

SUBMITTAL DATA SHEET



Series Name: 4-Way Cassette Hyper Heat Series
 Model Number: CCOXHBS24HP/CCOXHB4C24
 Grille: CCOXHB4CP2448

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)	765.2 / 706.3 / 635.7 / 547.4 / 547.4
Indoor Noise Level (Turbo/H/M/L/Si) (dBA)	48.5/45/42.5/33.5/33.5
Dimension (W×D×H) inches	32.68 x 32.68 x 8.07
Package (W×D×H) inches	35.83 x 35.83 x 9.84
Net/Gross Weight lbs	47.18/59.08

OUTDOOR SPECIFICATION

Compressor Type	ROTARY
Compressor Model	KTM240D46UKT2
Refrigerant	R454B
Refrigerant Oil Charge(mL)	620
Refrigerant Oil	VG74
Outdoor Air Flow (Max) (CFM)	2236.7
Outdoor Noise Level (dBA)	61.5
Dimension (W×D×H) inches	37.24 x 16.14 x 31.89
Package (W×D×H) inches	42.91 x 19.68 x 34.84
Net/Gross Weight lbs	130.29/141.31

EFFICIENCY

Cooling		Heating	
SEER2	20.7	HSPF2-4	11.6
EER2	12.0	COP	3.54

COOLING PERFORMANCE (Btu/hr)

Rated Capacity	23400
Min/Max Capacity	12800~26200
Moisture Removal(L/h)	2.36
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	25000
1. @ 47°F Min/Max Capacity	11500~30700
2. @ 17°F Rated	20400
3. @ 5°F Rated: Capacity / COP	23800/2.23
3. @ 5°F Max: Capacity	23800
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

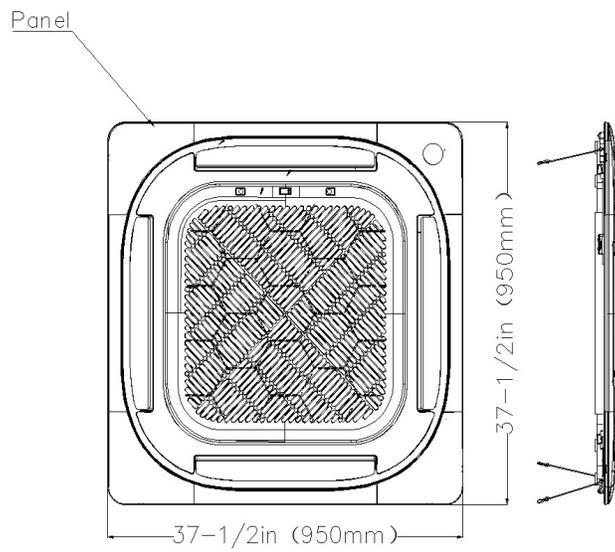
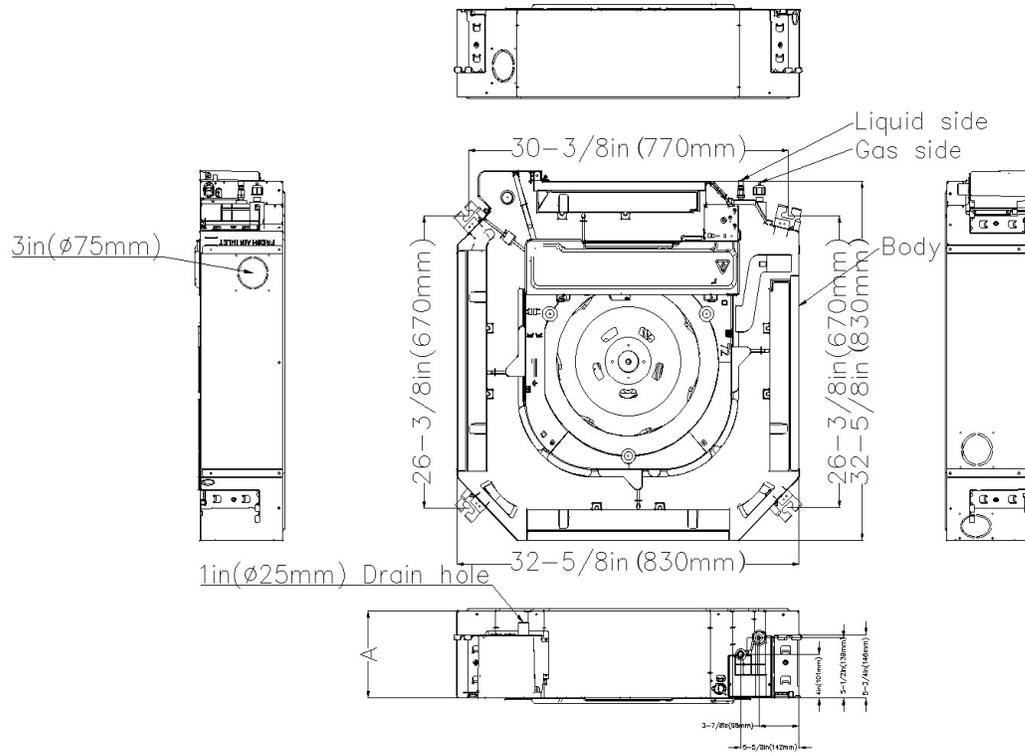
ELECTRICAL

