

Job Name:	
Submitted By:	



Submittal Sheet For: RB036GMSILDFHG / YN036GMSI20RUG

Date _____
 Ref. _____

Slim-Duct Concealed 18SEER Inverter Heat Pump

System Full Set Model: **RYB036GMSI20RL**

AHRI Reference Number: **218010993**

Cooling Mode Performance

Rated Cooling	36,000 BTU/hr
Ambient Range	5~131°F
SEER2 Rating	18.7 BTU/W·h
EER2 Rating	10.1 BTU/W·h

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

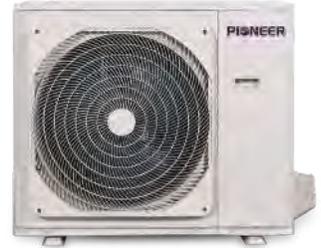
Heating Mode Performance

Rated Heating	40,000 BTU/hr
Ambient Range	-13~86°F
HSPF2 IV (V)	10.2 (7.8) BTU/W·h
COP2 (47°F)	3.7 W/W

Heating (17°F) = 27,400 BTU / Heating (5°F) = 25,600 BTU / COP2 (5°F) = 2.1 W/W



Slim-Duct Concealed Indoor Unit



Outdoor Condensing Unit



User-Selected Installation Kit



Handheld Remote Controller

Electrical Information

	Cooling	Heating
Rated Input (W)	3,530	3,170
Rated Current (A)	15.3	14.2
Breaker Needed	40A (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.

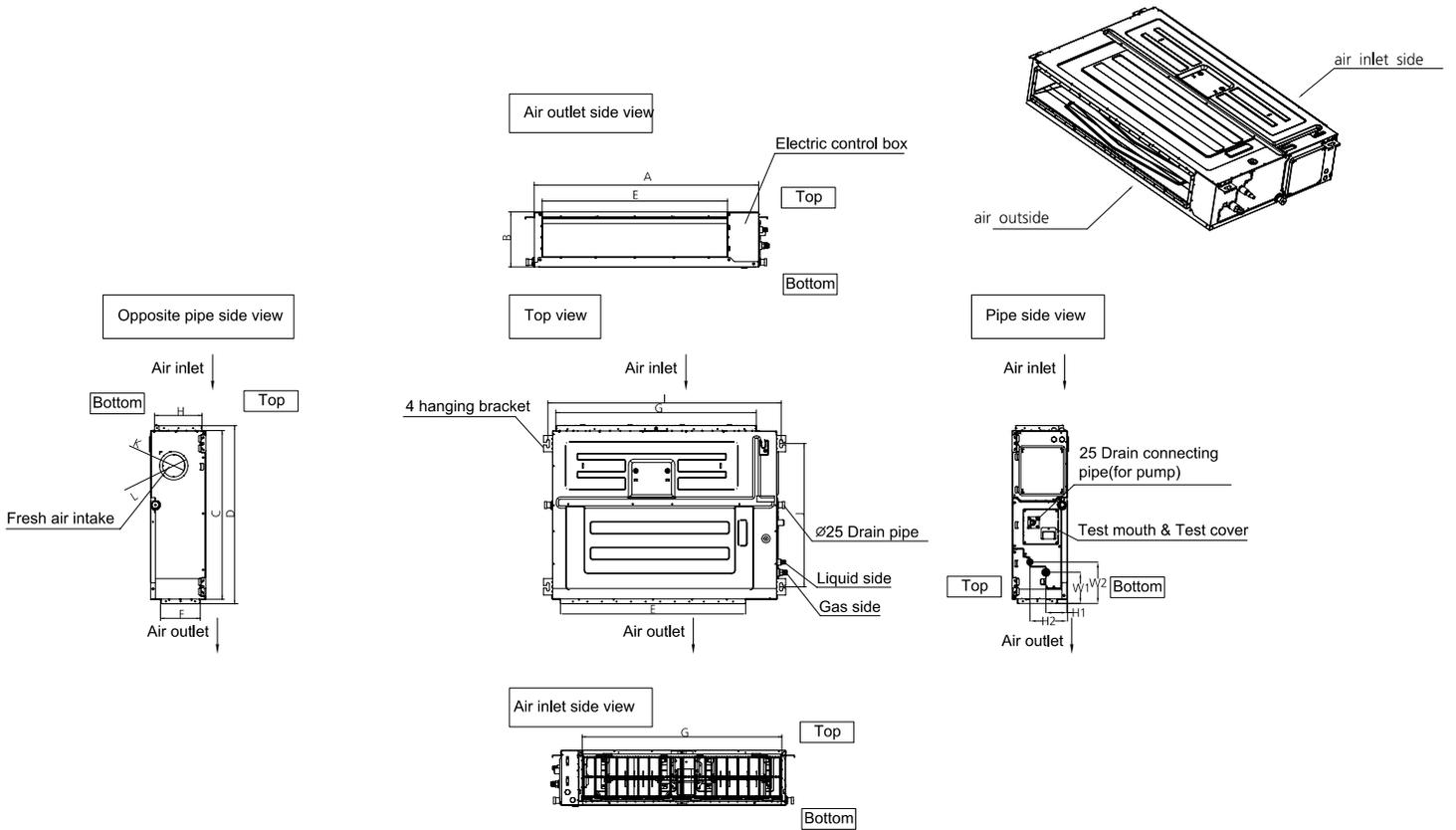


Interior Unit (Air Handler) Specifications

Type	Heat Pump
Sound Level (dBA)	45 (Hi) / 39.5 (Med) / 33 (Lo) / 30 (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)	106.3

