

SUBMITTAL DATA SHEET



Series Name: 4-Way Cassette Hyper Heat Series
 Model Number: CCOXHBSZ17HP/CCOXHB4C18
 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)	447.3 / 388.5 / 317.8 / 194.2 / 147.2
Indoor Noise Level (Turbo/H/M/L/Si) (dBA)	48/44.5/41/27.5/23.5
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	KTM240D46UKT2
Refrigerant	R454B
Refrigerant Oil Charge(mL)	620
Refrigerant Oil	VG74
Outdoor Air Flow (Max) (CFM)	1765.8
Outdoor Noise Level (dBA)	57.5
Dimension (W×D×H) inches	35.04 x 13.46 x 26.50
Package (W×D×H) inches	39.17 x 15.67 x 29.13
Net/Gross Weight lbs	99.87/107.80

EFFICIENCY

Cooling		Heating	
SEER2	20.0	HSPF2-4	12.3
EER2	12.5	COP	3.18

COOLING PERFORMANCE (Btu/hr)

Rated Capacity	16000
Min/Max Capacity	7000~18500
Moisture Removal(L/h)	2.00
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	19000
1. @ 47°F Min/Max Capacity	8700~20000
2. @ 17°F Rated	14900
3. @ 5°F Rated: Capacity / COP	17000/1.90
3. @ 5°F Max: Capacity	17000
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

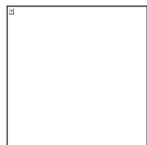
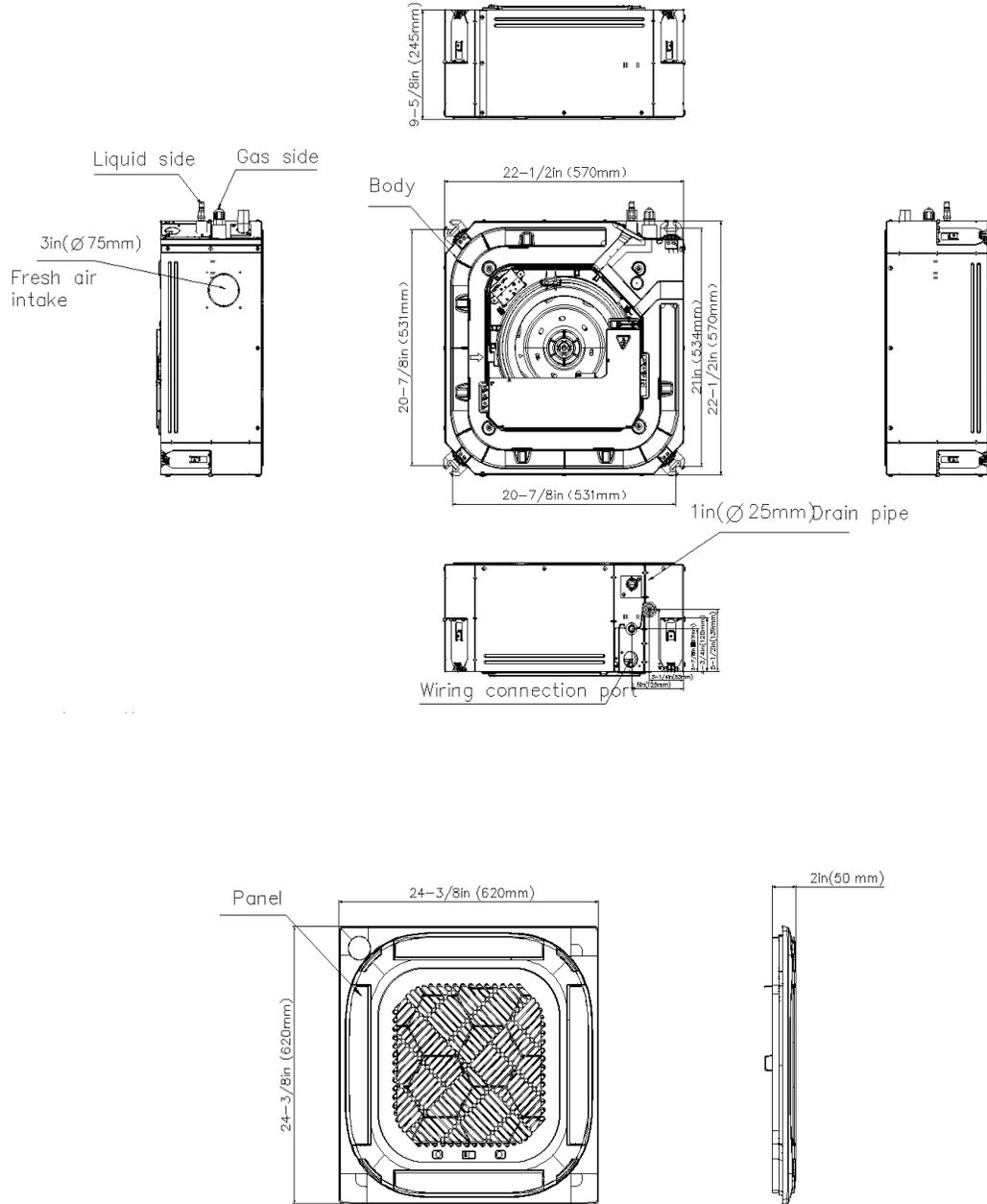
ELECTRICAL

