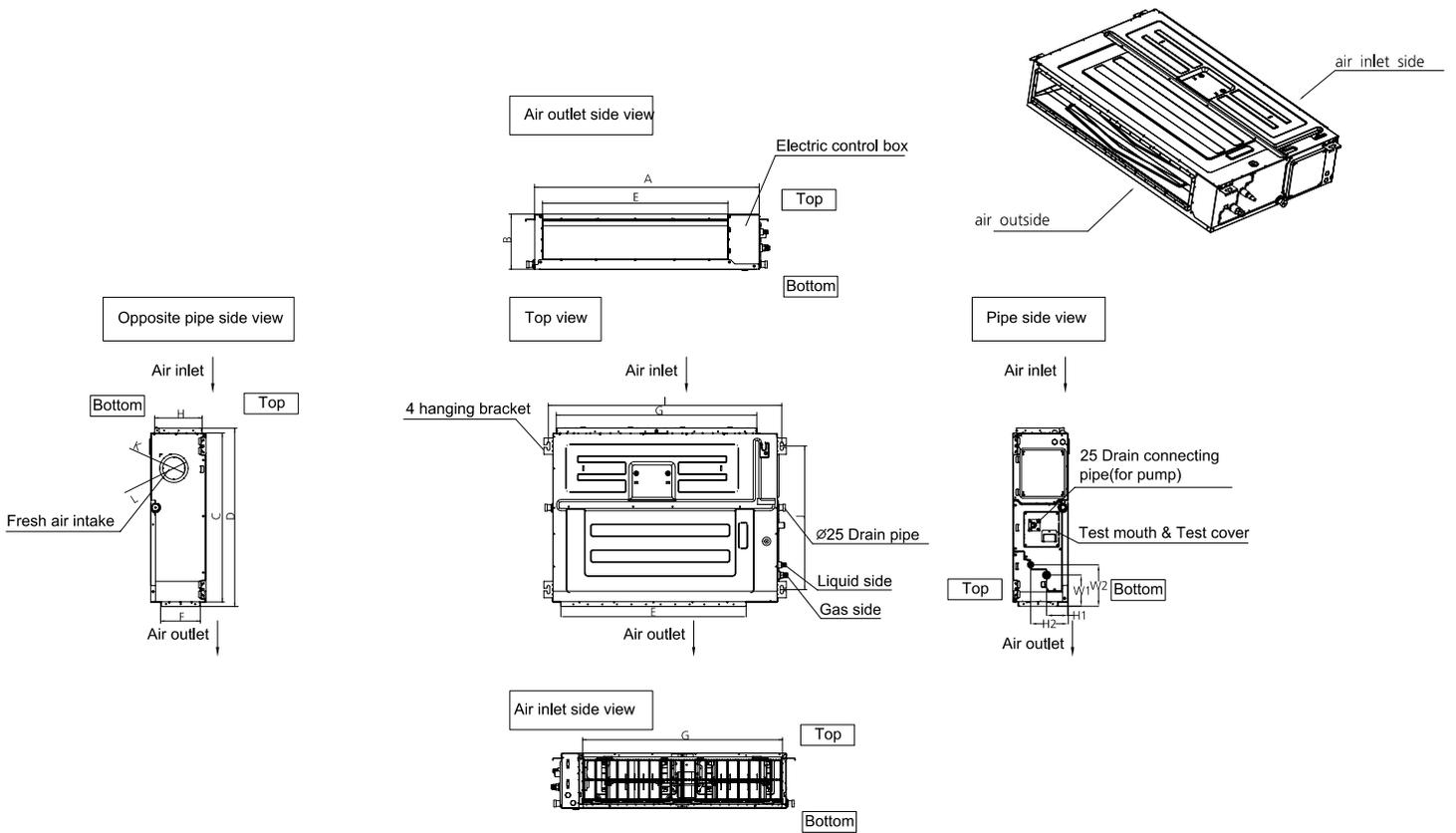


**Interior Unit (Air Handler) Specifications**

Type	Heat Pump
Sound Level (dBA)	51 (Hi) / 46 (Med) / 42 (Lo) / 40 (Mute)
Auto Air Circulation	2-Way Louver (Up-Down + Left-Right)
Dimensions (WDH)	47-1/4 in x 29-1/2 in x 11-7/8 in
Weight (lbs)	111.3

