

SUBMITTAL DATA SHEET



Series Name: Console Peak Heat Single Zone
Model Number: C09H525ZMI/HSZ09H525ZMO

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



INDOOR SPEINDOOR SPECIFICATIONCIFICATION		
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)	45/41.0/37.5/25.5/22.00	
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	KTN110D42UFZ	
Refrigerant	R454B	
Refrigerant Oil Charge(mL)	350	
Refrigerant Oil	VG74	
Outdoor Air Flow (Max) (CFM)	1471.5	
Outdoor Noise Level (dBA)	55.5	
Dimension (WxDxH)	inch	31.69 x 12.99 x 21.81
Package (WxDxH)	inch	36.02 x 14.57 x 24.21
Net/Gross Weight	lbs	72.75/78.70

EFFICIENCY			
Cooling		Heating	
SEER2	27.2	HSPF2-4	10.9
EER2	15.1	COP	4.43

PERFORMANCE of Cooling	
Cooling (Btu/hr)	
Rated Capacity	9000
Min/Max Capacity	3700~13700
Moisture Removal(L/h)	0.81
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	9000
1. @ 47°F Min/Max Capacity	4400~16100
2. @ 17°F Rated	9800
3. @ 5°F Rated: Capacity / COP	11300/1.84
3. @ 5°F Max: Capacity	11300
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

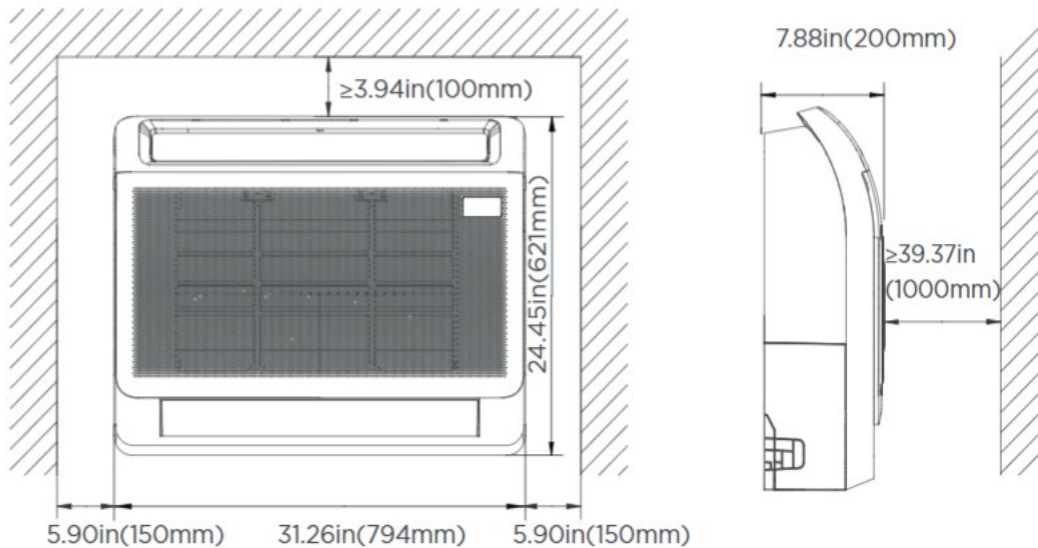
ELECTRICAL	
Power Supply	208/230V, 60Hz, 1Ph
System MCA	15.00
Connection Wiring	14#x4
System MOCP	15
Compressor RLA	10.4
Outdoor Fan Motor RLA	0.6
Outdoor Fan Motor W	34
Indoor Fan Motor RLA	0.5
Indoor Fan Motor W	13
System Power Input @ Cooling (W)	592(190 ~ 1150)
System Power Input @ Heating (W)	595(255 ~ 1350)
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)	35.27(1.00)
Additional Charge of Refrigerant(oz/ft)/(g/m))	0.16(15)
Connection Method	Flared

