

SUBMITTAL DATA SHEET

4-Way Cassette Regular System BXALA36CC4-BXL1A36SC0

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



INDOOR SPECIFICATION

Indoor Air Flow (Turbo/H/M/L/Si) (CFM)	1041.8 / 947.6 / 853.5 / 753.4 / 659.2		
Indoor Noise Level (Turbo/H/M/L/Si) (dBA)	54/52.5/47.0/39.5/36.5		
Dimension (W×D×H)	inch	32.68 x 32.68 x 9.65	
	mm	830.0×830.0×245.0	
Package (W×D×H)	inch	35.83 x 35.83 x 11.42	
	mm	910×910×290	
Net/Gross Weight	lbs	59.30/71.43	
	kg	26.9/32.4	

OUTDOOR SPECIFICATION

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Compressor Type		ROTARY
Compressor Model		KTF310D43UMT
Refrigerant		R454B
Refrigerant Oil Charge(mL)		1000
Refrigerant Oil		2765
Outdoor Air Flow (Max) (CFM)		2413.3
Outdoor Noise Level (dBA)		63.0
Dimension (W×D×H)	inch	37.24 x 16.14 x 31.89
	mm	946.0×410.0×810.0
Package (W×D×H)	inch	42.91 x 19.68 x 34.84
	mm	1090×500×885
Net/Gross Weight	lbs	152.34/162.48
	kg	69.1/73.7

EFFICIENCY

Cooling		Heating	
SEER2	20.0	HSPF2-4	10.3
EER2	9.6	COP	3.31

PERFORMANCE of Cooling

Cooling (Btu/hr)	
Rated Capacity	36000
Min/Max Capacity	6400~39800
Moisture Removal(L/h)	4.23
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	38000
1. @ 47°F Min/Max Capacity	14400~42200
2. @ 17°F Rated	26800
3. @ 5°F Rated: Capacity / COP	26600/2.20
3. @ 5°F Max: Capacity	26600
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

