

SUBMITTAL DATA SHEET

One Way Cassette Heat Pump System BXS3A09SC0-9CC1

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



INDOOR SPECIFICATION

Indoor Air Flow (Turbo/H/M/L/Si) (CFM)	341.4 / 294.3 / 259.0 / 235.4 / 235.4
Indoor Noise Level (Turbo/H/M/L/Si) (dBA)	46.5/38.5/34/24/22
Dimension (W×D×H)	inch 50.31 x 13.19 x 8.98
	mm 1278.0×335.0×228.0
Package (W×D×H)	inch 57.60 x 22.48 x 22.64
	mm 1463×571×575
Net/Gross Weight	lbs 45.19/82.45
	kg 20.5/37.4

OUTDOOR SPECIFICATION

Compressor Type	ROTARY
Compressor Model	KSK103D33UEZ3
Refrigerant	R454B
Refrigerant Oil Charge(mL)	310
Refrigerant Oil	VG74
Outdoor Air Flow (Max) (CFM)	1236.1
Outdoor Noise Level (dBA)	54.5
Dimension (W×D×H)	inch 30.12 x 11.93 x 21.85
	mm 765.0×303.0×555.0
Package (W×D×H)	inch 34.92 x 13.27 x 24.02
	mm 887×337×610
Net/Gross Weight	lbs 62.17/67.68
	kg 28.2/30.7

EFFICIENCY

Cooling	Heating
SEER2	HSPF2-4
22.1	11.8
EER2	COP
14.4	3.20

PERFORMANCE of Cooling

Cooling (Btu/hr)
Rated Capacity
9000
Min/Max Capacity
3700~11400
Moisture Removal(L/h)
1.00
Standard Operating Range(°F/°C)
-13~-122(-25~50)
Conditions:
Indoor: 80°F DB/67°F WB
Outdoor: 95°F DB/75°F WB

PERFORMANCE of Heating

Heating (Btu/hr)
1. @ 47°F Rated
11000
1. @ 47°F Min/Max Capacity
4100~14300
2. @ 17°F Rated
7900
3. @ 5°F Rated: Capacity / COP
8000/2.18
3. @ 5°F Max: Capacity
8000
Standard Operating Range(°F/°C)
-13~-75(-25~24)
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

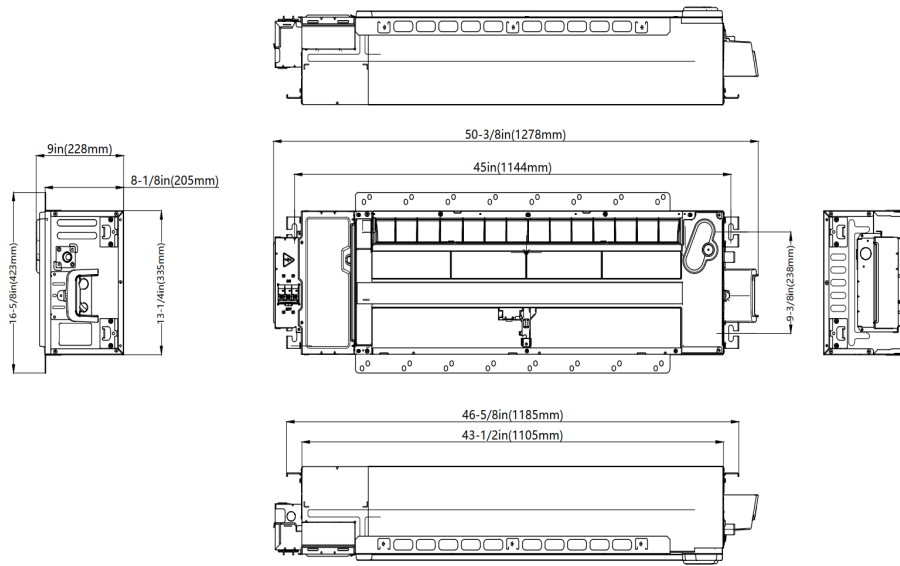
ELECTRICAL

Power Supply	208/230V,60Hz,1Ph
System MCA	12.00
Connection Wiring	14#x4
System MOCP	15
Compressor RLA	7.3
Outdoor Fan Motor RLA	0.6
Outdoor Fan Motor W	34
Indoor Fan Motor RLA	0.8
Indoor Fan Motor W	30
System Power Input @ Cooling (W)	625(220 ~ 990)
System Power Input @ Heating (W)	1007(265 ~1310)
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
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)	32.45(0.92)
Additional Charge of Refrigerant((oz/ft)/(g/m))	0.16(15)
Connection Method	Flared