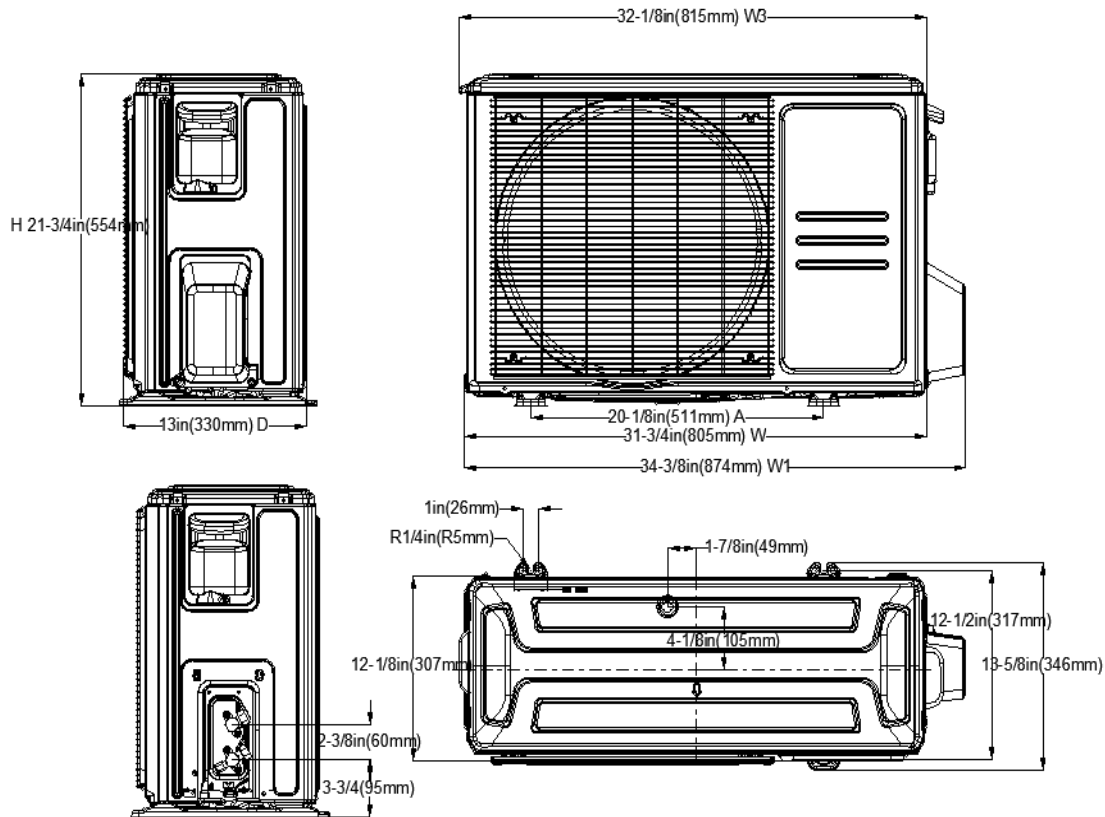
FEATURES

- 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*

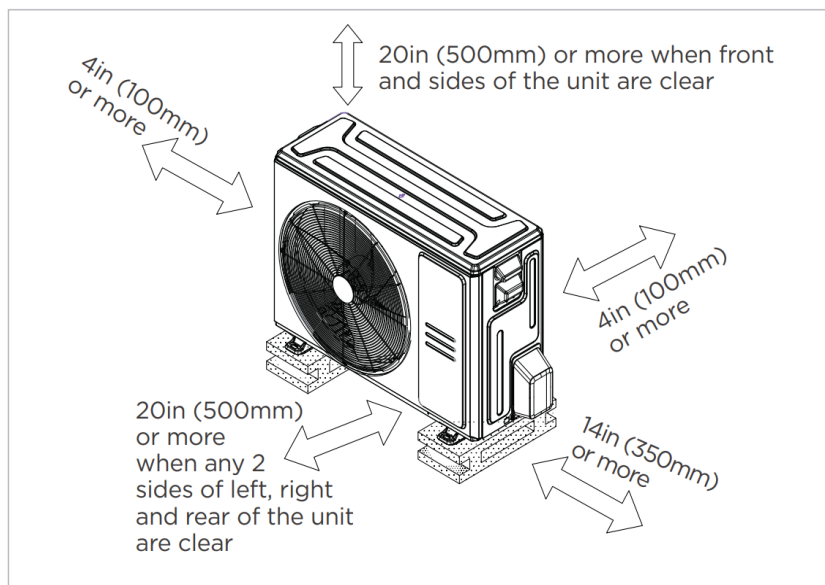
Installation Instruction



Outdoor Unit Dimension



Installation Instruction



Meets all spatial requirements shown in Installation Clearance Requirements above