

SUBMITTAL DATA SHEET

High Wall Heat Pump System BXS6A18WM0-BXS6A18UC0

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



EFFICIENCY			
Cooling		Heating	
SEER2	25.6	HSPF2-4	16.2
EER2	15.0	COP	4.40

PERFORMANCE of Cooling	
Cooling (Btu/hr)	
Rated Capacity	18000
Min/Max Capacity	12600~27900
Moisture Removal(L/h)	1.1
Standard Operating Range(°F/°C)	-22~122(-30~50)
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	20000
1. @ 47°F Min/Max Capacity	9700~29700
2. @ 17°F Rated	19300
3. @ 5°F Rated: Capacity / COP	22600/2.34
3. @ 5°F Max: Capacity	22600
Standard Operating Range(°F/°C)	-22~75(-30~24)
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

INDOOR SPECIFICATION

Indoor Air Flow (Turbo/H/M/L/Si) (CFM)	812.3 / 618.0 / 412.0 / 317.8 /	
Indoor Noise Level (Turbo/H/M/L/Si) (dBA)	54.5/43.5/38.5/27/16	
Dimension (WxDxH)	inch mm	46.85x11.20x14.59 1190x285x371
Package (WxDxH)	inch mm	50.39x14.17x17.91 1280x360x455
Net/Gross Weight	lbs kg	43.65/55.56 19.8/25.2

OUTDOOR SPECIFICATION

Compressor Type	ROTARY	
Compressor Model	KTM240D46UKT2	
Refrigerant	R454B	
Refrigerant Oil Charge(mL)	620	
Refrigerant Oil	VG74	
Outdoor Air Flow (Max) (CFM)	2235.3	
Outdoor Noise Level (dBA)	61.5	
Dimension (WxDxH)	inch mm	37.24 x 16.14 x 31.89 946.0x410.0x810.0
Package (WxDxH)	inch mm	42.91 x 19.68 x 34.84 1090x500x885
Net/Gross Weight	lbs kg	130.29/141.31 59.1/64.1

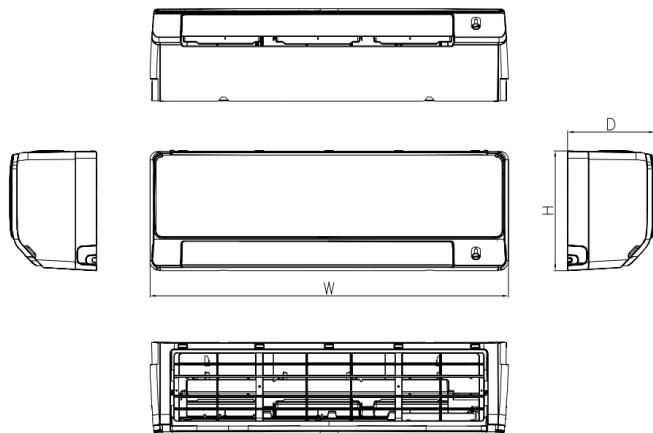
ELECTRICAL

Power Supply	208/230V,60Hz,1Ph
System MCA	24.9
Connection Wiring	14#x4
System MOPC	25
Compressor RLA	15.0
Outdoor Fan Motor RLA	1.3
Outdoor Fan Motor W	120
Indoor Fan Motor RLA	1.3
Indoor Fan Motor W	58
System Power Input @ Cooling (W)	1200(940~ 2280)
System Power Input @ Heating (W)	1332(525 ~2440)
MCA: Min. circuit amps (A)	MOPC: 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	15.9mm(5/8in)
Max. Piping Length(ft/m)	164.00(50)
Max. Height Difference(ft/m)	82.00(25)
Max. Pre-charged Length(ft/m)	24.6(7.5)
Refrigerant Pre-charged Amount(oz/g)	63.49(1.8)
Additional Charge of Refrigerant((oz/ft)/(g/m)	0.32(30)
Connection Method	Flared

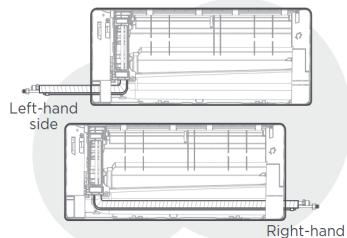
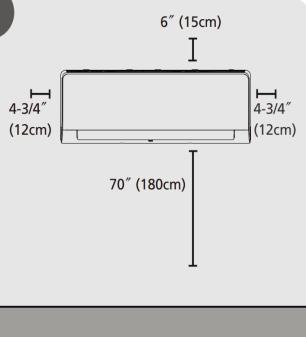
Indoor Unit Dimension



Capacity	Body Code	Unit	W	D	H
6k~12k	C	mm	1017	248	319
		inch	40	9-3/4	12-1/2
18k	D	mm	1190	285	371
		inch	46-7/8	11-1/4	14-5/8