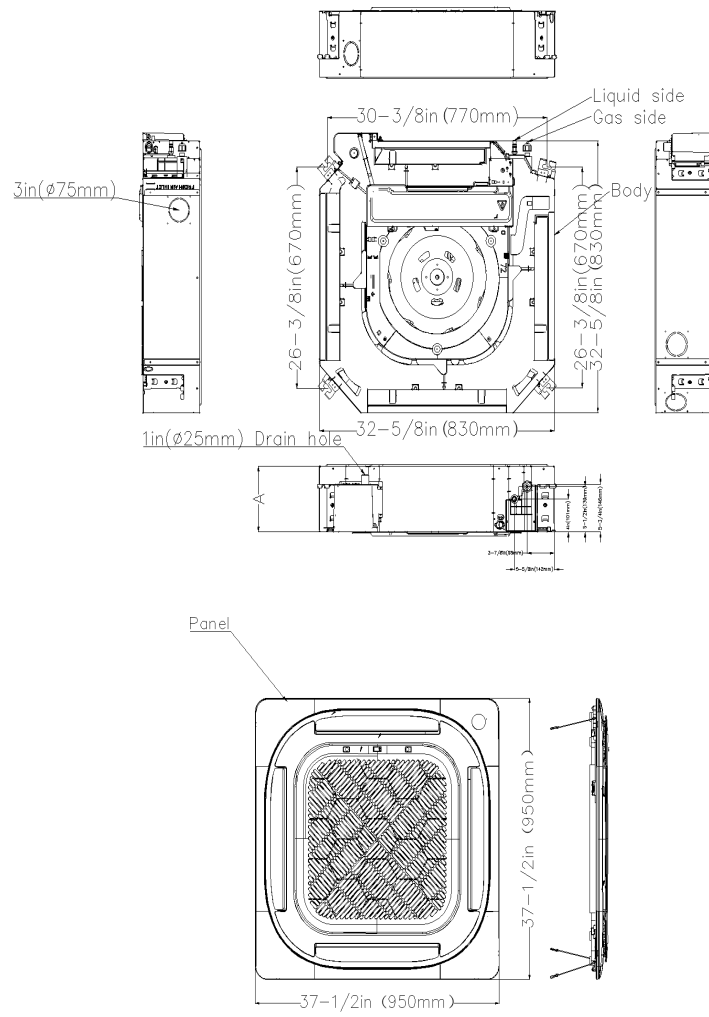
ELECTRICAL

Power Supply	208/230V,60Hz,1Ph
System MCA	33.00
Connection Wiring	14#x3
System MOCP	35
Compressor RLA	21.5
Outdoor Fan Motor RLA	1.4
Outdoor Fan Motor W	120
Indoor Fan Motor RLA	1.0
Indoor Fan Motor W	125
System Power Input @ Cooling (W)	3720(560 ~ 4360)
System Power Input @ Heating (W)	3365(840 ~3580)
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	9.52mm(3/8in)
Gas Size	19mm(3/4in)
Max. Piping Length(ft/m)	246.00(75)
Max. Height Difference(ft/m)	98.40(30)
Max. Pre-charged Length(ft/m)	24.6(7.5)
Refrigerant Pre-charged Amount(oz/kg)	91.71(2.60)
Additional Charge of Refrigerant((oz/ft)/(g/m))	0.32(30)
Connection Method	Flared

Indoor Unit Dimension



Installation Instruction

The diagram illustrates the installation of a ceiling-mounted unit. It shows a cross-section of the ceiling and the unit. The unit consists of two indoor units and a central ventilator. The distance from the ceiling to the ground is indicated as $>90.6\text{in}/230\text{cm}$. The distance from the ceiling to the indoor units is $>59.1\text{in}/150\text{cm}$ (78.7in/200cm recommended). The distance from the ceiling to the ventilator is $>78.7\text{in}/200\text{cm}$. The distance from the ceiling to the front panel is $>157.5\text{in}/400\text{cm}$. The diagram also shows the distance from the ceiling to the ground ($>90.6\text{in}/230\text{cm}$).

The diagram illustrates the installation of a ceiling-mounted unit with a front panel. It shows a cross-section of the ceiling and the unit. The distance from the ceiling to the front panel is labeled as A. The distance from the ceiling to the front panel is labeled as B (Ceiling hole). The diagram also shows the distance from the ceiling to the front panel (A) and the distance from the ceiling to the front panel (B).

MODEL	Length of A	Length of H	Length of B
9K/12K/18K	9.6in (245mm)	$>10.8\text{in}$ (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)	

Technical drawings of the outdoor unit showing front, side, and top views with dimensions in inches and millimeters.

Front View Dimensions:

- Top width: 40-1/2 in (1030 mm)
- Bottom width: 37-1/4 in (946 mm)
- Right side width: 26-1/2 in (673 mm)
- Left side height: 31-7/8 in (810 mm)
- Bottom width (excluding base): 16-1/8 in (410 mm)

Side View Dimensions:

- Top width: 17-7/8 in (455 mm)
- Bottom width: 15-1/4 in (385 mm)
- Right side height: 15-7/8 in (403 mm)
- Top width (excluding base): 16-1/8 in (410 mm)
- Bottom width (excluding base): 14-1/8 in (359 mm)
- Top width (excluding base): 2-3/8 in (60 mm)
- Bottom width (excluding base): 4-1/8 in (105 mm)

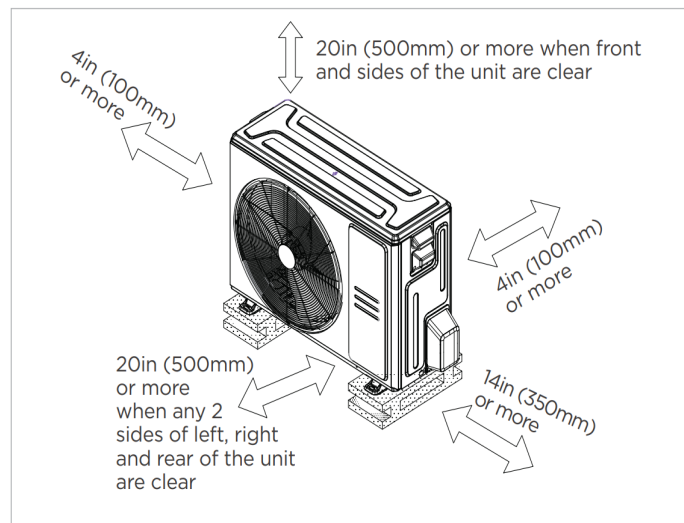
Top View Dimensions:

- Left side width: 17-7/8 in (455 mm)
- Bottom width: 15-1/4 in (385 mm)
- Right side width: 15-7/8 in (403 mm)
- Top width (excluding base): 16-1/8 in (410 mm)
- Bottom width (excluding base): 14-1/8 in (359 mm)
- Top width (excluding base): 2-3/8 in (60 mm)
- Bottom width (excluding base): 4-1/8 in (105 mm)

DETAIL A SCALE 1:1

- Top width: 2-7/8 in (73 mm)
- Bottom width: 7/8 in (24 mm)
- Radius: R10

Installation Instruction



☒ 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.