Power Supply	208/230V,60Hz,1Ph
System MCA	19.00
Connection Wiring	14#x4
System MOCP	20
Compressor RLA	11.7
Outdoor Fan Motor RLA	0.9
Outdoor Fan Motor W	80
Indoor Fan Motor RLA	1.0
Indoor Fan Motor W	45
System Power Input @ Cooling (W)	1280(320 ~ 1640)
System Power Input @ Heating (W)	1750(500 ~1950)
MCA: Min. circuit amps (A)	MOCP: Max. over current protection (A)
RLA: Rated load amps (A)	W: Fan motor rated output (W)

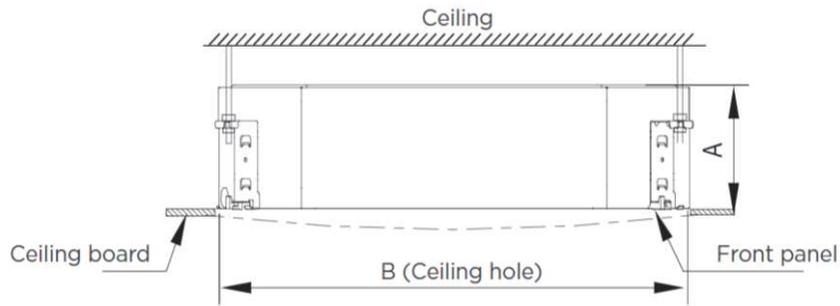
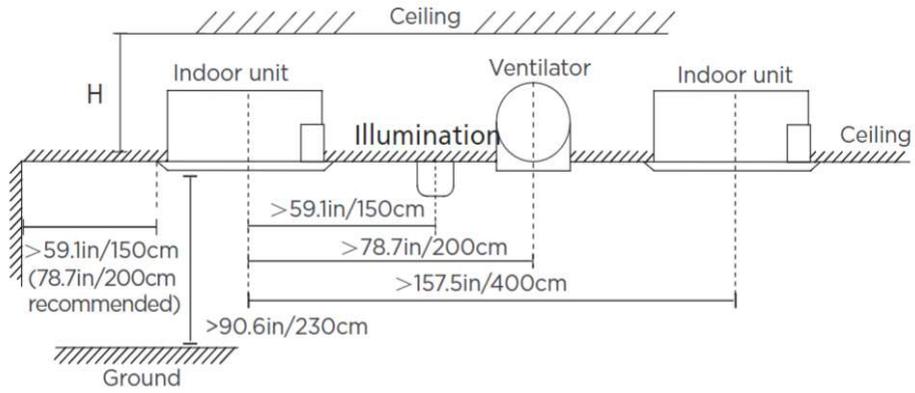
PIPING

Throttle type(Indoor)	N/A
Throttle type(Outdoor)	EXV+Throttle valve
Liquid Size	6.35mm(1/4in)
Gas Size	12.7mm(1/2in)
Max. Piping Length(ft/m)	98.40(30)
Max. Height Difference(ft/m)	65.60(20)
Max. Pre-charged Length(ft/m)	24.6(7.5)
Refrigerant Pre-charged Amount(oz/kg)	55.38(1.57)
Additional Charge (oz/ft)/(g/m)	0.16(15)
Connection Method	Flared

