SUBMITTAL DATA SHEET

High Wall Heat Pump System	
Location:	Approval:
Engineer:	Date:
Submitted to:	Construction:
Submitted by:	Unit #:
Reference:	Drawing #:

INDOOR SPECIFICATION		
Indoor Air Flow (Turbo/H/M/L/Si) (CFM)		347.3 / 294.3 / 194.2 / 153.0 / /
Indoor Noise Level (Turbo/H/M/L/Si) (dBA)		46/41/35/24/18.5
Dimension (W×D×H)	**inch**	31.57 x 7.87 x 11.61
	mm	802.0×200.0×295.0
Package (W×D×H)	**inch**	34.45 x 11.22 x 14.96
	mm	875×285×380
Net/Gross Weight	**lbs**	18.96/25.13
	kg	8.6/11.4

OUTDOOR SPECIFICATION		
Compressor Type		ROTARY
Compressor Model		KSN98D64UFZ3
Refrigerant		R454B
Refrigerant Oil Charge(mL)		300
Refrigerant Oil		VG74
Outdoor Air Flow (Max) (CFM)		1235.3
Outdoor Noise Level (dBA)		53.0
Dimension (W×D×H)	**inch**	30.12 x 11.93 x 21.85
	mm	765.0×303.0×555.0
Package (W×D×H)	**inch**	34.92 x 13.27 x 24.02
	mm	887×337×610
Net/Gross Weight	**lbs**	59.08/64.37
	kg	26.8/29.2

EFFICIENCY			
Cooling		**Heating**	
SEER2	21.3	**HSPF2-4**	9.2
EER2	10.8	**COP**	3.34

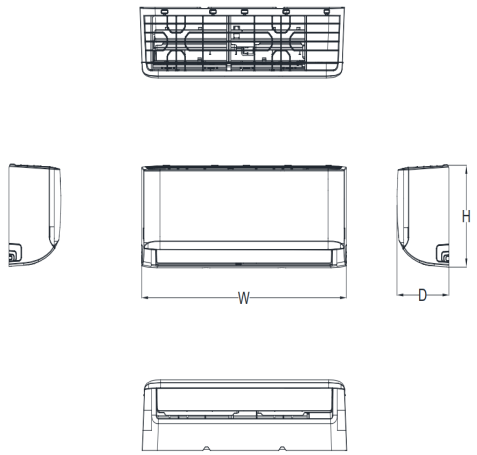
ELECTRICAL	
Power Supply	208/230V,60Hz,1Ph
System MCA	13.0
Connection Wiring	14#x4
System MOCP	15
Compressor RLA	7.5
Outdoor Fan Motor RLA	0.4
Outdoor Fan Motor W	34
Indoor Fan Motor RLA	0.4
Indoor Fan Motor W	30
System Power Input @ Cooling (W)	1111(220 ~ 1430)
System Power Input @ Heating (W)	1053(235 ~1310)
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	12000
Min/Max Capacity	2700~13800
Moisture Removal(L/h)	1.4
Standard Operating Range(℉/℃)	5~122(-15~50)
Conditions:	Indoor: 80℉ DB/67℉ WB
	Outdoor: 95℉ DB/75℉ WB

PERFORMANCE of Heating	
Heating (Btu/hr)	
1. @ 47℉ Rated	12000
1. @ 47℉ Min/Max Capacity	4200~14100
2. @ 17℉ Rated	8300
3. @ 5℉ Rated: Capacity / COP	8000/1.80
3. @ 5℉ Max: Capacity	8000
Standard Operating Range(℉/℃)	5~75(-15~24)
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

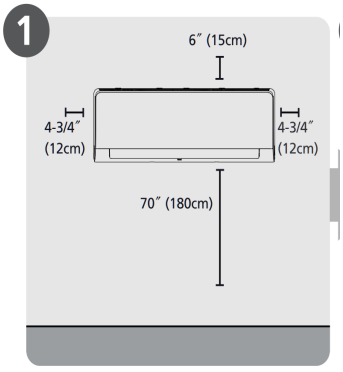
PIPING	
Throttle type(Indoor)	N/A
Throttle type(Outdoor)	Capillary
Liquid Size	6.35mm(1/4in)
Gas Size	9.52mm(3/8in)
Max. Piping Length(ft/m)	82.00(25)
Max. Height Difference(ft/m)	49.20(15)
Max. Pre-charged Length(ft/m)	24.6(7.5)
Refrigerant Pre-charged Amount(oz/g)	24.69(0.7)
Additional Charge of Refrigerant((oz/ft)/(g/m))	0.16(15)
Connection Method	Flared

Indoor Unit Dimension

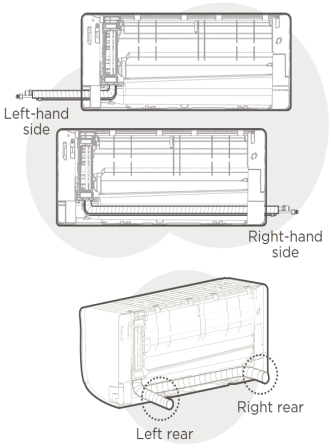


Capacity	Body Code	W(inch/mm)	D(mm/inch)	H(mm/inch)
6K~9K	A	28-3/4in /729mm	7-7/8in /200mm	11-1/2in /292mm
9K~12K	B	31-5/8in /802mm	7-7/8in /200mm	11-5/8in /295mm
18K	C	38-1/4in /971mm	9in/228mm	12-5/8in /321mm
18K~24K	D	42-5/8in /1082mm	9-1/4in/234mm	13-1/4in /337mm
30K~36K	F	49-5/8in /1259mm	11-1/8in/283mm	14-1/4in /362mm

