

Job Name:	
Submitted By:	



Submittal Sheet For:	RT024GLSILSFHG / YN024GLSI24RPG
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Date _____

Ref. _____

Ceiling-Concealed Ducted 19SEER Inverter Heat Pump

System Full Set Model: **RYT024GLSI24RL**

AHRI Reference Number: **217048765**

Cooling Mode Performance

Rated Cooling	22,000 BTU/hr
Ambient Range	5~131°F
SEER2 Rating	19 BTU/W·h
EER2 Rating	11.7 BTU/W·h

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

Heating Mode Performance

Rated Heating	25,000 BTU/hr
Ambient Range	-13~86°F
HSPF2 IV (V)	10 (8.8) BTU/W·h
COP2 (47°F)	3.34 W/W

Low Heat (17°F) = 22,000 BTU / COP2 (5°F) = 2.0 W/W



Ceiling-Concealed Ducted Indoor Unit

Outdoor Condensing Unit



User-Selected Installation Kit



Handheld Remote Controller

Electrical Information

Rated Input (W)	Cooling	Heating
	1,870	2,030
Rated Current (A)	8.1	8.8
Breaker Needed	25A (Double-Pole)	
Power Supply	208~230V, 1Ph, 60Hz	

Piping and Refrigerant

Liquid Line (OD)	1/4 in
Suction Line (OD)	5/8 in
Refrigerant Precharge	R-454b(Supports 10-25ft.)
Max Length/Height Diff.	65 ft. / 50 ft.

This combination is
Energy-Star certified.



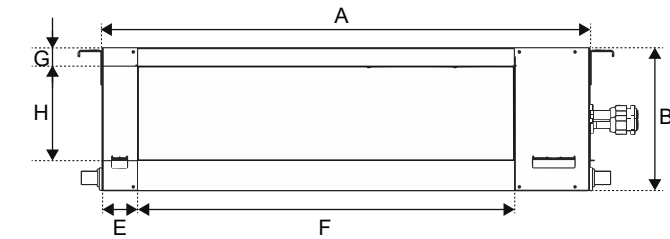
Interior Unit (Air Handler) Specifications

Type	Heat Pump
Sound Level (dBA)	41 (Hi) / 38 (Med) / 34 (Lo)
Auto Air Circulation	2-Way Louver (Up-Down + Left-Right)
Dimensions (WDH)	43-1/4 in x 17-3/4 in x 7-7/8 in
Weight (lbs)	50.7

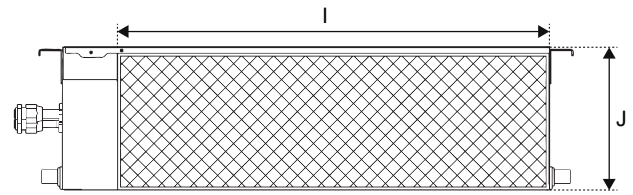
Exterior Unit (Condenser) Specifications

Sound Level (dBA)	54
Recommended Room Size	750~1,000 Sq. ft.
Minimum Room Size	62 Sq. ft.
Compressor	Inverter-Driven Rotary
Dimensions (WDH)	38-1/2 in x 16-5/8 in x 31-5/8 in
Weight (lbs)	104.7

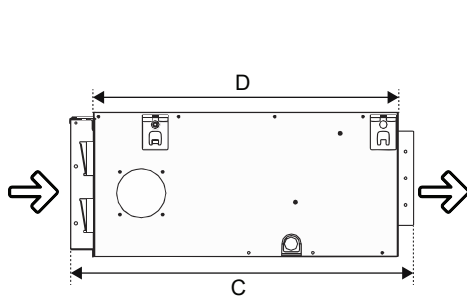
CT024GLSILCFHG Air Handler Dimensional Data