Power Supply	208/230V,60Hz,1Ph
System MCA	24.90
Connection Wiring	14#x4
System MOCP	25
Compressor RLA	15.0
Outdoor Fan Motor RLA	1.3
Outdoor Fan Motor W	120
Indoor Fan Motor RLA	1.0
Indoor Fan Motor W	45
System Power Input @ Cooling (W)	1950(960 ~ 2300)
System Power Input @ Heating (W)	2070(695 ~2490)
MCA: Min. circuit amps (A)	MOCP: Max. over current protection (A)
RLA: Rated load amps (A)	W: Fan motor rated output (W)

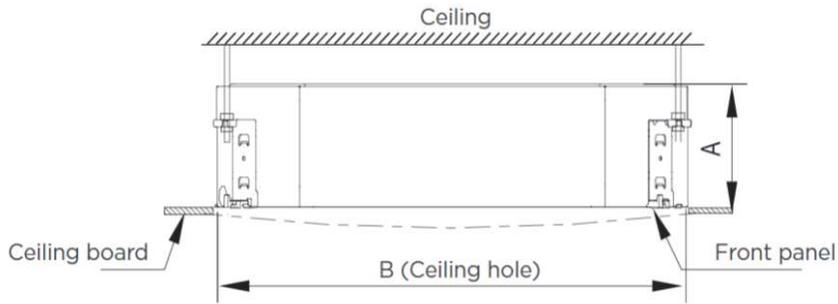
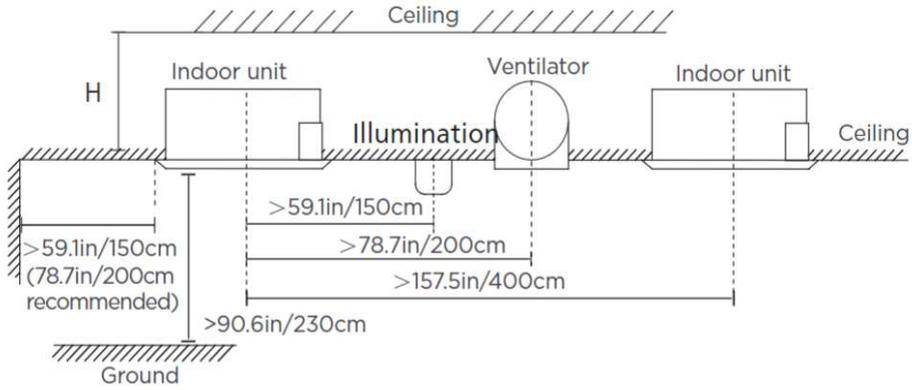
PIPING

Throttle type(Outdoor)	EXV+Throttle valve
Liquid Size	9.52mm(3/8in)
Gas Size	15.9mm(5/8in)
Max. Piping Length(ft/m)	164.00(50)
Max. Height Difference(ft/m)	82.00(25)
Max. Pre-charged Length(ft/m)	24.6(7.5)
Refrigerant Pre-charged Amount(oz/kg)	63.49(1.80)
Additional Charge (oz/ft)/(g/m)	0.32(30)
Connection Method	Flared

