

Job Name:	
Submitted By:	



Submittal Sheet For:	YN060GLSI24M6G / (6x) RT0xxGLSILCFHG
----------------------	---

Date _____

Ref. _____

Hexa (6) Circuit Ducted Inverter Heat Pump Set

System Full Set Model: **YN060GLSI24M6G**

AHRI Reference Number: **218696835**

Cooling Mode Performance

Rated Cooling	55,000 BTU/hr
Ambient Range	5~131°F
SEER2 Rating	22.5 BTU/W·h
EER2 Rating	10.0 BTU/W·h

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

Heating Mode Performance

Rated Heating	55,000 BTU/hr
Ambient Range	-22~75°F
HSPF2 IV (V)	9.5 (8.2) BTU/W·h
COP2 (47°F)	3.6 W/W

Heating (17°F) = 48,500 BTU / Heating (5°F) = 42,000 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
	5,400	4,430
Rated Current (A)	24.0	19.8
Breaker Needed	60A (Double-Pole)	
Power Supply	208~230V, 60Hz, 1Ph	

Piping and Refrigerant

Liquid Line (OD)	1/4 in (6)
Suction Line (OD)	3/8 in (6)
Refrigerant Precharge	R-454b (10 - 25 ft.)
Vertical Run/Elevation Diff.	50 ft. / 33 ft.

This combination is AHRI/ETL/ISO certified.

