

Job Name:	
Submitted By:	



Submittal Sheet For:	RT018GLSILCFHG / YN018GLSI24RPG
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Date _____

Ref. _____

Ceiling-Concealed Ducted 20SEER Inverter Heat Pump

System Full Set Model: **RYT018GLSI24RL**

AHRI Reference Number: **217048764**

Cooling Mode Performance

Rated Cooling	17,000 BTU/hr
Ambient Range	5~131°F
SEER2 Rating	20 BTU/W·h
EER2 Rating	11 BTU/W·h

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

Heating Mode Performance

Rated Heating	18,000 BTU/hr
Ambient Range	-13~86°F
HSPF2 IV (V)	10 (9.2) BTU/W·h
COP2 (47°F)	2.8 W/W

Low Heat (17°F) = 14,500 BTU / COP2 (5°F) = 1.8 W/W



Ceiling-Concealed Ducted Indoor Unit

Outdoor Condensing Unit



User-Selected Installation Kit



Handheld Remote Controller

Electrical Information

Rated Input (W)	Cooling	Heating
	1,450	1,805
Rated Current (A)	6.3	7.8
Breaker Needed	20A (Double-Pole)	
Power Supply	208~230V, 1Ph, 60Hz	

Piping and Refrigerant

Liquid Line (OD)	1/4 in
Suction Line (OD)	1/2 in
Refrigerant Precharge	R-454b(Supports 10-25ft.)
Max Length/Height Diff.	65 ft. / 50 ft.

This combination is
Energy-Star certified.



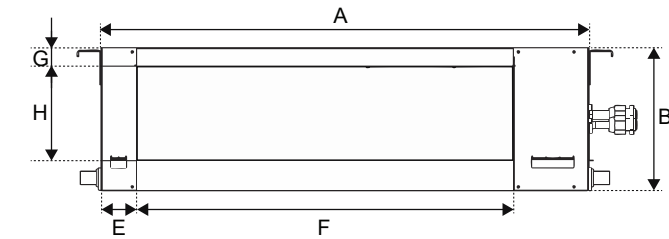
Interior Unit (Air Handler) Specifications

Type	Heat Pump
Sound Level (dBA)	41 (Hi) / 38 (Med) / 36 (Lo)
Auto Air Circulation	2-Way Louver (Up-Down + Left-Right)
Dimensions (WDH)	35-1/2 in x 19-1/4 in x 7-7/8 in
Weight (lbs)	39.7

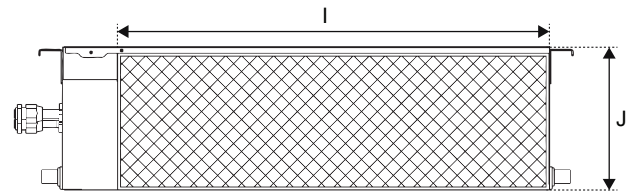
Exterior Unit (Condenser) Specifications

Sound Level (dBA)	53
Recommended Room Size	500~750 Sq. ft.
Minimum Room Size	51 Sq. ft.
Compressor	Inverter-Driven Rotary
Dimensions (WDH)	36-1/2 in x 15 in x 27-1/2 in
Weight (lbs)	90.4

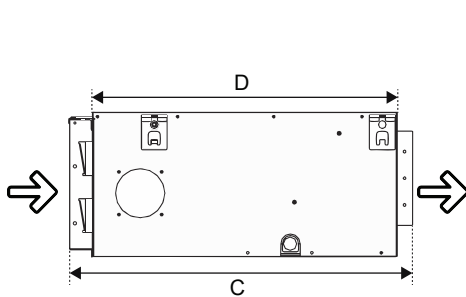
RT018GLSILCFHG Air Handler Dimensional Data



