SUBMITTAL DATA SHEET

Ceiling&Floor Heat Pump System BXL2A60FC	
Location:	Approval:
Engineer:	Date:
Submitted to:	Construction:
Submitted by:	Unit #:
Reference:	Drawing #:



INDOOR SPEINDOOR SPECIFICATIONCIFICATION		
Indoor Air Flow (Turbo/H/M/L/Si) (CFM)		1365.6 / 1236.1 / 1118.3 / 882.9 / 777.0
Indoor Noise Level (Turbo/H/M/L/Si) (dBA)		N\A/54.5/49.0/42.0/39.0
Dimension (W×D×H)	inch	64.96 x 26.57 x 9.25
	mm	1650.0×675.0×235.0
Package (W×D×H)	inch	67.91 x 29.72 x 12.52
	mm	1725×755×318
Net/Gross Weight	lbs	95.24/111.33
	kg	43.2/50.5

OUTDOOR SPECIFICATION		
Compressor Type		TWIN-ROTARY
Compressor Model		EKPQ440D1UMUB
Refrigerant		R454B
Refrigerant Oil Charge(mL)		1300
Refrigerant Oil		VG75
Outdoor Air Flow (Max) (CFM)		4237.9
Outdoor Noise Level (dBA)		64.5
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 58.27
	mm	1095×495×1480
Net/Gross Weight	lbs	230.38/261.69
	kg	104.5/118.7

EFFICIENCY			
Cooling		Heating	
SEER2	18	HSPF2-4	10.7
EER2	9.0	COP	3.02

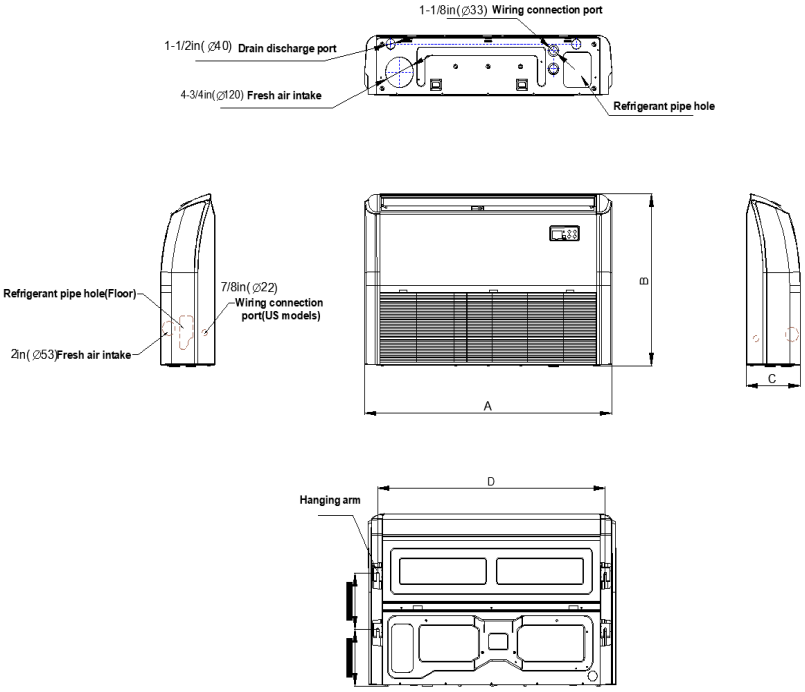
ELECTRICAL	
Power Supply	208/230V,60Hz,1Ph
System MCA	44.00
Connection Wiring	14#x3
System MOCP	45
Compressor RLA	26.8
Outdoor Fan Motor RLA	2.2
Outdoor Fan Motor W	85
Indoor Fan Motor RLA	2.0
Indoor Fan Motor W	160
System Power Input @ Cooling (W)	6000(2000 ~ 5900)
System Power Input @ Heating (W)	5823(1240 ~6000)
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	54000
Min/Max Capacity	20000~54500
Moisture Removal(L/h)	7.16
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	60000
1. @ 47℉ Min/Max Capacity	21700~65500
2. @ 17℉ Rated	41000
3. @ 5℉ Rated: Capacity / COP	54000/1.91
3. @ 5℉ Max: Capacity	54000
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

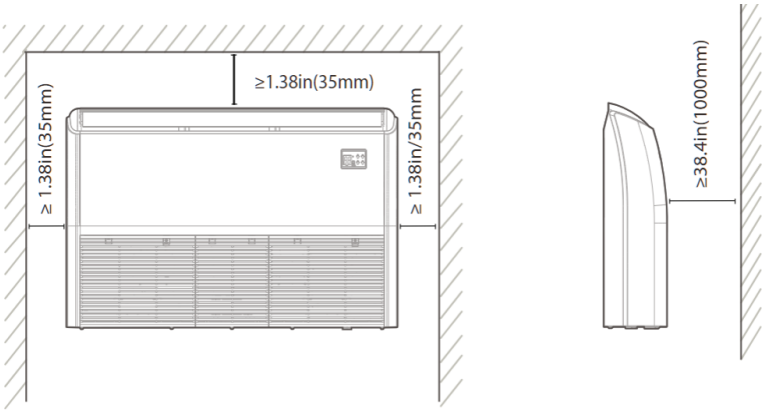
PIPING	
Throttle type(Indoor)	N/A
Throttle type(Outdoor)	EXV+Throttle valve
Liquid Size	9.52mm(3/8in)
Gas Size	19mm(3/4in)
Max. Piping Length(ft/m)	246.00(75)
Max. Height Difference(ft/m)	98.40(30)
Max. Pre-charged Length(ft/m)	24.6(7.5)
Refrigerant Pre-charged Amount(oz/kg)	151.68(4.30)
Additional Charge of Refrigerant((oz/ft)/(g/m))	0.32(30)
Connection Method	Flared

