

SUBMITTAL DATA SHEET



Series Name: Console Energy Star Series
 Model Number: SZ18H525ZMO/C18H525ZMI

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)	500.3 / 441.4 / 382.6 / 323.7 / 206.0	
Indoor Noise Level (Turbo/H/M/L/Si) (dBA)	NA/41.5/39.0/28.5/24.0	
Dimension (WxDxH)	inch	31.26 x 7.87 x 24.45
Package (WxDxH)	inch	34.06 x 11.02 x 28.31
Net/Gross Weight	lbs	32.85/41.89

OUTDOOR SPECIFICATION		
Compressor Type	ROTARY	
Compressor Model	KSN140D58UFZ	
Refrigerant	R454B	
Refrigerant Oil Charge(mL)	440	
Refrigerant Oil	VG74	
Outdoor Air Flow (Max) (CFM)	1765.8	
Outdoor Noise Level (dBA)	57.0	
Dimension (WxDxH)	inch	35.04 x 13.46 x 26.50
Package (WxDxH)	inch	39.17 x 15.67 x 29.13
Net/Gross Weight	lbs	92.59/100.31

EFFICIENCY			
Cooling		Heating	
SEER2	23.8	HSPF2-4	13.5
EER2	12.5	COP	3.37

PERFORMANCE of Cooling	
Cooling (Btu/hr)	
Rated Capacity	16000
Min/Max Capacity	4700~18000
Moisture Removal(L/h)	2.19
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	17000
1. @ 47°F Min/Max Capacity	7300~22900
2. @ 17°F Rated	14100
3. @ 5°F Rated: Capacity / COP	13100/2.16
3. @ 5°F Max: Capacity	13100
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

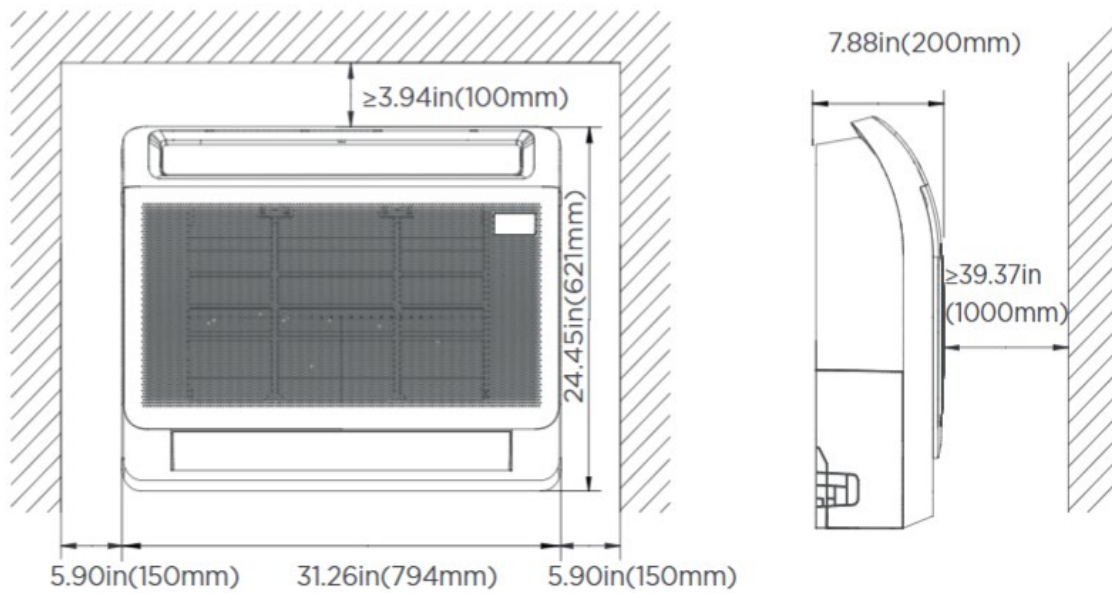
ELECTRICAL	
Power Supply	208/230V,60Hz,1Ph
System MCA	18.00
Connection Wiring	14#x4
System MOCP	20
Compressor RLA	10.0
Outdoor Fan Motor RLA	0.9
Outdoor Fan Motor W	80
Indoor Fan Motor RLA	1.0
Indoor Fan Motor W	13
System Power Input @ Cooling (W)	1280(440 ~ 1600)
System Power Input @ Heating (W)	1478(385 ~1830)
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+Throttle valve
Liquid Size	6.35mm(1/4in)
Gas Size	12.7mm(1/2in)
Max. Piping Length(ft/m)	98.40(30)
Max. Height Difference(ft/m)	65.60(20)
Max. Pre-charged Length(ft/m)	24.6(7.5)
Refrigerant Pre-charged Amount(oz/kg)	47.97(1.36)
Additional Charge of Refrigerant((oz/ft)/(g/m))	0.16(15)
Connection Method	Flared

