

SUBMITTAL DATA SHEET

Series Name: 4-Way Cassette Hyper Heat Series
Model Number: CCOXHBS12HP/CCOXHB4C12
Grille: CCOXHB4CP0918



4-Way Cassette Heat Pump System

Location:	Approval:
Engineer:	Date:
Submitted to:	Construction:
Submitted by:	Unit #:
Reference:	Drawing #:



INDOOR SPECIFICATION

Indoor Air Flow (Turbo/H/M/L/Si) (CFM)	417.9 / 364.9 / 306.1 / 194.2 / 147.2
Indoor Noise Level (Turbo/H/M/L/Si) (dBA)	46/43.5/40.5/27.5/26
Dimension (W×D×H) inches	22.44 x 22.44 x 9.65
Package (W×D×H) inches	28.15 x 25.20 x 11.61
Net/Gross Weight lbs	35.27/41.89

OUTDOOR SPECIFICATION

Compressor Type	ROTARY
Compressor Model	KTN110D42UFZ
Refrigerant	R454B
Refrigerant Oil Charge(mL)	350
Refrigerant Oil	VG74
Outdoor Air Flow (Max) (CFM)	1471.5
Outdoor Noise Level (dBA)	57.0
Dimension (W×D×H) inches	31.69 x 12.99 x 21.81
Package (W×D×H) inches	36.02 x 14.57 x 24.21
Net/Gross Weight lbs	72.75/78.70

EFFICIENCY

Cooling		Heating	
SEER2	22.2	HSPF2-4	11.6
EER2	12.5	COP	3.70

COOLING PERFORMANCE (Btu/hr)

Rated Capacity	12000
Min/Max Capacity	3800~15100
Moisture Removal(L/h)	1.45
Standard Operating Range(°F/°C)	-22~122(-30~50)
Conditions:	Indoor: 80°F DB/67°F WB Outdoor: 95°F DB/75°F WB

HEATING PERFORMANCE (Btu/hr)

1. @ 47°F Rated	12000
1. @ 47°F Min/Max Capacity	5300~16200
2. @ 17°F Rated	10000
3. @ 5°F Rated: Capacity / COP	11500/2.00
3. @ 5°F Max: Capacity	11500
Standard Operating Range(°F/°C)	-22~75(-30~24)
1. Conditions:	Indoor: 70°F DB/60°F WB Outdoor: 47°F DB/43°F WB
2. Conditions:	Indoor: 70°F DB/60°F WB Outdoor: 17°F DB/15°F WB
3. Conditions	Indoor: 70°F DB/60°F WB Outdoor: 5°F DB/5°F WB

