SUBMITTAL DATA SHEET

4-Way Cassette Heat Pump System BXL2A48CC4	
Location:	Approval:
Engineer:	Date:
Submitted to:	Construction:
Submitted by:	Unit #:
Reference:	Drawing #:



INDOOR SPEINDOOR SPECIFICATIONCIFICATION		
Indoor Air Flow (Turbo/H/M/L/Si) (CFM)		1236.1 / 1124.2 / 1018.3 / 800.5 / 688.7
Indoor Noise Level (Turbo/H/M/L/Si) (dBA)		N\A/52.0/49.5/41.5/38.00
Dimension (W×D×H)	inch	32.68 x 32.68 x 11.30
	mm	830.0×830.0×287.0
Package (W×D×H)	inch	35.83 x 35.83 x 12.99
	mm	910×910×330
Net/Gross Weight	lbs	64.59/76.06
	kg	29.3/34.5

OUTDOOR SPECIFICATION		
Compressor Type		TWIN-ROTARY
Compressor Model		EKPQ420D1UMUA
Refrigerant		R454B
Refrigerant Oil Charge(mL)		1460ml
Refrigerant Oil		3265
Outdoor Air Flow (Max) (CFM)		4237.9
Outdoor Noise Level (dBA)		62.5
Dimension (W×D×H)	inch	37.48 x 16.34 x 52.48
	mm	952.0×415.0×1333.0
Package (W×D×H)	inch	43.11 x 19.49 x 57.48
	mm	1095×495×1460
Net/Gross Weight	lbs	208.78/239.86
	kg	94.7/108.8

EFFICIENCY			
Cooling		Heating	
SEER2	18	HSPF2-4	11.0
EER2	10.0	COP	3.09

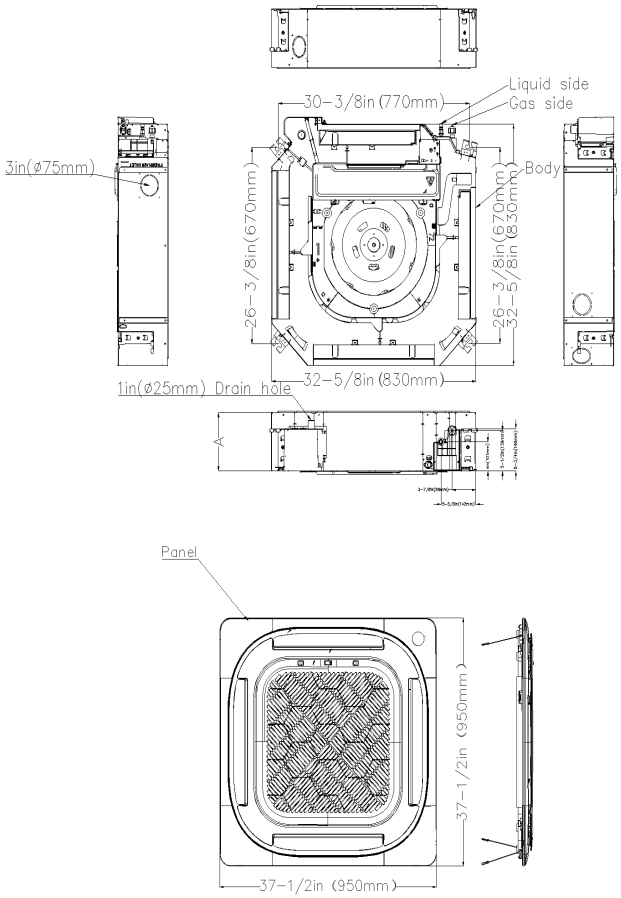
ELECTRICAL	
Power Supply	208/230V,60Hz,1Ph
System MCA	44.00
Connection Wiring	14#x3
System MOCP	45
Compressor RLA	27.0
Outdoor Fan Motor RLA	1.2
Outdoor Fan Motor W	85
Indoor Fan Motor RLA	1.0
Indoor Fan Motor W	125
System Power Input @ Cooling (W)	4800(710 ~ 5750)
System Power Input @ Heating (W)	5027(1135 ~5660)
MCA: Min. circuit amps (A)	**MOCP**: Max. over current protection (A)
RLA: Rated load amps (A)	**W:** Fan motor rated output (W)

PERFORMANCE of Cooling	
Cooling (Btu/hr)	
Rated Capacity	48000
Min/Max Capacity	4900~52700
Moisture Removal(L/h)	6.13
Standard Operating Range(℉/℃)	-22～122(-30～50)
Conditions:	Indoor: 80℉ DB/67℉ WB
	Outdoor: 95℉ DB/75℉ WB