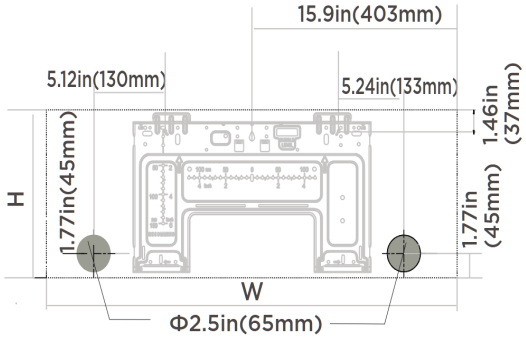
Installation Instruction



Select Installation Location



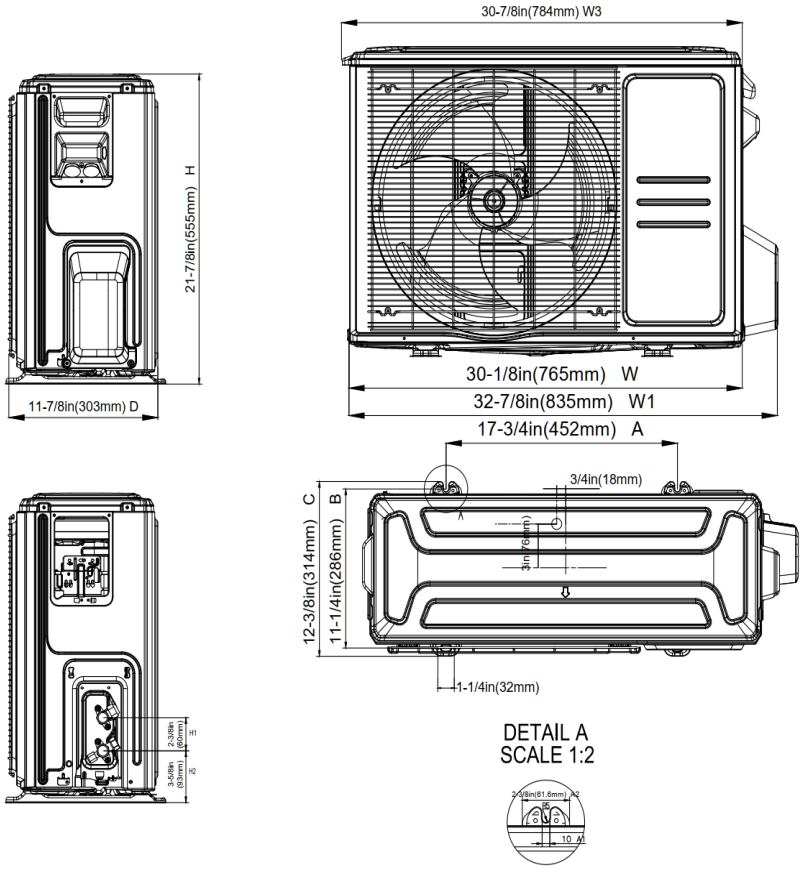
NOTE:
Based on the position of the wall hole relative to the mounting plate, choose the side from which the piping will exit the unit. You have four options for the exit direction of the piping.



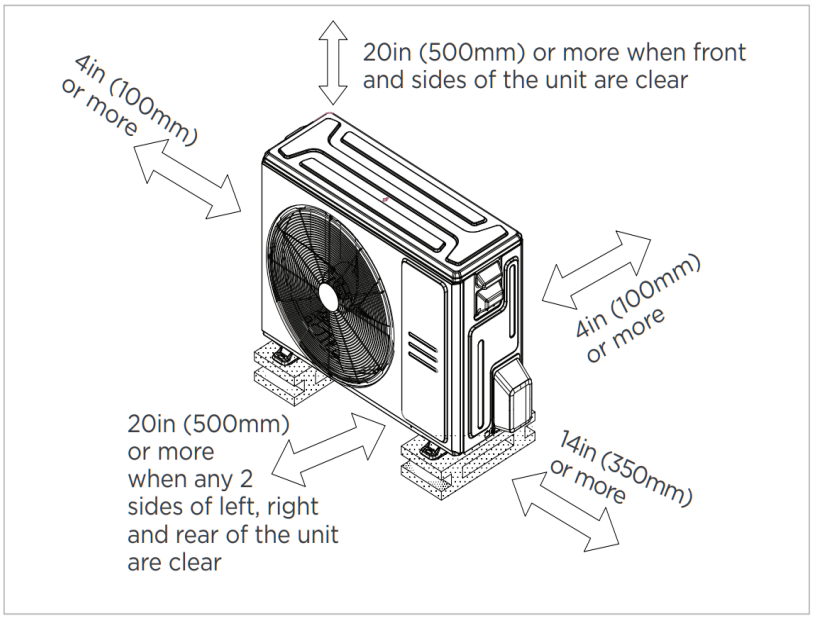
NOTE:
When the gas side connective pipe isΦ (5/8in)16mm or more, the wall hole shouldbe (3-1/2in)90mm.

Indoor unit dimensions(WxH):
31.7in(806mm)x11.65in(296mm)

Outdoor Unit Dimension



Installation Instruction



☑ Meets all spatial requirements shown in Installation Clearance Requirements above.

FEATURES

- 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.