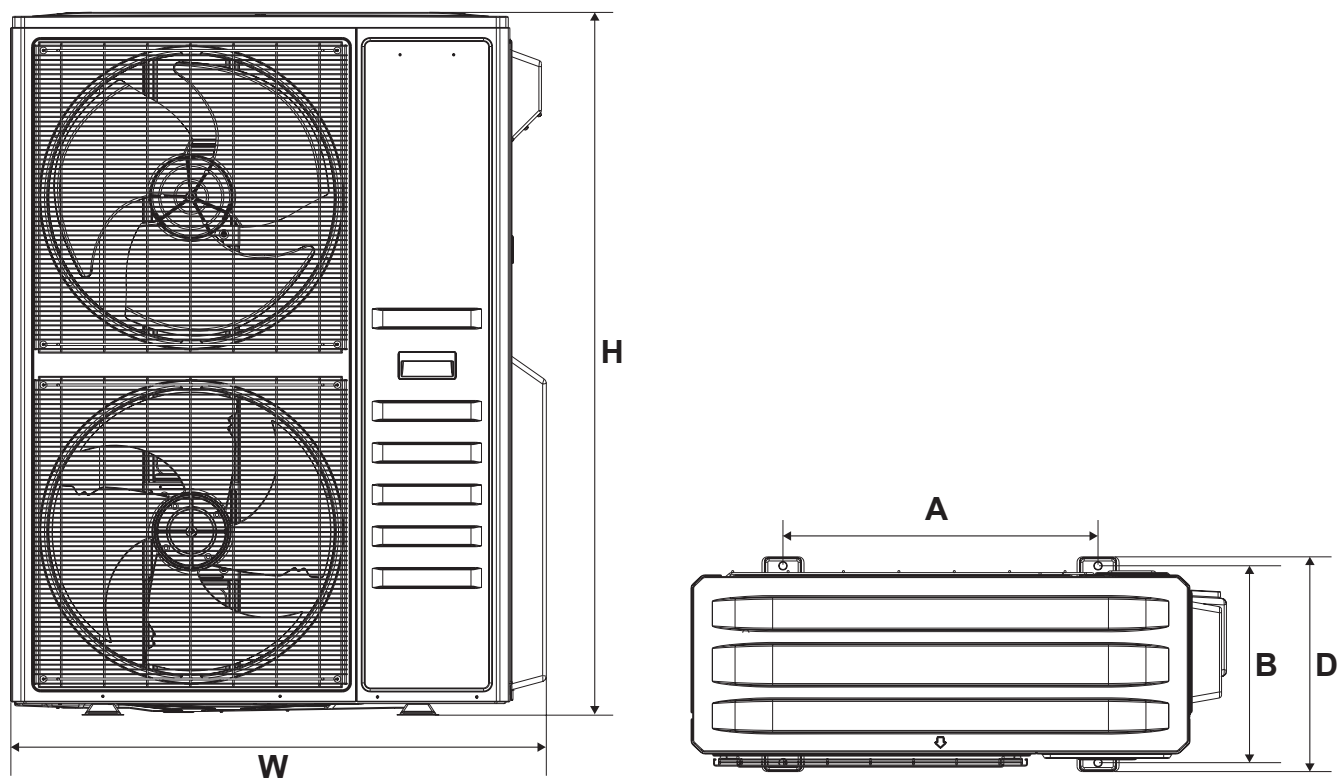


Exterior Unit (Condenser) Specifications

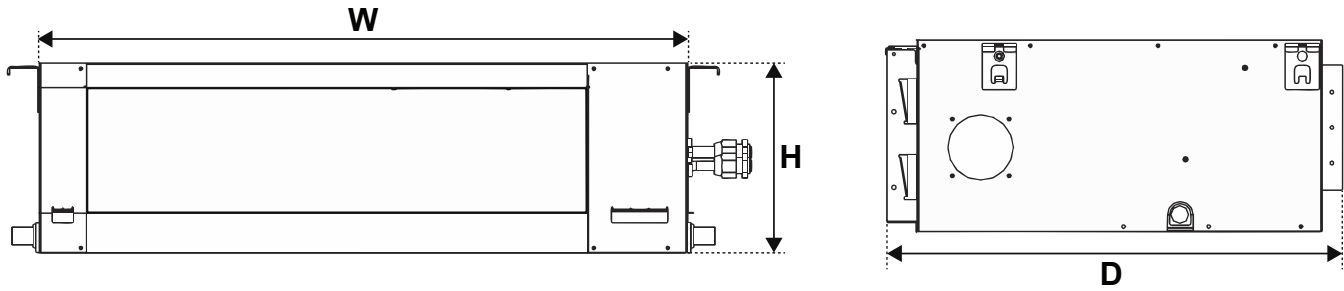
Sound Level (dBA)	69
Recommended Room Size	1,300~1,850 Sq. ft.
Minimum Room Size	160 Sq. ft.
Compressor	Twin-Rotary
Dimensions (WDH)	40-3/4 in x 16-1/8 in x 52-5/8 in
Weight (lbs)	249.1

Compatible Indoor Air Handler Units

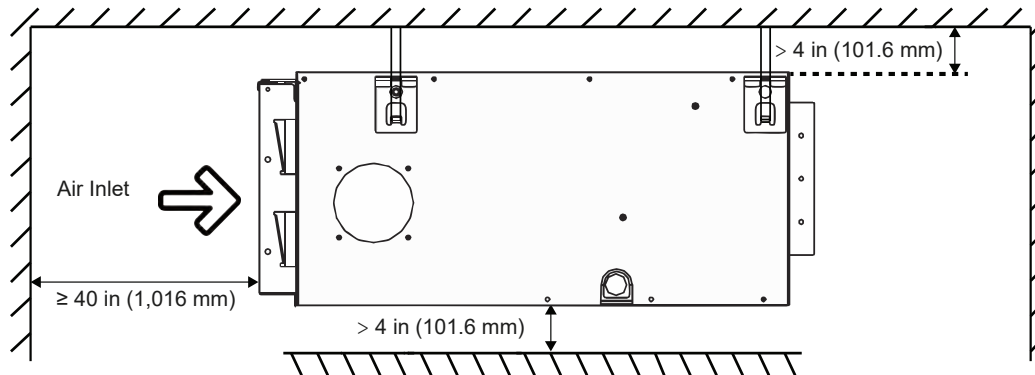
RT009GLSILCFHG (9K)	RT012GLSILCFHG (12K)
RT018GLSILCFHG (18K)	RT012GLSILCFHG (24K)
Quantity	6 (Up to 72,000 BTU)
Max Circuit Length	100 ft.
Max Total Length	394 ft.
Adjustment Charge	0.11 oz x (L1+L2+L3+L4+L5+L6-148 ft)