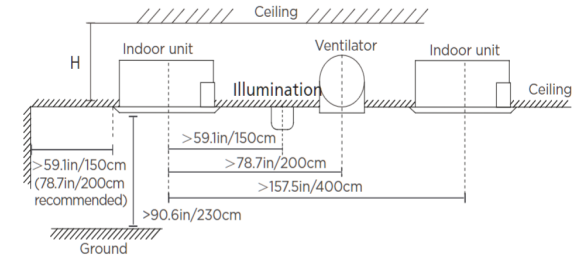
PERFORMANCE of Heating	
Heating (Btu/hr)	
1. @ 47℉ Rated	53000
1. @ 47℉ Min/Max Capacity	19000~57400
2. @ 17℉ Rated	44000
3. @ 5℉ Rated: Capacity / COP	47500/1.96
3. @ 5℉ Max: Capacity	47500
Standard Operating Range(℉/℃)	-22～75(-30～24)
1. Conditions:	Indoor: 70℉ DB/60℉ WB
	Outdoor: 47℉ DB/43℉ WB
2. Conditions:	Indoor: 70℉ DB/60℉ WB
	Outdoor: 17℉ DB/15℉ WB
3. Conditions	Indoor: 70℉ DB/60℉ WB
	Outdoor: 5℉ DB/5℉ WB

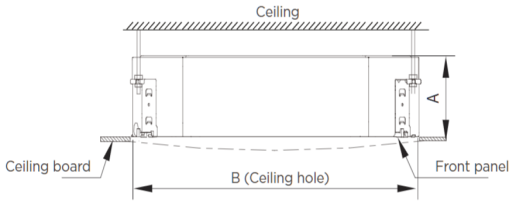
PIPING	
Throttle type(Indoor)	N/A
Throttle type(Outdoor)	EXV+Throttle valve
Liquid Size	9.52mm(3/8in)
Gas Size	19mm(3/4in)
Max. Piping Length(ft/m)	246.00(75)
Max. Height Difference(ft/m)	98.40(30)
Max. Pre-charged Length(ft/m)	24.6(7.5)
Refrigerant Pre-charged Amount(oz/kg)	126.99(3.60)
Additional Charge of Refrigerant((oz/ft)/(g/m))	0.32(30)
Connection Method	Flared

Indoor Unit Dimension



Installation Instruction

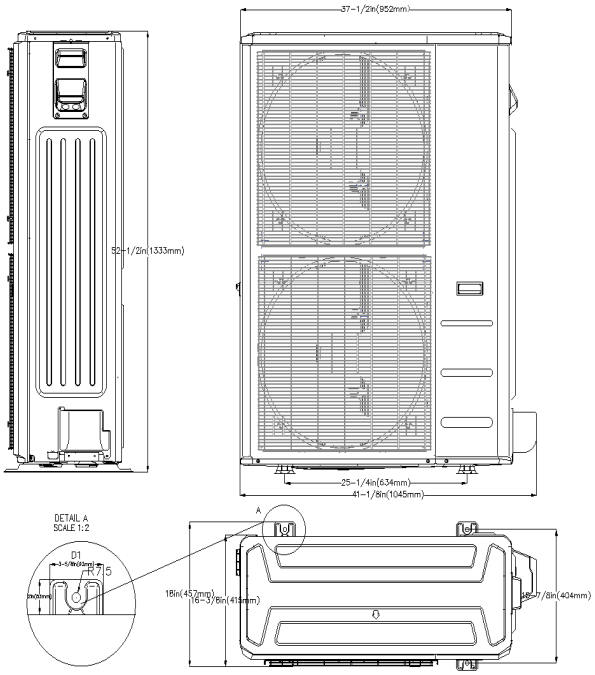




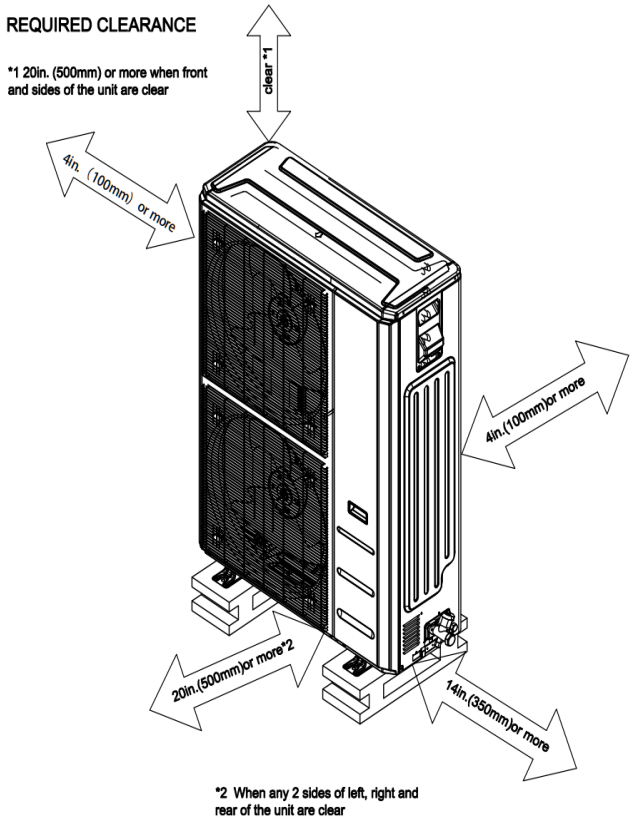
Distance from ceiling relative to height of indoor unit

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



Installation Instruction



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.