SUBMITTAL DATA SHEET

Slim Duct Heat Pump System BXL2A60CDH	
Location:	Approval:
Engineer:	Date:
Submitted to:	Construction:
Submitted by:	Unit #:
Reference:	Drawing #:



INDOOR SPEINDOOR SPECIFICATIONCIFICATION		
Indoor Air Flow (Turbo/H/M/L/Si) (CFM)		2001.2 / 1706.9 / 1412.6 / 1118.3 / N\A
Indoor Noise Level (Turbo/H/M/L/Si) (dBA)		N\A/52/48/42/41
Indoor static pressure range(in.w.g.)		0-0.8
Dimension (W×D×H)	inch	55.12 x 31.50 x 14.96
	mm	1400.0×800.0×380.0
Package (W×D×H)	inch	62.99 x 36.02 x 17.52
	mm	1600×915×445
Net/Gross Weight	lbs	161.38/178.13
	kg	73.2/80.8

OUTDOOR SPECIFICATION		
Compressor Type		TWIN-ROTARY
Compressor Model		EKPQ440D1UMUB
Refrigerant		R454B
Refrigerant Oil Charge(mL)		1300ml
Refrigerant Oil		7.3
Outdoor Air Flow (Max) (CFM)		4237.9
Outdoor Noise Level (dBA)		63.0
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	15.8	HSPF2-4	10.4
EER2	10.2	COP	3.74

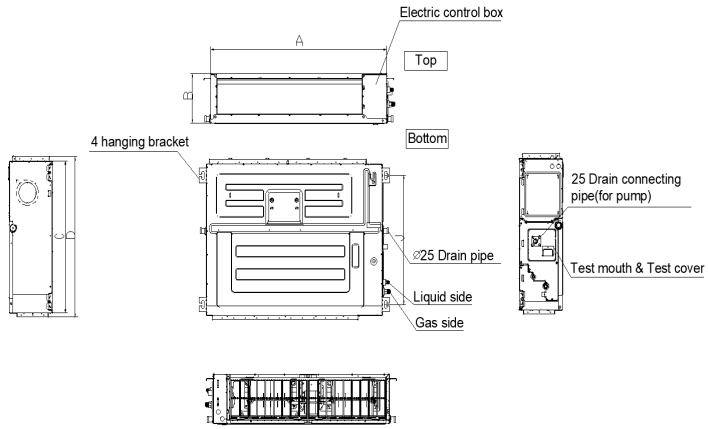
ELECTRICAL	
Power Supply	208/230V,60Hz,1Ph
System MCA	44.00
Connection Wiring	14#x3
System MOCP	45
Compressor RLA	26.8
Outdoor Fan Motor RLA	2.2
Outdoor Fan Motor W	85
Indoor Fan Motor RLA	4.0
Indoor Fan Motor W	560
System Power Input @ Cooling (W)	5400(1160 ~ 6120)
System Power Input @ Heating (W)	4700(795 ~5150)
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	55000
Min/Max Capacity	14200~60000
Moisture Removal(L/h)	3.63
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	11200~66000
2. @ 17℉ Rated	45000
3. @ 5℉ Rated: Capacity / COP	53500/2.10
3. @ 5℉ Max: Capacity	53500
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



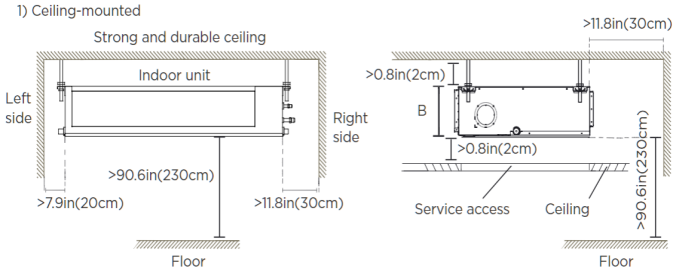
MODEL	A	B	C	D
9K	27-1/2in(700mm)	7-7/8in(200mm)	17-3/4(450mm)	20in(506mm)
12K	27-1/2in(700mm)	9-5/8in(245mm)	29-1/2(750mm)	31-1/4in(795mm)
18K~24K	39-3/8in(1000mm)	9-5/8in(245mm)	29-1/2(750mm)	31-1/4in(795mm)
36K~48K	47-1/8in(1200mm)	11-7/8in(300mm)	29-1/2(750mm)	31-1/4in(795mm)
60K	55-1/8in(1400mm)	15in(380mm)	31-1/2in(800mm)	33-1/4in(845mm)

Installation Instruction

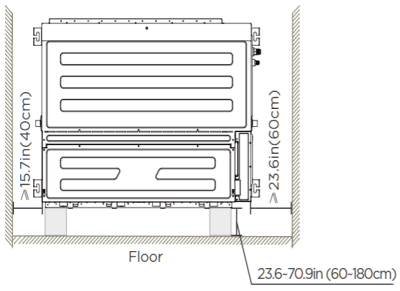
Installation place

The distance between the mounted indoor unit should meet the specifications illlustrated in the following diagram.