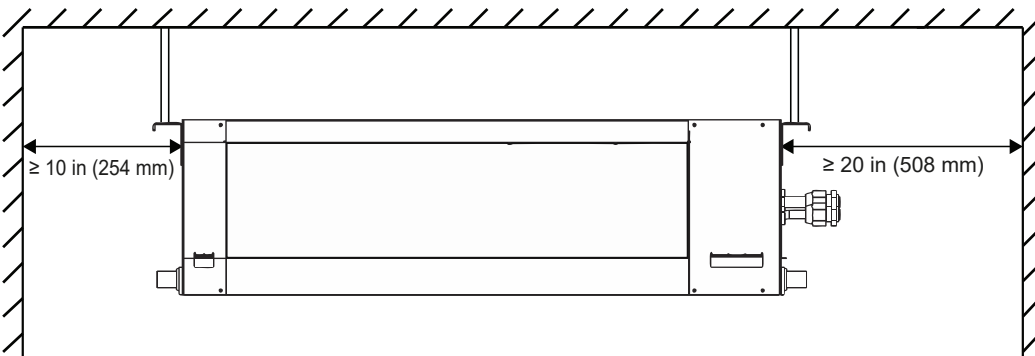
Model	W	D	H	A	B
YN060GLSI24M6G (55,000 BTU / 6-Zone)	40-3/4 in	16-1/8 in	52-5/8 in	23-5/8 in	14-3/4 in
	1,020 mm	409 mm	1,338 mm	600 mm	375 mm



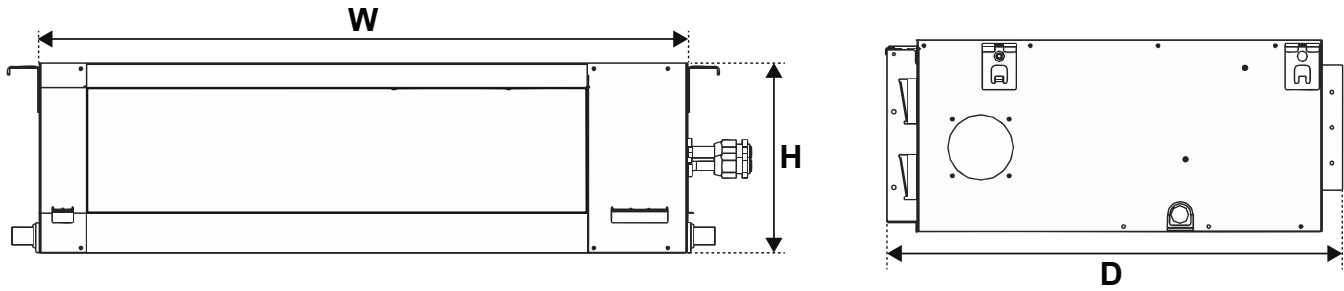
Model	W	D	H
RT009GLSILCFHG	27-1/2 in	19-1/4 in	7-7/8 in
	698.5 mm	489 mm	200 mm