Indoor Unit Dimension

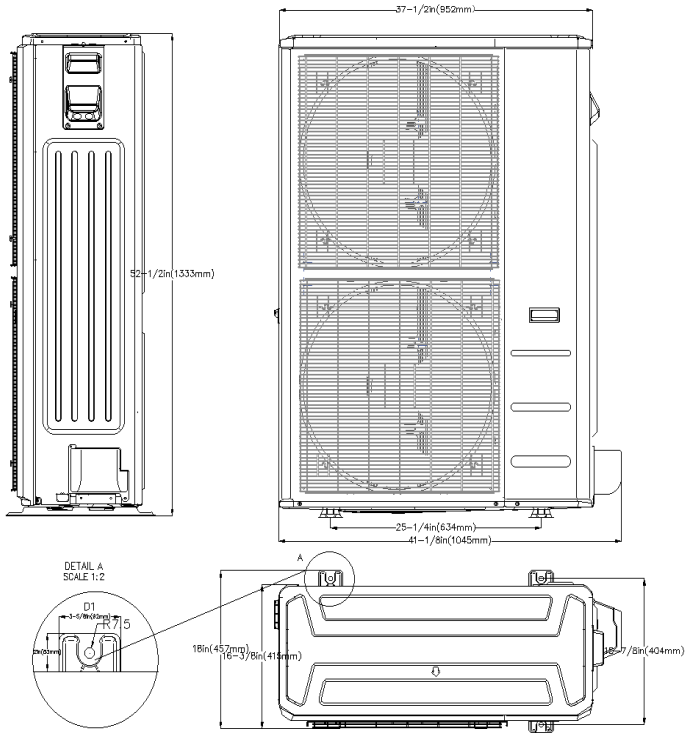


Model	**A**	**B**	**C**	**D**
18K/24K	42in(1068mm)	26-1/2in(675mm)	9-1/4in(235mm)	38-3/4in(983mm)
36K/48K/60K	65in(1650mm)	26-1/2in(675mm)	9-1/4in(235mm)	61-5/8in(1565mm)

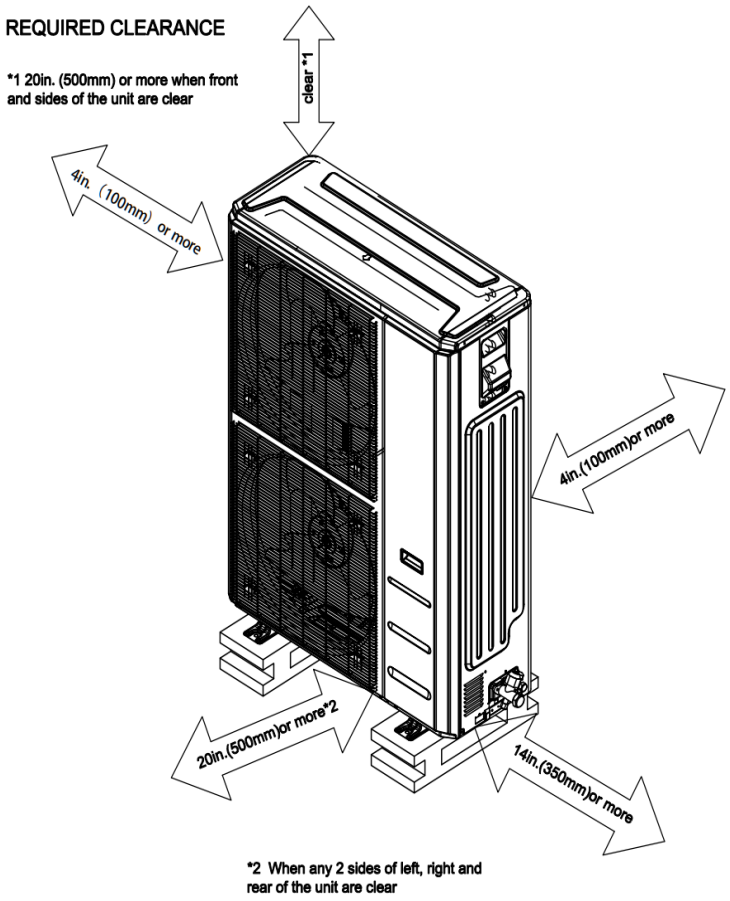
Installation Instruction



Outdoor Unit Dimension



Installation Instruction



FEATURES

- 2 Style Installation
- 3D Airflow
- Refrigerant leakage detection sensor
- Humidity sensor
- “88” display tube
- 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.