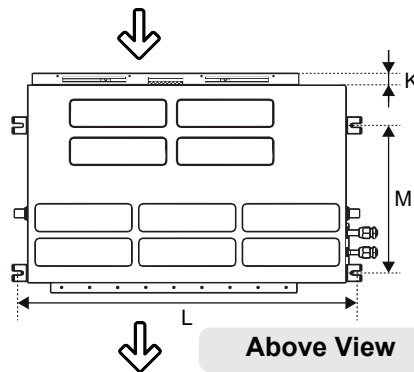
Supply Side



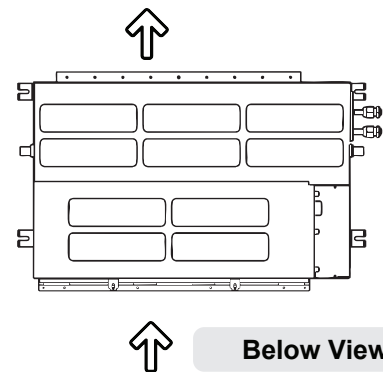
Inlet Side



Side View

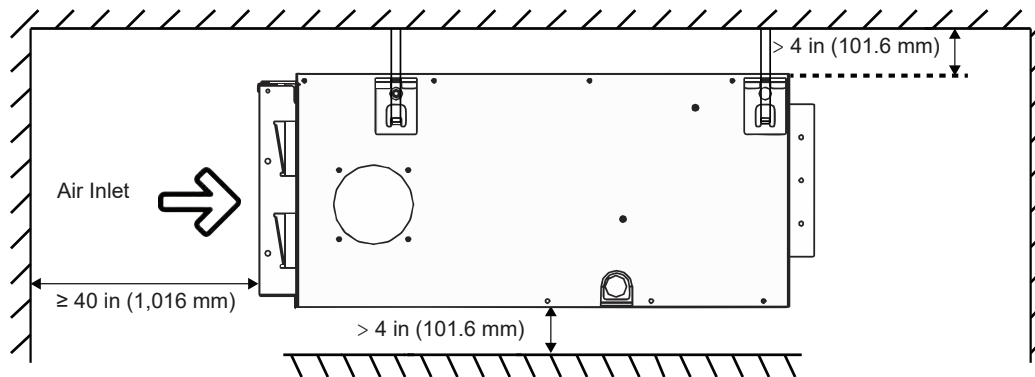


Above View

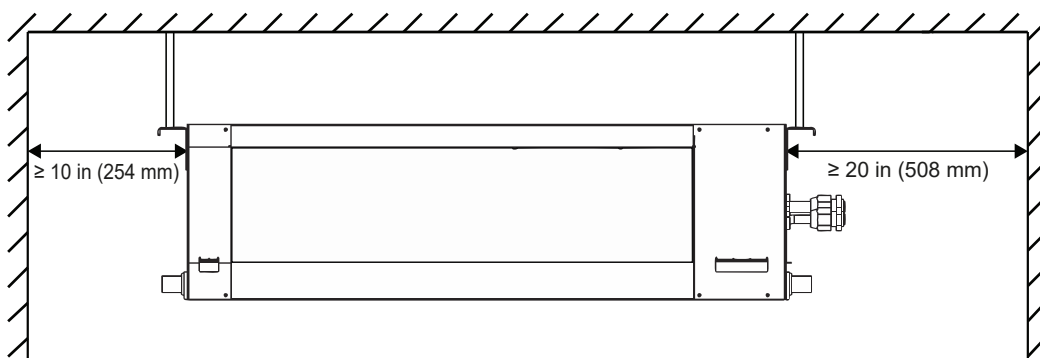


Below View

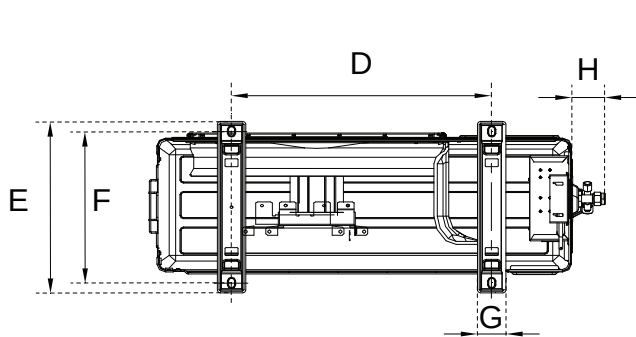
24K	Overall Air Handler Dimensions				Front Side Air Outlet (Supply)				Rear Side Air Inlet (Return)			Mounting Brackets	
	A	B	C	D	E	F	G	H	I	J	K	L	M
	43-3/4 in	7-7/8 in	19-3/8 in	17-3/4 in	1-1/8 in	36-5/8 in	1/8 in	5-1/2 in	40-5/8 in	7-1/4 in	1-3/8 in	37-7/8 in	14-3/8 in
	1,110.1 mm	200 mm	492.1 mm	450.9 mm	28.6 mm	930.3 mm	3.2 mm	139.7 mm	1,030.3 mm	182.6 mm	34.9 mm	960.4 mm	365.1 mm



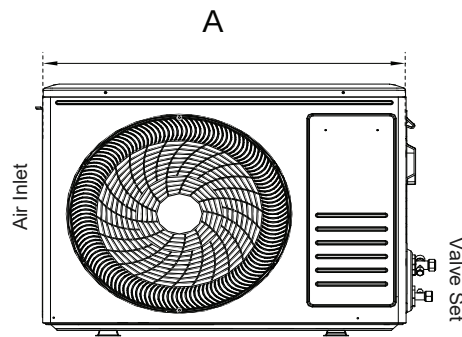
Side View



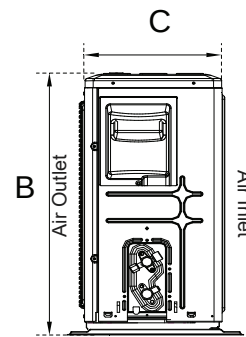
Front View



Underside View



Front View



Side View

Model	A	B	C	D	E	F	G	H
YN024GLSI24RPG	35-7/8 in	31-5/8 in	14-1/8 in	23-7/8 in	16-5/8 in	15-3/8 in	2-3/8 in	2-1/2 in
	910 mm	803 mm	359 mm	607 mm	421 mm	390 mm	60 mm	63 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