Indoor Unit Dimension

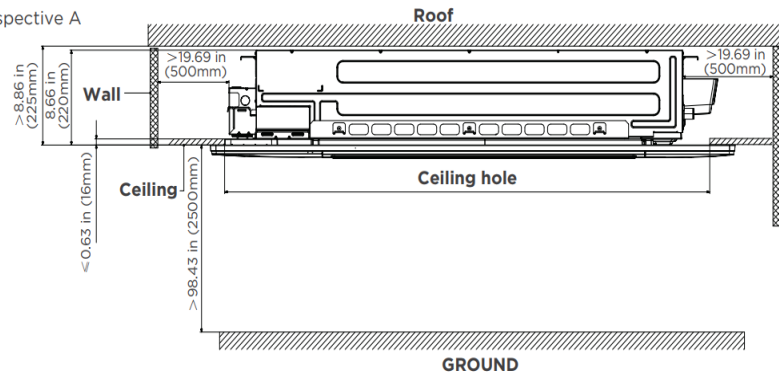


Installation Instruction

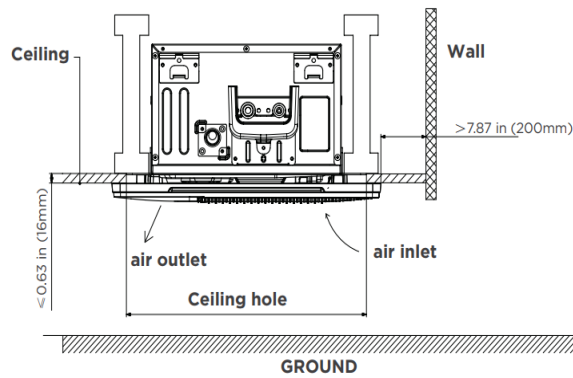
Installation place

(unit: inch/mm)

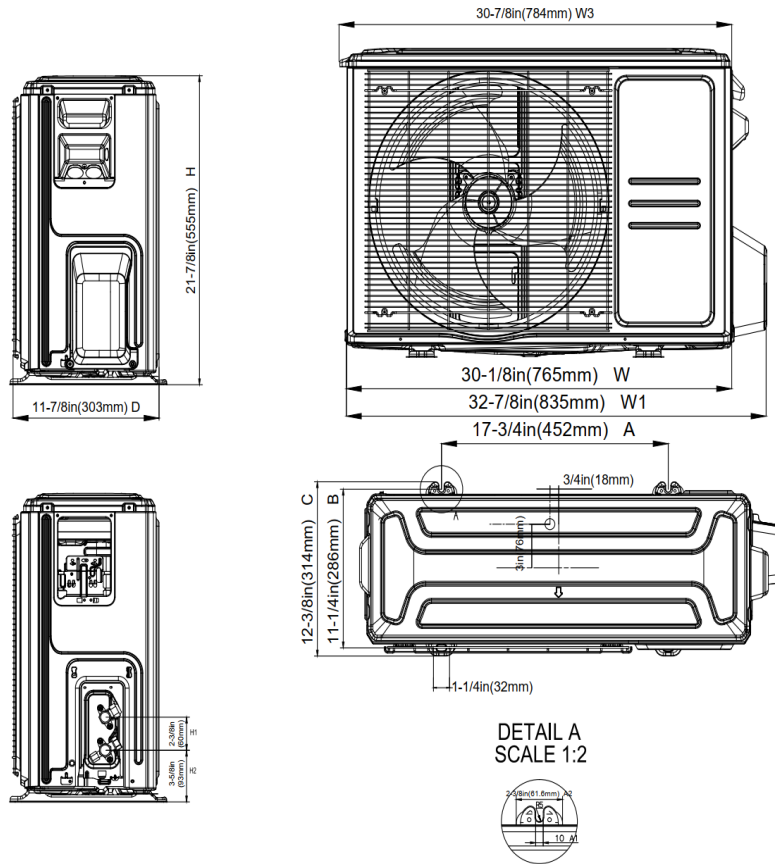
Perspective A



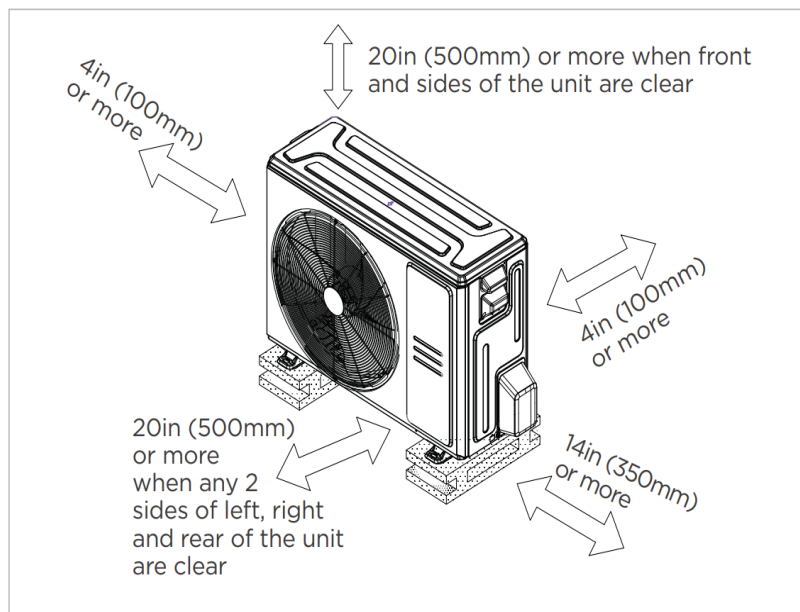
Perspective B



Outdoor Unit Dimension



Installation Instruction



Meets all spatial requirements shown in Installation Clearance Requirements above.

FEATURES

- Designed to fit between both I-joist spacing and traditional joist spacing
- Elevation panel
- Refrigerant leakage detection sensor(Optional)
- Humidity sensor
- Built-in pump
- Built-in circuit breaker
- 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.