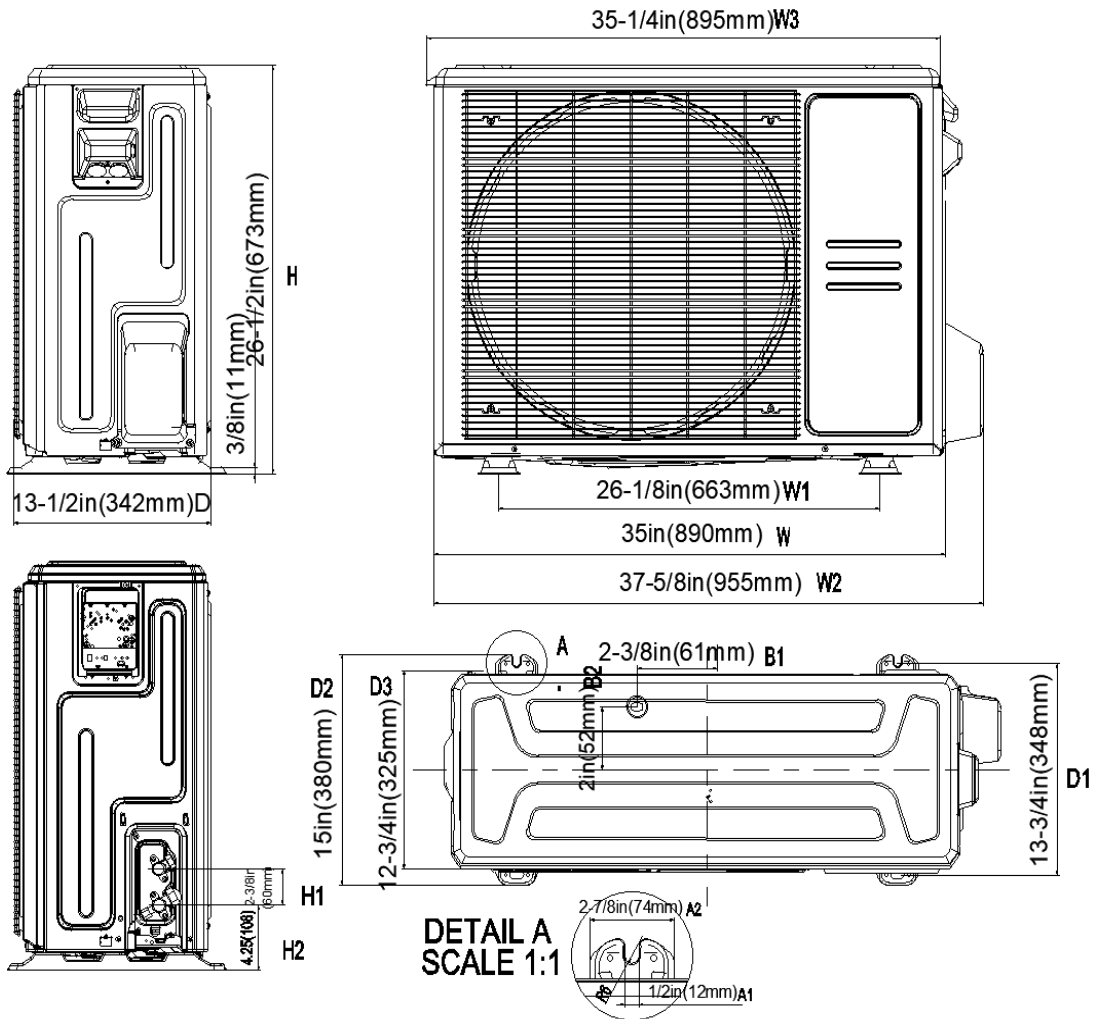
Features

- 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*

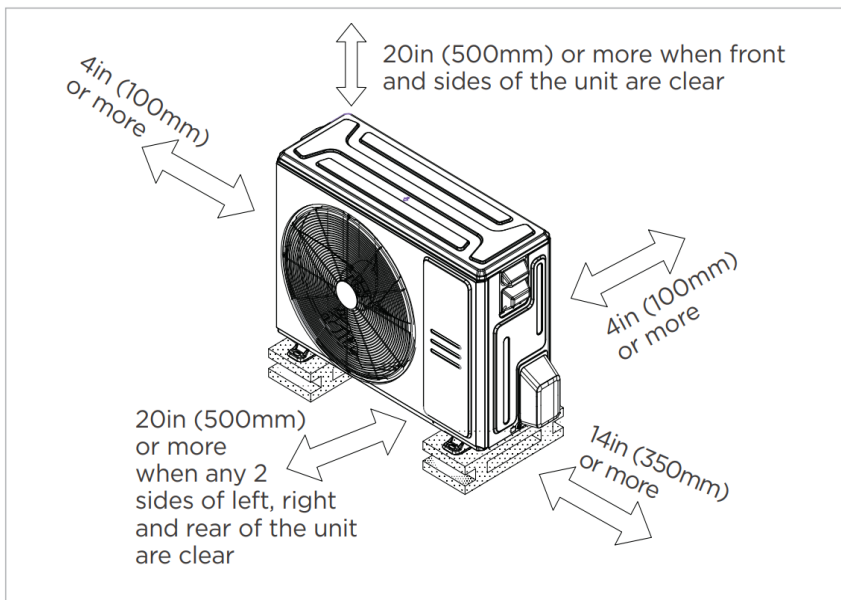
Installation Instruction



Outdoor Unit Dimension



Installation Instruction



☑ Meets all spatial requirements shown in Installation