

SUBMITTAL DATA SHEET

Console 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)	441.4 / 376.7 / 323.7 / 188.4 / 129.5
Indoor Noise Level (Turbo/H/M/L/Si) (dBA)	42/39/34.5/29.5/23.5
Dimension (WxDxH)	inch 31.26 x 7.87 x 24.45
	mm 794.0x200.0x621.0
Package (WxDxH)	inch 34.06 x 11.02 x 28.31
	mm 865x280x719
Net/Gross Weight	lbs 32.85/41.89
	kg 14.9/19

OUTDOOR SPECIFICATION	
Compressor Type	ROTARY
Compressor Model	KSK103D33UEZ3
Refrigerant	R454B
Refrigerant Oil Charge(mL)	310
Refrigerant Oil	VG74
Outdoor Air Flow (Max) (CFM)	1236.1
Outdoor Noise Level (dBA)	54.5
Dimension (WxDxH)	inch 30.12 x 11.93 x 21.85
	mm 765.0x303.0x555.0
Package (WxDxH)	inch 34.92 x 13.27 x 24.02
	mm 887x337x610
Net/Gross Weight	lbs 62.17/67.68
	kg 28.2/30.7

EFFICIENCY			
Cooling		Heating	
SEER2	24.6	HSPF2-4	11.0
EER2	12.7	COP	3.90

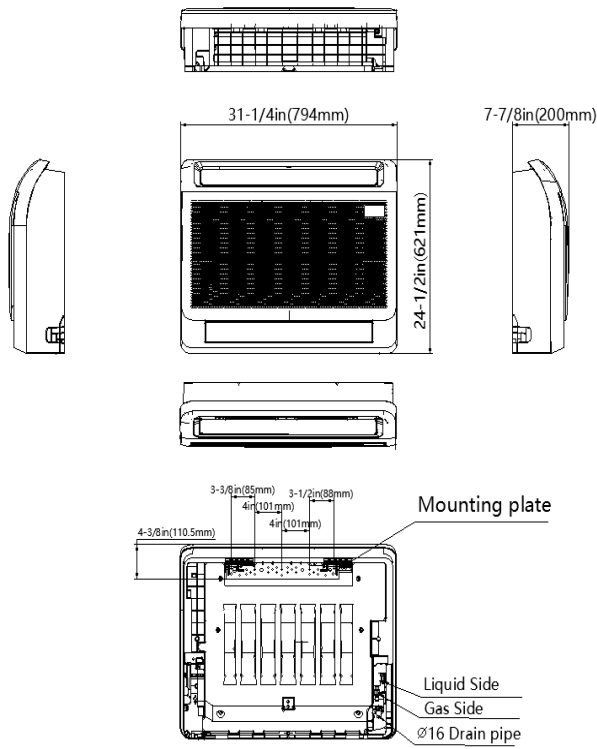
PERFORMANCE of Cooling	
Cooling (Btu/hr)	
Rated Capacity	12000
Min/Max Capacity	4000~13100
Moisture Removal(L/h)	1.28
Standard Operating Range(°F/°C)	-13~122(-25~50)
Conditions:	Indoor: 80°F DB/67°F WB Outdoor: 95°F DB/75°F WB

PERFORMANCE of Heating	
Heating (Btu/hr)	
1. @ 47°F Rated	12000
1. @ 47°F Min/Max Capacity	5100~12900
2. @ 17°F Rated	9000
3. @ 5°F Rated: Capacity / COP	8900/2.50
3. @ 5°F Max: Capacity	8900
Standard Operating Range(°F/°C)	-13~75(-25~24)
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

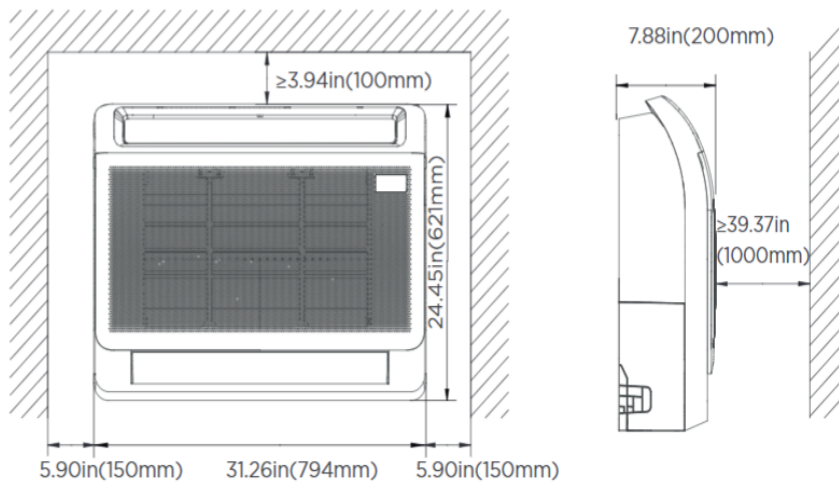
ELECTRICAL	
Power Supply	208/230V,60Hz,1Ph
System MCA	12.00
Connection Wiring	14#x4
System MOCP	15
Compressor RLA	7.3
Outdoor Fan Motor RLA	0.6
Outdoor Fan Motor W	34
Indoor Fan Motor RLA	0.5
Indoor Fan Motor W	13
System Power Input @ Cooling (W)	960(200 ~ 1140)
System Power Input @ Heating (W)	897(265 ~1200)
MCA: Min. circuit amps (A)	MOCP: 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
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/kg)	32.45(0.92)
Additional Charge of Refrigerant(oz/ft)/(g/m)	0.16(15)
Connection Method	Flared