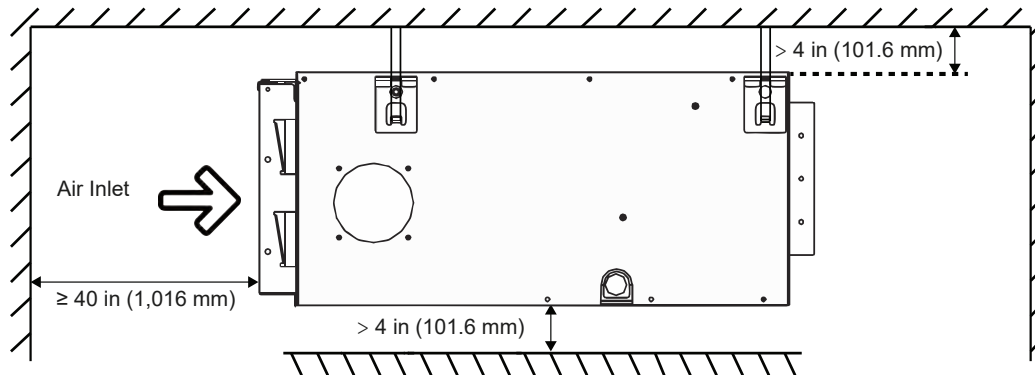
Side View



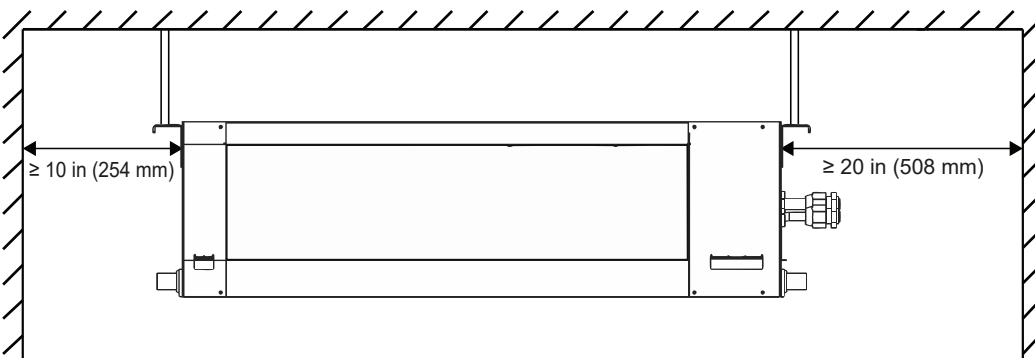
Front View



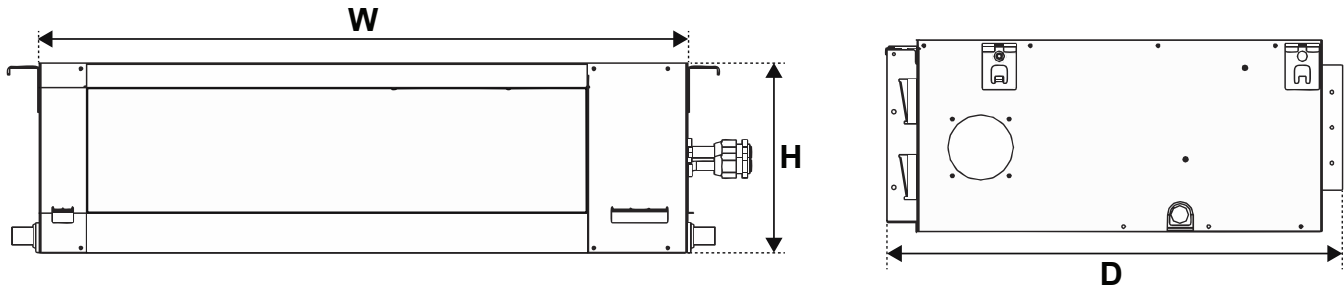
Model	W	D	H
RT012GLSILCFHG	27-1/2 in	19-1/4 in	7-7/8 in
	698.5 mm	489 mm	200 mm