Indoor Unit Dimension



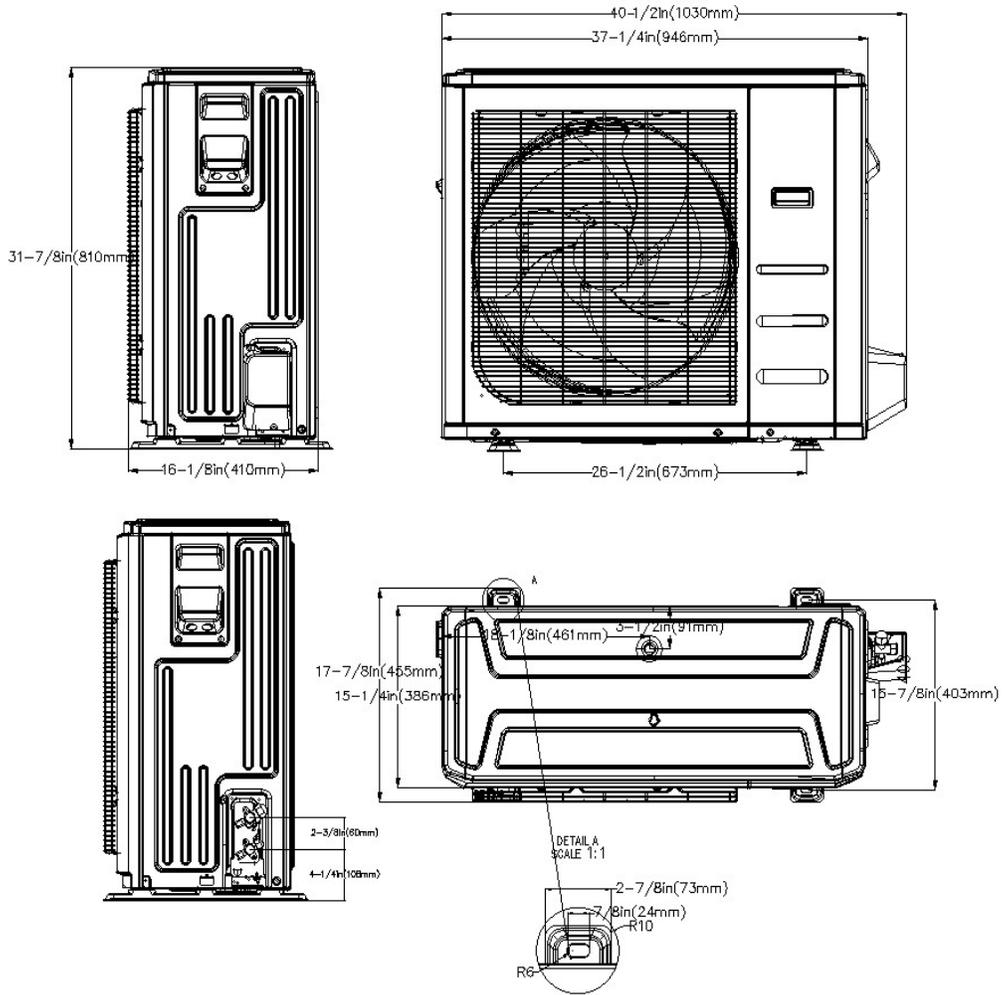
Indoor Unit Clearances



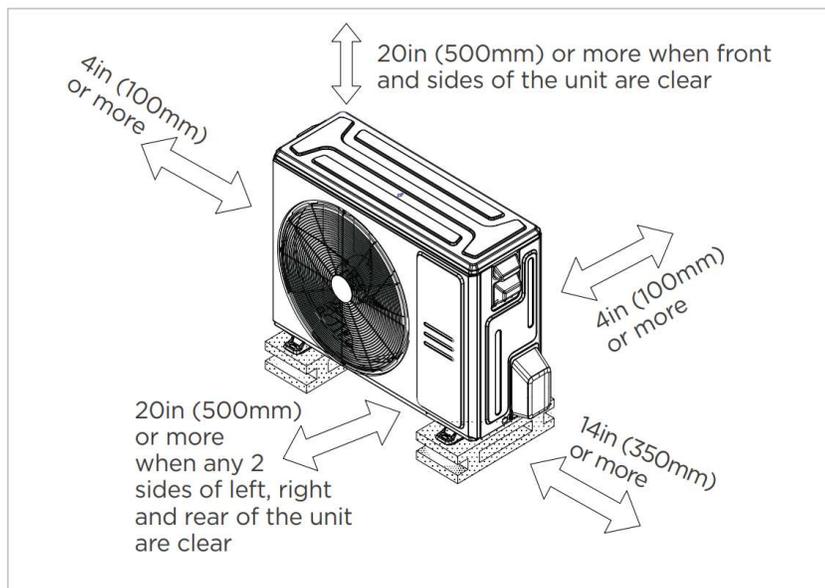
Distance from ceiling relative to height of indoor unit

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 Dimension



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
- 1~100% fan speed setting
- WiFi capability: through WiFi dongle or wired controller with built-in WiFi
- OTA(by using WiFi dongle)
- 2-pin connector(HA/HB) for programmable wired controller
- Multiple control options available:
 - Two way communication wired controller:120N(X6)
 - Two way communication wired controller with built-in WiFi:120N(X6W)
 - Infrared wired controller: 120L
 - Wireless remote controller
 - Third-Party 24V Thermostat*

*24V interface is required.