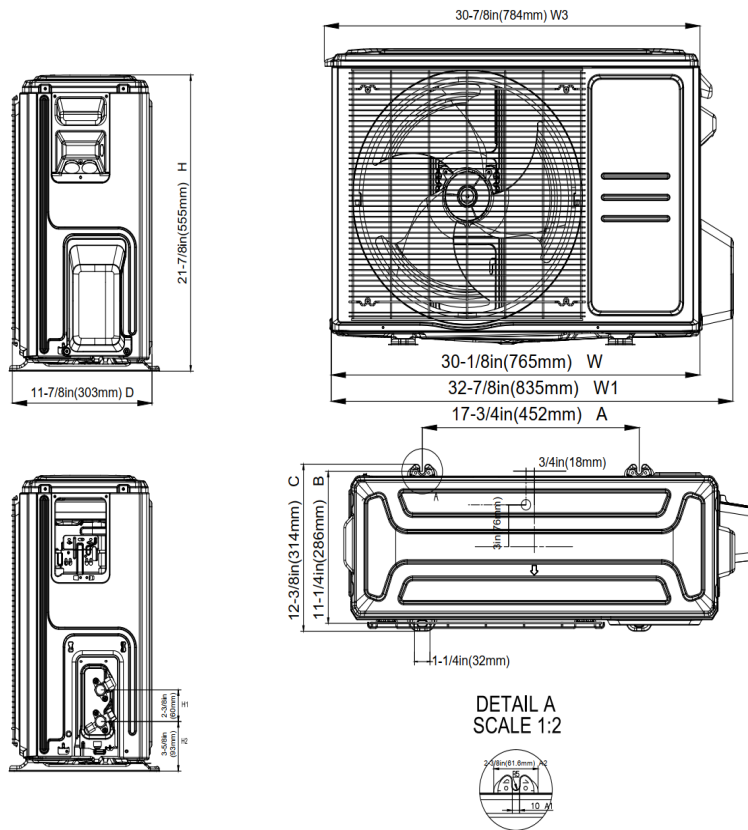
Indoor Unit Dimension



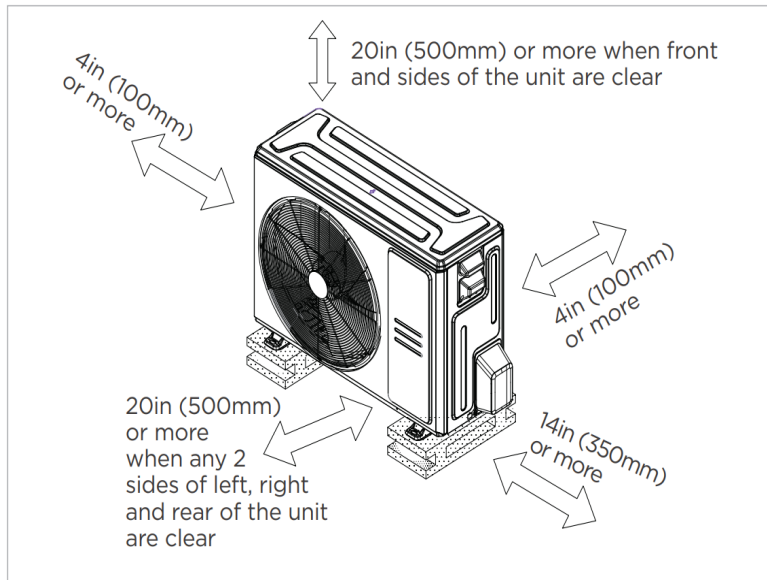
Installation Instruction



Outdoor Unit Dimension



Installation Instruction



Meets all spatial requirements shown in Installation Clearance Requirements above.

FEATURES

- Compact Design
- Dual Air Outlets
- Refrigerant leakage detection sensor
- Humidity sensor
- 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.