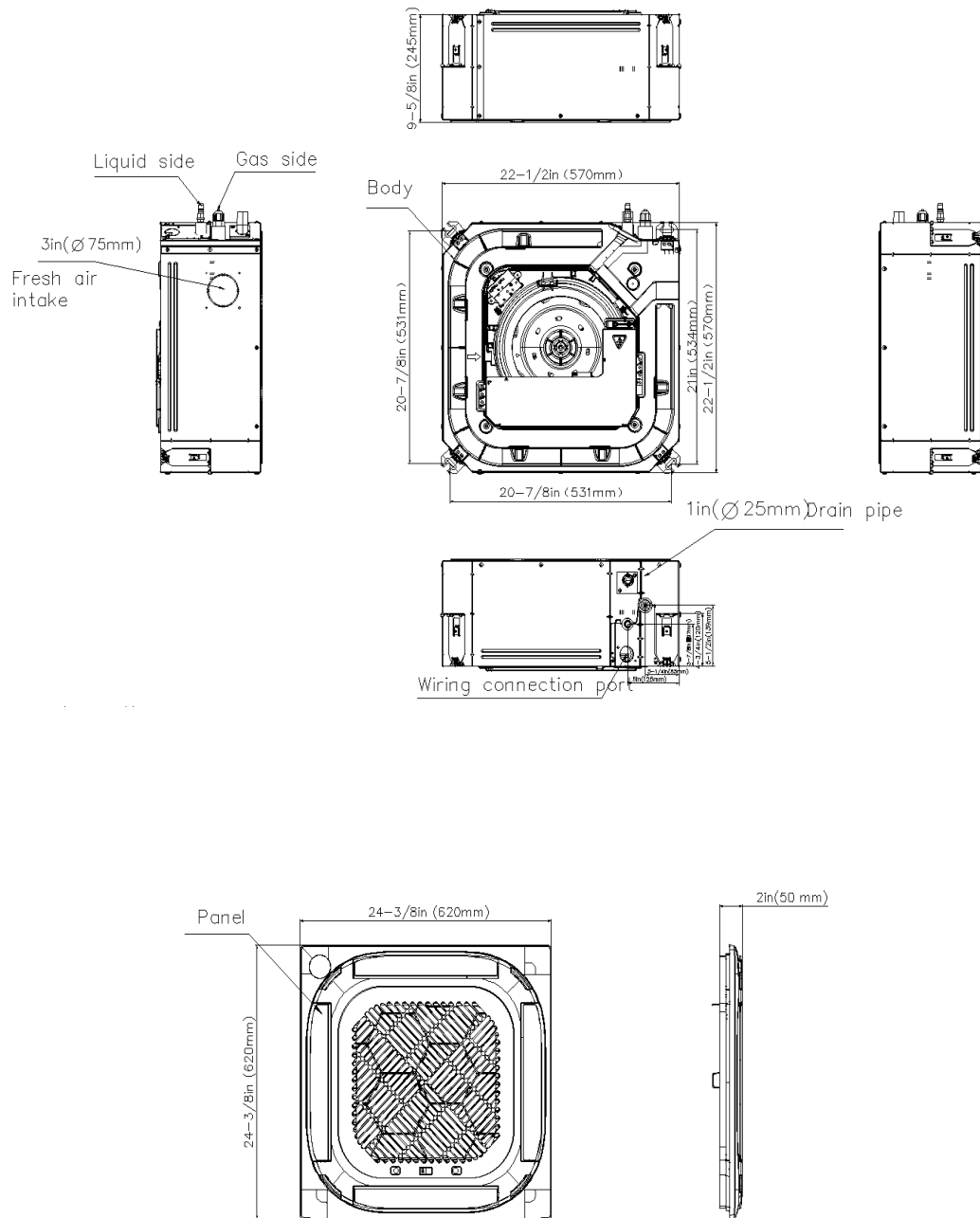
ELECTRICAL

Power Supply	208/230V,60Hz,1Ph
System MCA	15.00
Connection Wiring	14#x4
System MOC	15
Compressor RLA	11.6
Outdoor Fan Motor RLA	0.5
Outdoor Fan Motor W	34
Indoor Fan Motor RLA	0.9
Indoor Fan Motor W	45
System Power Input @ Cooling (W)	945(210 ~ 1260)
System Power Input @ Heating (W)	951(285 ~1330)
MCA: Min. circuit amps (A)	MOC: Max. over current protection (A)
RLA: Rated load amps (A)	W: Fan motor rated output (W)