**Exterior Unit (Condenser) Specifications**

Sound Level (dBA)	64
Recommended Room Size	1,400~1,800 Sq. ft.
Minimum Room Size	143 Sq. ft.
Compressor	Inverter-Driven Rotary
Dimensions (WDH)	37-1/2 in x 16-3/8 in x 52-1/2 in
Weight (lbs)	208.8

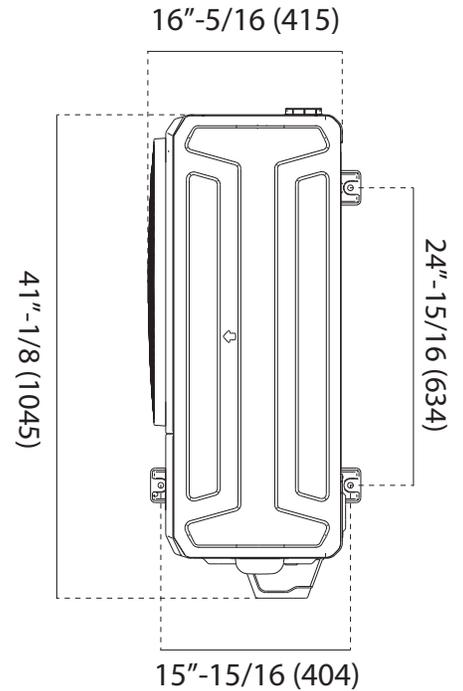
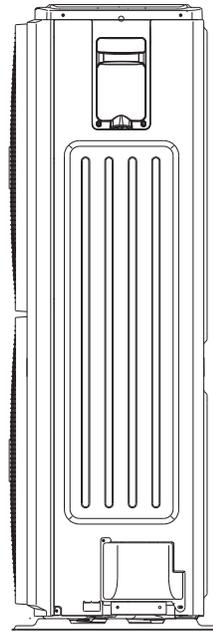
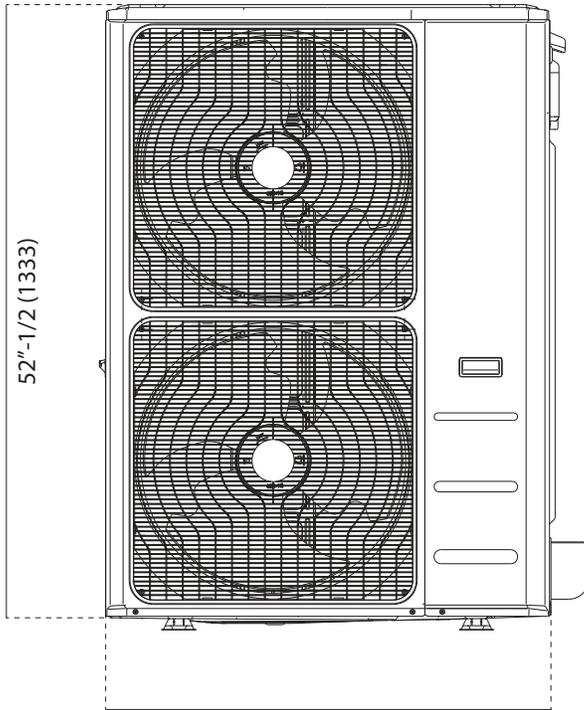


Capacity (kBtu/h)	unit	Outline Dimension				Air Outlet Opening Size		Air Return Opening Size		Size Of Mounted Lug		Fresh Air Intake Opening Size		Size of refrigerant pipe			
		A	B	C	D	E	F	G	H	I	J	K	L	H1	H2	W1	W2
36/48	mm	1200	300	750	795	1027	233	1092	267	1240	640	125	160	102	163	101	160
	inch	47.2	11.8	29.5	31.3	40.4	9.2	43.0	10.5	48.8	25.2	4.9	6.3	4.0	6.4	4.0	6.3

FRONT VIEW

SIDE VIEW

TOP VIEW



37'-1/2 (952)

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 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