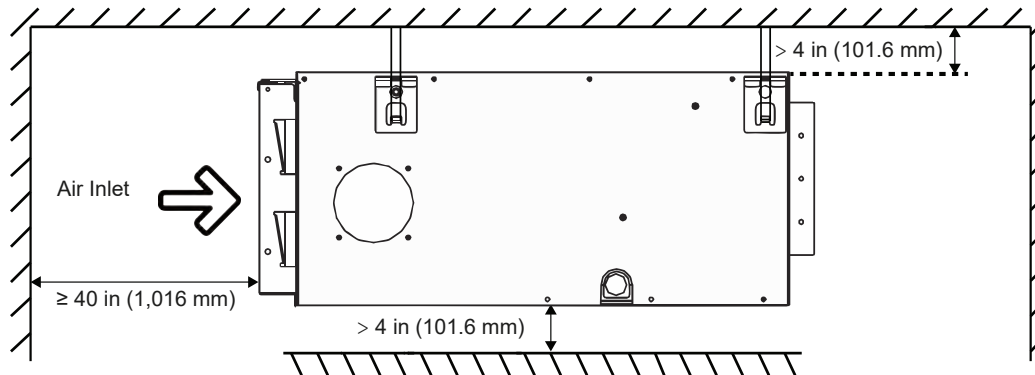
Side View



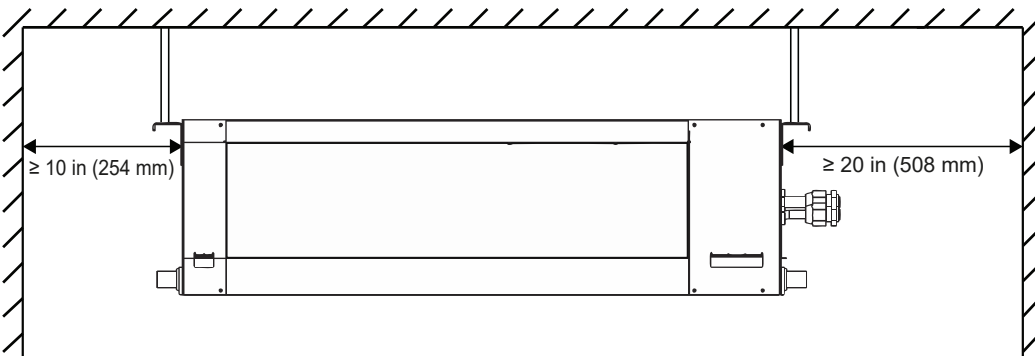
Front View



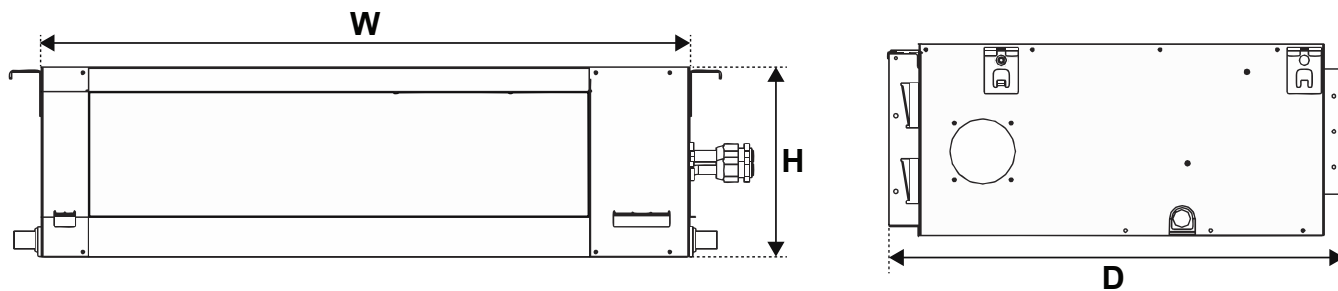
Model	W	D	H
RT018GLSILCFHG	35-1/2 in	19-1/4 in	7-7/8 in
	902 mm	489 mm	200 mm



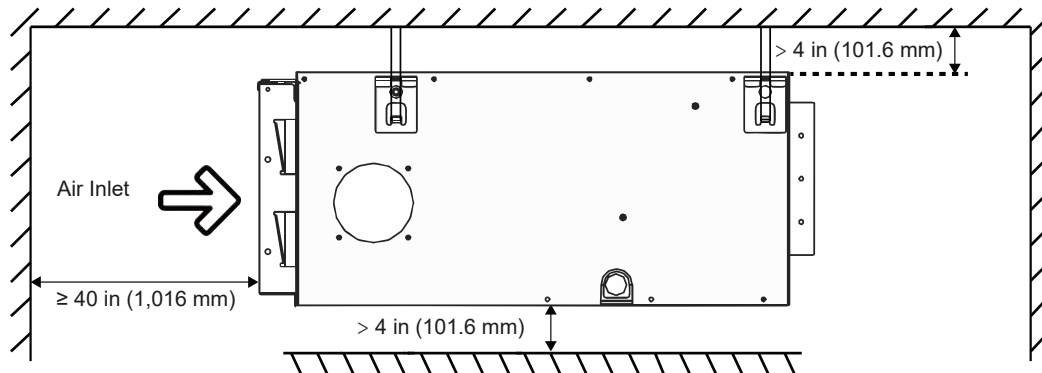
Side View



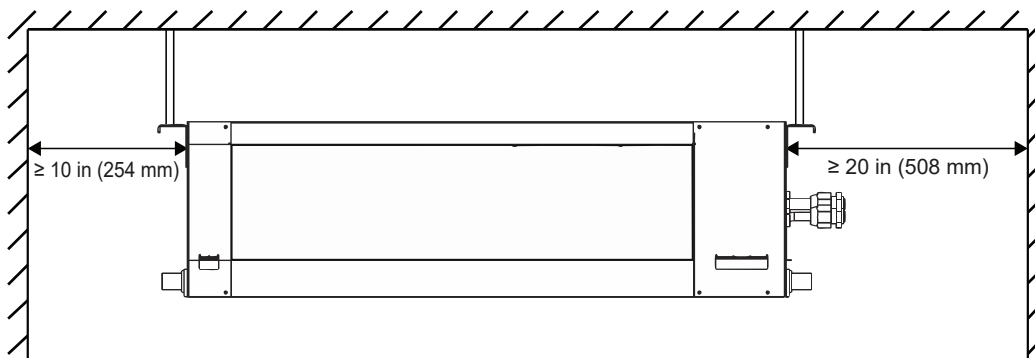
Front View



Model	W	D	H
RT024GLSILSFHG	43-1/4 in	17-3/4 in	7-7/8 in
	1,098.5 mm	451 mm	200 mm