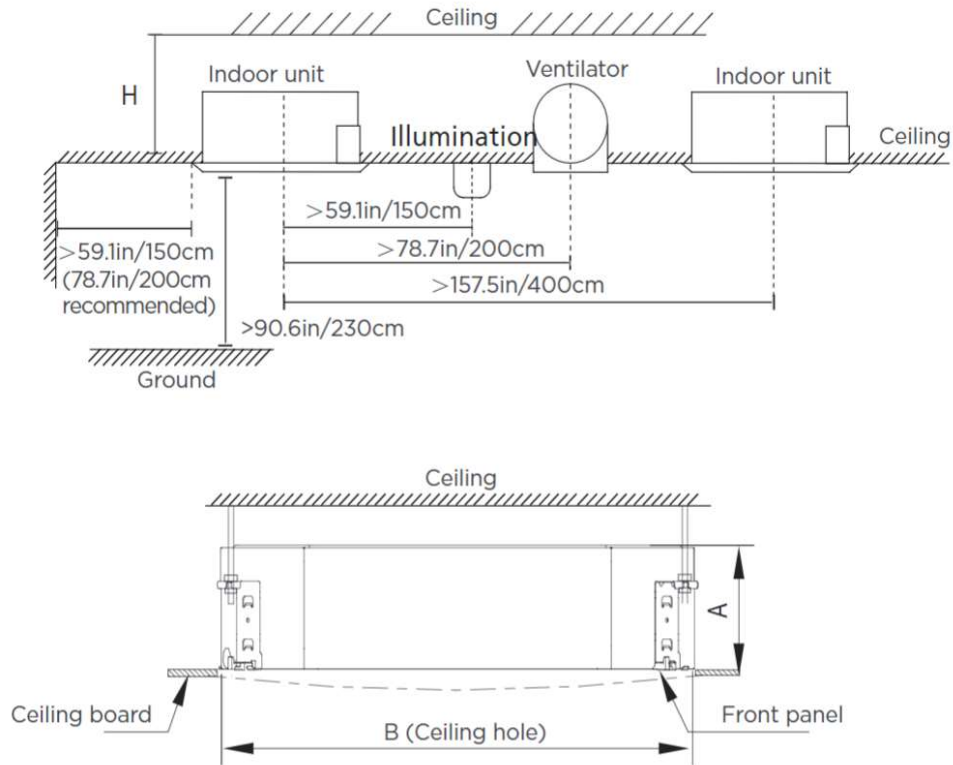
PIPING

Throttle type(Indoor)	N/A
Throttle type(Outdoor)	EXV
Liquid Size	6.35mm(1/4in)
Gas Size	9.52mm(3/8in)
Max. Piping Length(ft/m)	82.00(25)
Max. Height Difference(ft/m)	49.20(15)
Max. Pre-charged Length(ft/m)	24.6(7.5)
Refrigerant Pre-charged Amount(oz/kg)	35.27(1.00)
Additional Charge (oz/ft)/(g/m)	0.16(15)
Connection Method	Flared