Indoor Unit Dimensions



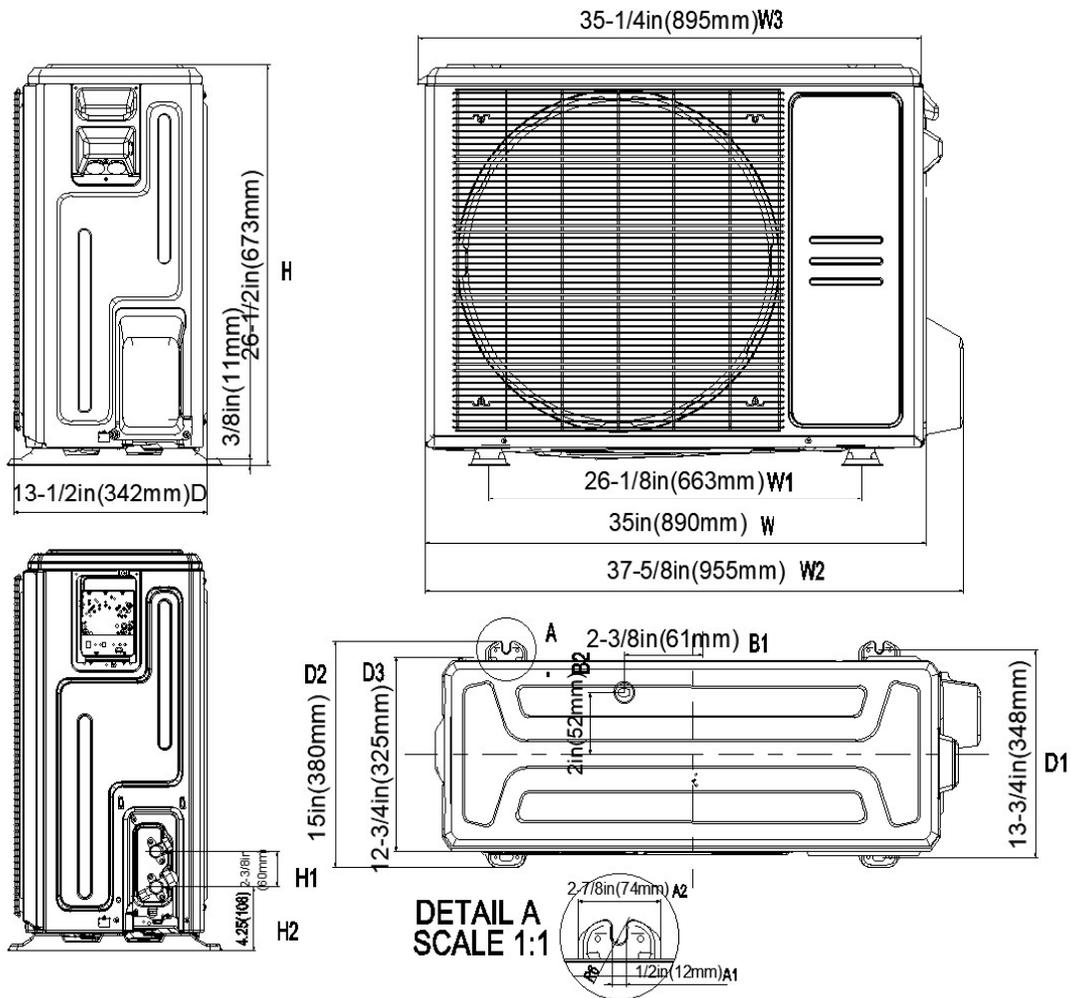
Indoor Unit Clearances



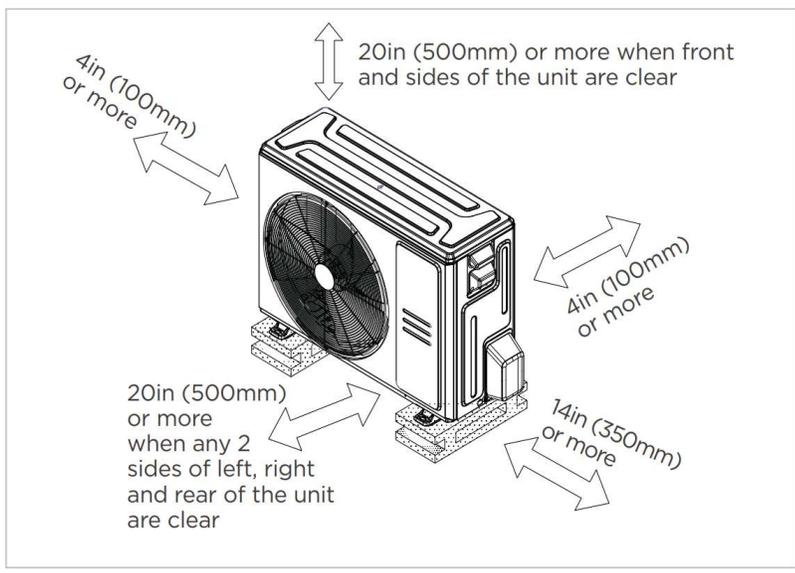
Distance from ceiling relative to height of indoor unit

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
- 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.