Side View



Front View

RT009GLSILCFHG (Air Handler) Specifications

Airflow Rate (cfm)	335 (Turbo) / 305 (Hi) / 276 (Med) / 182 (Lo) / 182 (Mute)
Sound Level (dBA)	42 (Turbo) / 39 (Hi) / 34 (Med) / 28 (Lo) / 28 (Mute)
Auto Air Circulation	2-Way Louver (Up-Down + Left-Right)
Dimensions (WDH)	27-1/2 in x 19-1/4 in x 7-1/8 in
Weight (lbs)	33.1

RT012GLSILCFHG (Air Handler) Specifications

Airflow Rate (cfm)	360 (Turbo) / 330 (Hi) / 270 (Med) / 210 (Lo) / 180 (Mute)
Sound Level (dBA)	44 (Turbo) / 41 (Hi) / 35 (Med) / 33 (Lo) / 32 (Mute)
Auto Air Circulation	2-Way Louver (Up-Down + Left-Right)
Dimensions (WDH)	27-1/2 in x 19-1/4 in x 7-1/8 in
Weight (lbs)	33.1

RT018GLSILCFHG (Air Handler) Specifications

Airflow Rate (cfm)	500 (Turbo) / 426 (Hi) / 370 (Med) / 300 (Lo) / 283 (Mute)
Sound Level (dBA)	48 (Turbo) / 44 (Hi) / 41 (Med) / 36 (Lo) / 33 (Mute)
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

RT024GLSILCFHG (Air Handler) Specifications

Airflow Rate (cfm)	741 (Turbo) / 623 (Hi) / 558 (Med) / 529 (Lo) / 470 (Mute)
Sound Level (dBA)	51 (Turbo) / 49 (Hi) / 46 (Med) / 39 (Lo) / 34 (Mute)
Auto Air Circulation	2-Way Louver (Up-Down + Left-Right)
Dimensions (WDH)	43-1/4 in x 17-3/4 in x 7-1/8 in
Weight (lbs)	50.7

Matching Table (# Circuits Utilized)

2-Circuits	(9000-24000) + (9000-24000)
3-Circuits	(9000-24000) + (9000-24000) + (9000-18000)
4-Circuits	(9000-24000) + (9000-18000) + (9000-12000) + (9000-12000)
5-Circuits	(9000-24000) + (9000-18000) + (9000-12000) + (9000-12000) + (9000-12000)
6-Circuits	(9000-24000) + (9000-12000) + (9000-12000) + (9000-12000) + (9000-12000) + (9000-12000)

Piping Diameters

9000 BTU	1/4 in (Liquid) - 3/8 in (Suction)
12000 BTU	1/4 in (Liquid) - 3/8 in (Suction)
18000 BTU	1/4 in (Liquid) - 1/2 in Adapter Required (Suction)
24000 BTU	1/4 in (Liquid) - 5/8 in Adapter Required (Suction)
(All Necessary Adapters Provided with Condenser)	

Although rare, if the total demand of the combined indoor units exceeds the rated capacity of the outdoor unit, the capacity of each indoor unit will be adjusted accordingly.

Connected indoor units automatically modulate their capacity between 30% and 100% based on localized zone demand, or cycle off when demand is met.

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	<i>Decorative PVC Line Cover Kit</i>
IKT-LNBR-1/4-3/8	<i>BendAid Flexible Easy Bender Kit</i>
BRK-FRM-C-2P	<i>Folding Mounting Bracket w/ Leveler</i>
IKT-UVL32UL-AG	<i>UVC Bacterial Disinfection Kit</i>
IKT-SURPRK-DV2	<i>Ultimate Surge and Power Protection</i>