Indoor Unit Dimensions



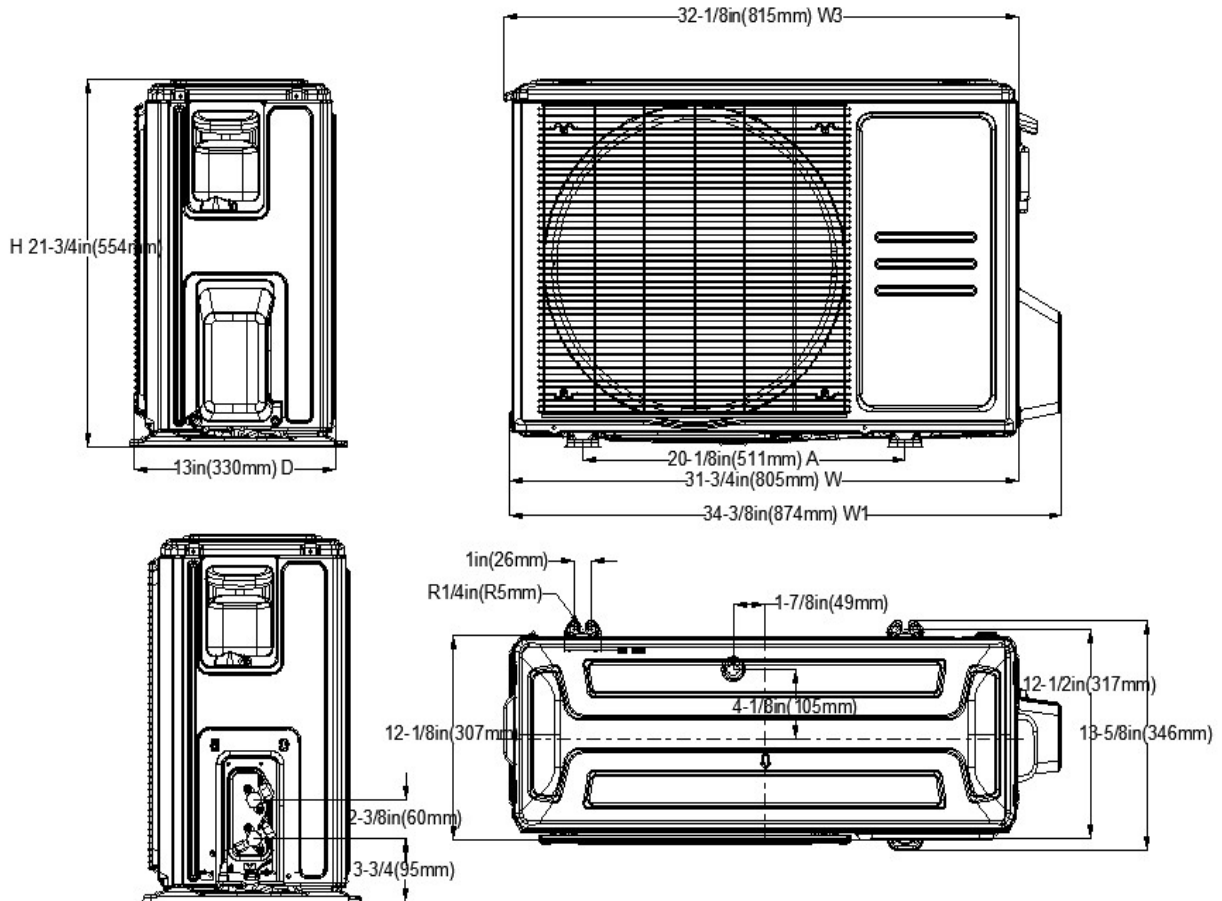
Indoor Unit Clearances



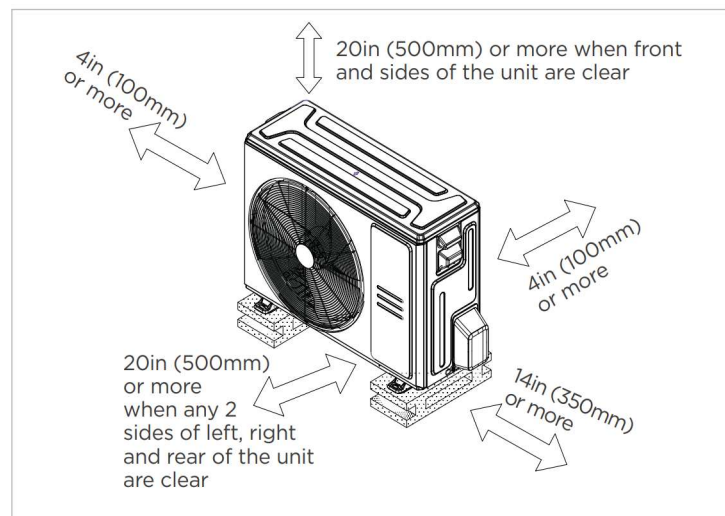
Distance from ceiling relative to height of indoor unit

MODEL	Length of A	Length of H	Length of B
9K/12K/18K	9.6in (245mm)	>10.8in (275mm)	23.6in (600mm)
24K	8.03in (205mm)	9.06in (230mm)	35.4in (900mm)
36K	9.65in (245mm)	10.7in (271mm)	
48K	11.3in (287mm)	12.3in (313mm)	

Outdoor unit dimensions



Outdoor Unit Clearances



☒ Meets all spatial requirements shown in Installation Clearance Requirements above.

Features

- 360° Air Flow
- Remote on-off and alarm ports
- Refrigerant leakage detection sensor(Optional)
- Humidity sensor
- Built-in pump