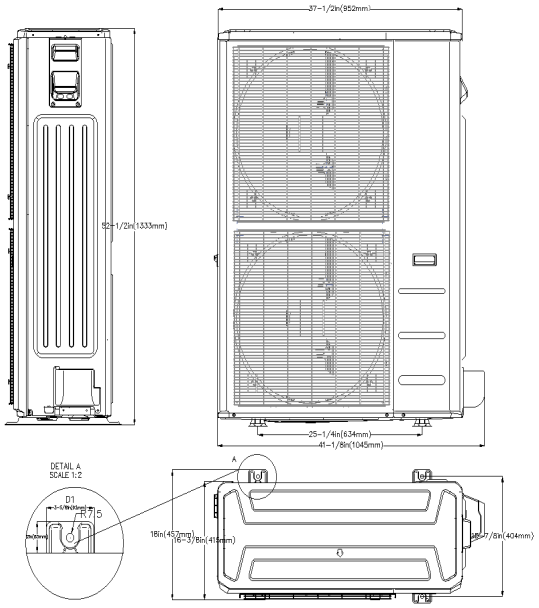
1) Ceiling-mounted



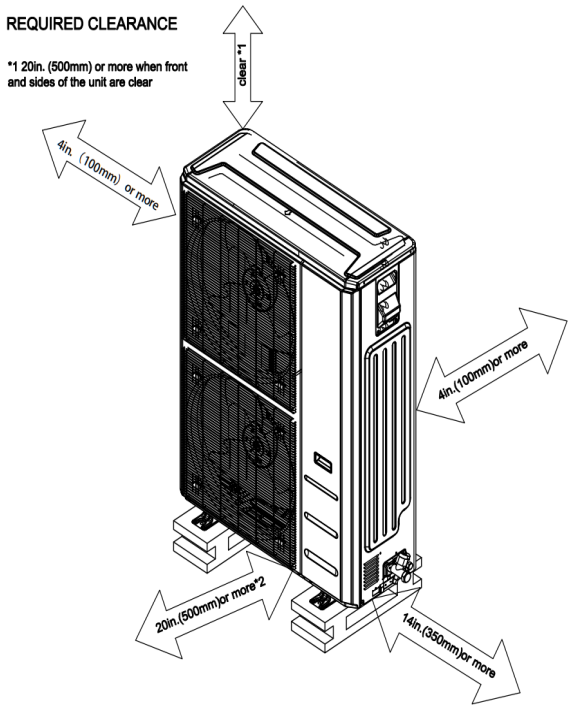
2) Wall-mounted



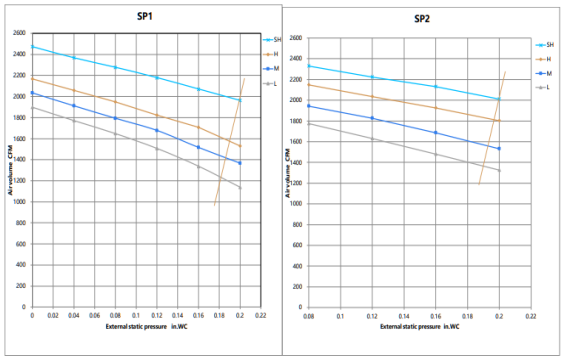
Outdoor Unit Dimension

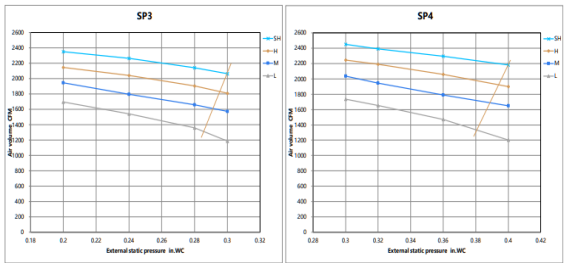


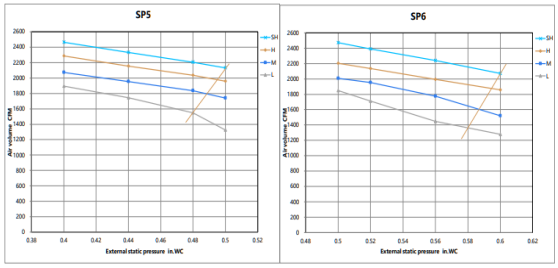
Installation Instruction

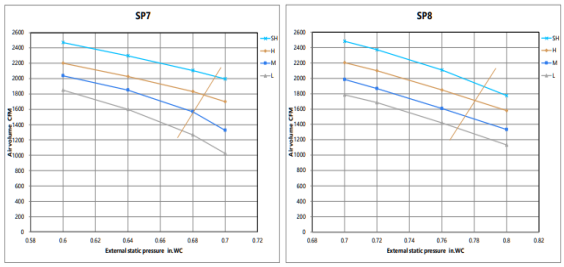


Fan performance

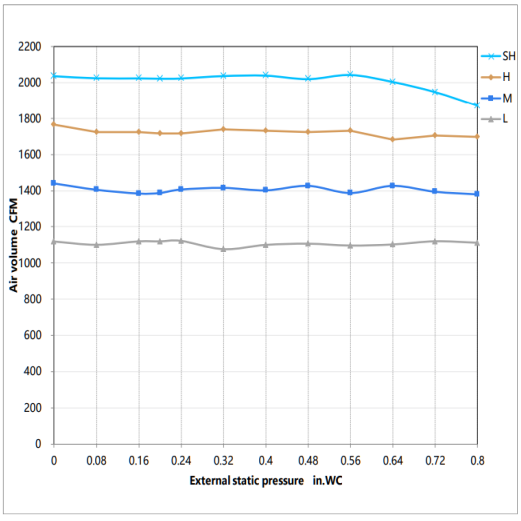








Constant air volume



FEATURES

- Compatible with both horizontal and vertical installation
- Static pressure up to 0.8 in.w.g(for all models)
- Static pressure setting stages: 8
- Refrigerant leakage detection sensor
- Constant airflow
- Built-in pump
- i-clean
- Fan speed stages: 1~100%
- WiFi capability: through wired controller with built-in WiFi
- OTA(by using wired controller 120N(X6W))
- 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.