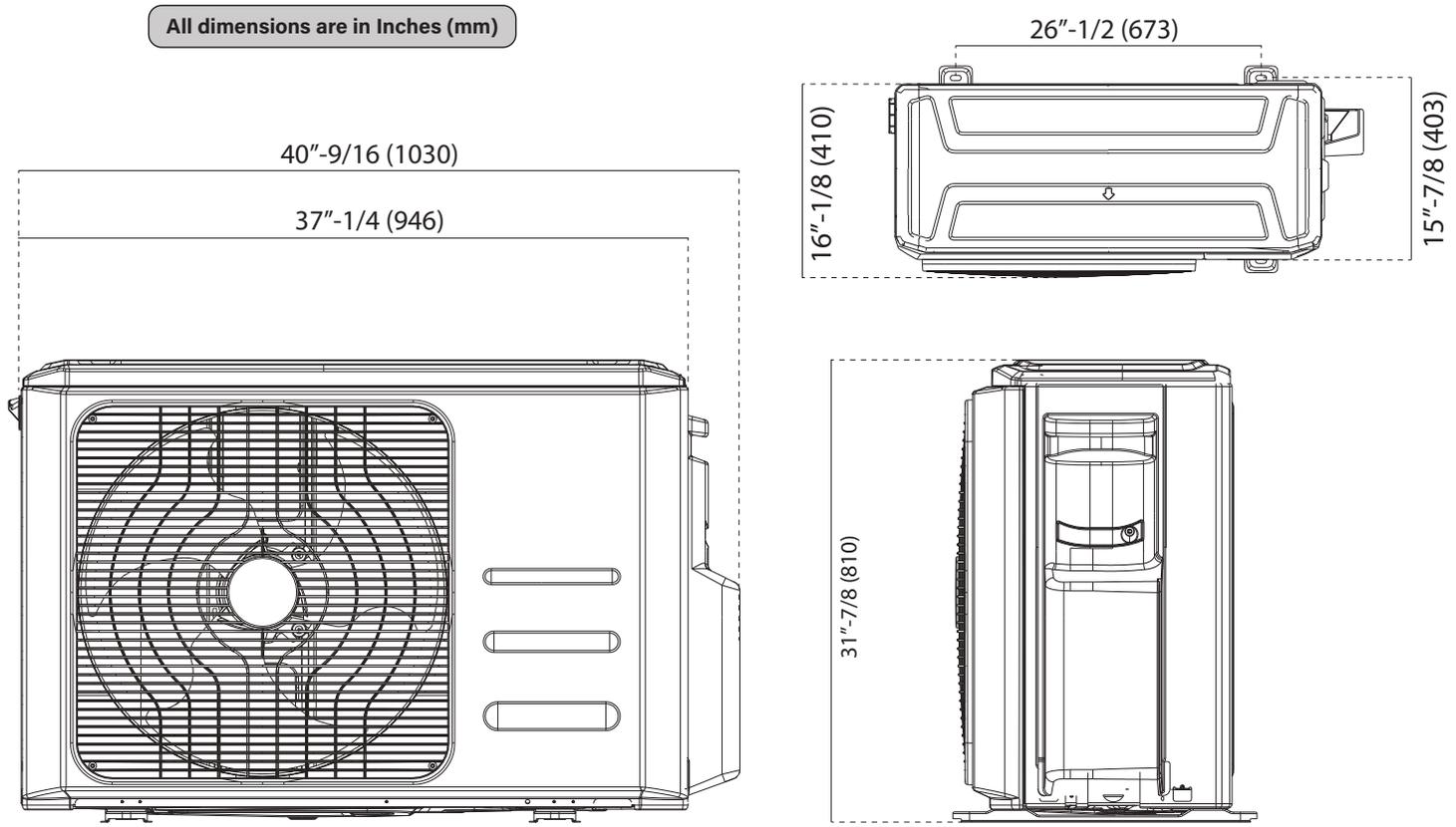
Exterior Unit (Condenser) Specifications

Sound Level (dBA)	63
Recommended Room Size	1,000~1,400 Sq. ft.
Minimum Room Size	104 Sq. ft.
Compressor	Inverter-Driven Rotary
Dimensions (WDH)	37-1/4 in x 16-1/4 in x 31-7/8 in
Weight (lbs)	152.4



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

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