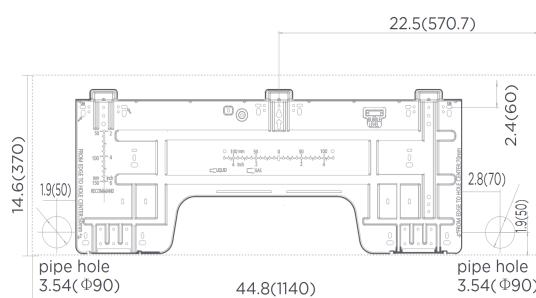
Installation Instruction

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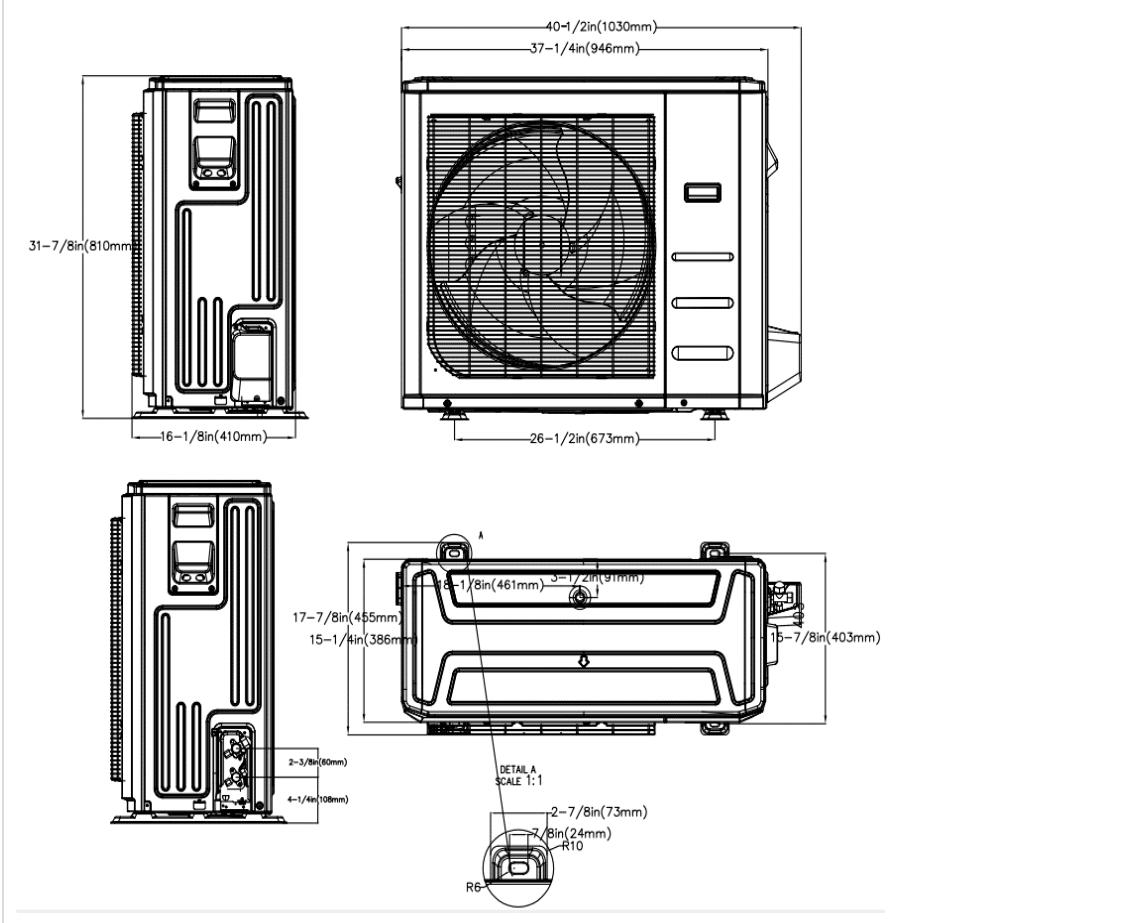
NOTE:
Based on the position of the wall hole relative to the mounting plate, choose the side from which the piping will exit the unit. You have four options for the exit direction of the piping.

Select Installation Location

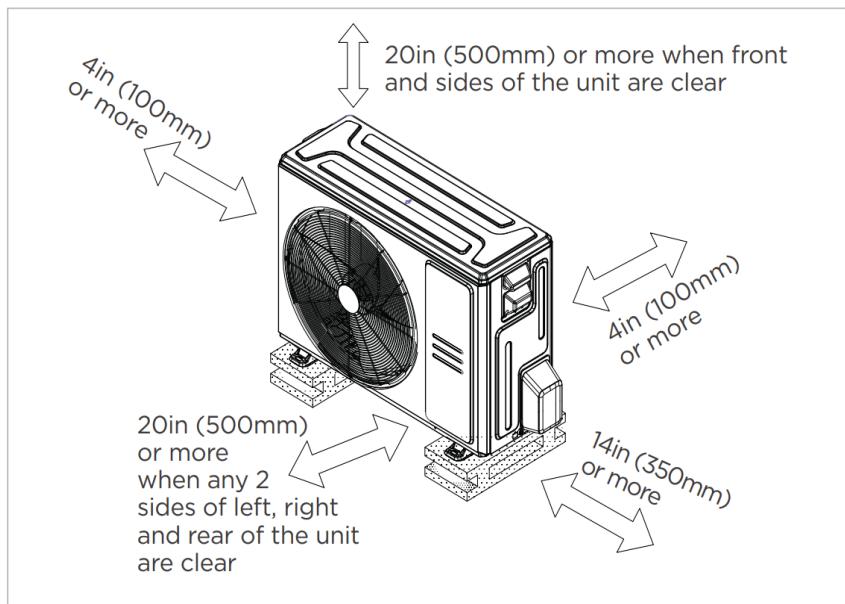


NOTE:
When the gas side connective pipe is Φ (5/8in)16mm or more, the wall hole should be (3-1/2in)90mm.

Outdoor Unit Dimension



Installation Instruction



Meets all spatial requirements shown in Installation Clearance Requirements above.

FEATURES

- Intelligent eye
- Easy maintenance design
- Indoor unit TU1 copper coil
- Humidity control
- 1~100% fan speed setting
- WiFi capability: through WiFi dongle or wired controller with built-in WiFi
- OTA(by using WiFi dongle)
- 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.