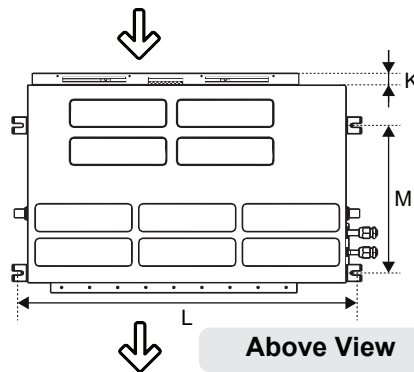
Supply Side



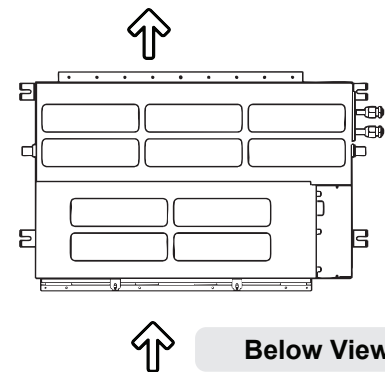
Inlet Side



Side View

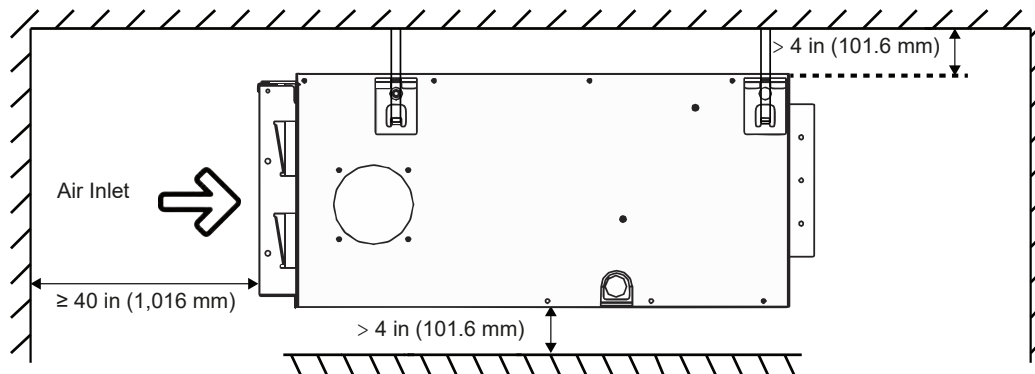


Above View

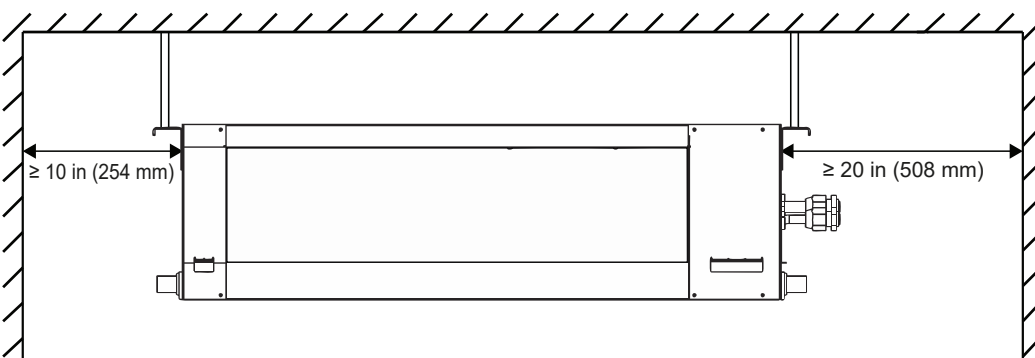


Below View

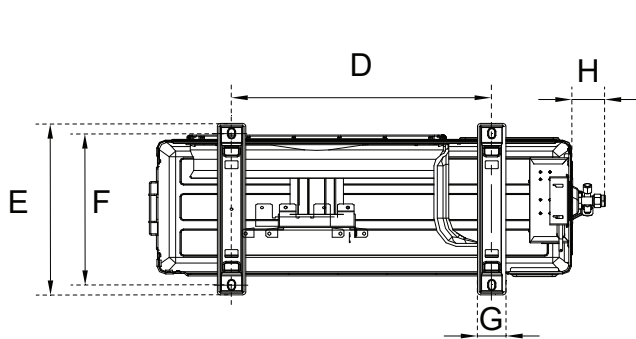
Overall Air Handler Dimensions				Front Side Air Outlet (Supply)				Rear Side Air Inlet (Return)			Mounting Brackets	
A	B	C	D	E	F	G	H	I	J	K	L	M
36-1/4 in	7-7/8 in	19-3/8 in	17-3/4 in	1-3/4 in	28-3/4 in	1/8 in	5-1/2 in	32-1/4 in	7-3/8 in	1-3/8 in	37-3/4 in	11-3/4 in
920.8 mm	200 mm	492.1 mm	450.9 mm	44.5 mm	730.3 mm	3.2 mm	139.7 mm	819.2 mm	187.3 mm	34.9 mm	958.9 mm	298.5 mm



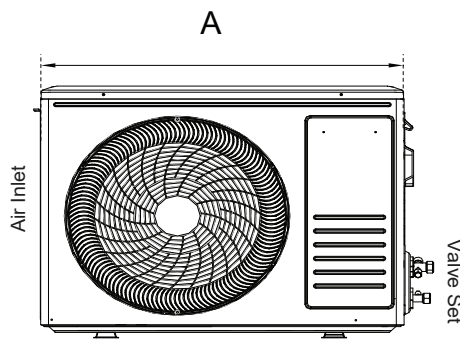
Side View



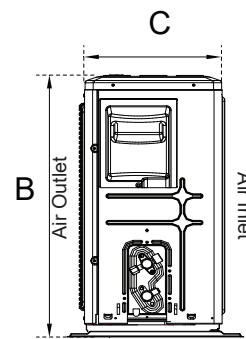
Front View



Underside View



Front View



Side View

Model	A	B	C	D	E	F	G	H
YN018GLSI24RPG	33-1/4 in	27-1/2 in	12-7/8 in	23-1/8 in	14-3/4 in	13-3/4 in	2-1/8 in	2-1/4 in
	845 mm	699 mm	326 mm	586 mm	375 mm	348 mm	55 mm	55.9 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