SUBMITTAL DATA SHEET

Series Name: Console Xtreme Heat Series
Model Number: MFAHU-H09B-2A/MO1HS-H09B-2A

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 / 377 / 324 / 188 / 130
Indoor Noise Level (Turbo/H/M/L/Si) (dBA)		45 / 41 / 37.5 / 25.5 / 22
Dimension (W×D×H)	inch	31-1/4 x 7-7/8 x 24-1/2
	mm	794 × 200 × 621
Package (W×D×H)	inch	34 x 11 x 28-1/4
	mm	865 × 280 × 719
Net/Gross Weight	lbs	33 / 42
	kg	14.9 / 19.0

OUTDOOR SPECIFICATION		
Compressor Type		ROTARY
Compressor Model		KTN110D42UFZ
Refrigerant		R454B
Refrigerant Oil Charge(mL)		350
Refrigerant Oil		VG74
Outdoor Air Flow (Max) (CFM)		1,472
Outdoor Noise Level (dBA)		55.5
Dimension (W×D×H)	inch	31-3/4 x 13 x 21-3/4
	mm	805 × 330 × 554
Package (W×D×H)	inch	36 x 14-5/8 x 24-1/4
	mm	915 × 370 × 615
Net/Gross Weight	lbs	73 / 79
	kg	33 / 35.7

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

PERFORMANCE of Cooling	
Cooling (Btu/hr)	
Rated Capacity	9,000
Min/Max Capacity	3,700~13,700
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

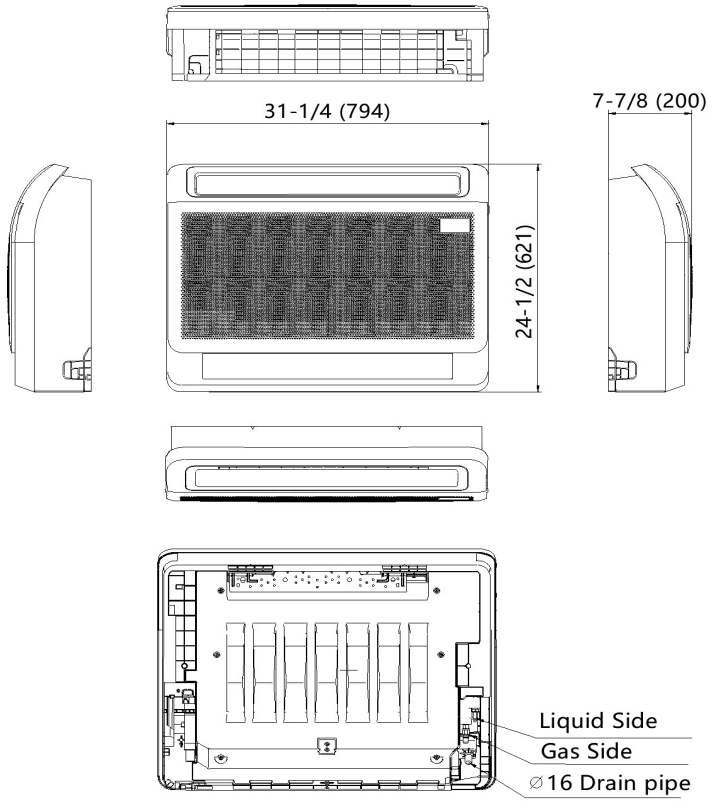
PERFORMANCE of Heating	
Heating (Btu/hr)	
1. @ 47°F Rated	9,000
1. @ 47°F Min/Max Capacity	4,400~16,100
2. @ 17°F Rated	9,800
3. @ 5°F Rated: Capacity / COP	11,300 / 1.84
3. @ 5°F Max: Capacity	11,300
Standard Operating Range(°F/°C)	-22~75 (-30~24)
1. Conditions:	Indoor: 70°F DB/60°F WB
	Outdoor: 47°F 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 / 230 V,60 Hz,1 Ph
System MCA	15.0
Connection Wiring	AWG 14/4
System MOCP	15.0
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 (190~1,150)
System Power Input @ Heating (W)	595 (255~1,350)
MCA: Min. circuit amps (A)	**MOCP**: Max. over current protection (A)
RLA: Rated load amps (A)	**W:** Fan motor rated output (W)

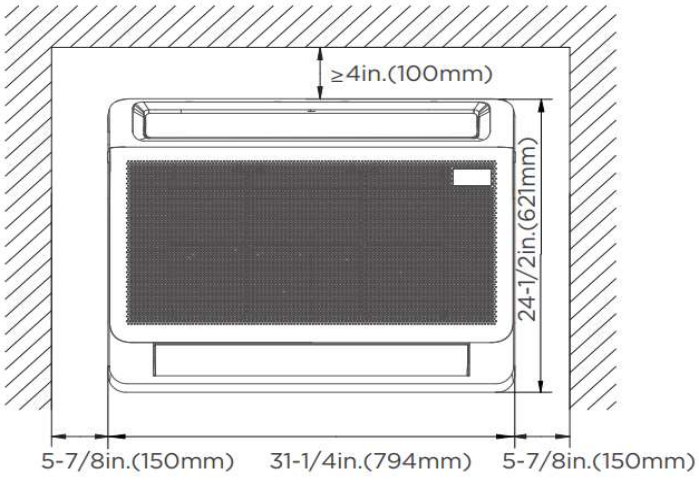
PIPING	
Throttle type(Indoor)	N/A
Throttle type(Outdoor)	EXV
Liquid Size	1/4" (6.35 mm)
Gas Size	3/8" (9.52 mm)
Max. Piping Length(ft/m)	82 (25)
Max. Height Difference(ft/m)	49 (15)
Max. Pre-charged Length(ft/m)	25 (7.5)
Refrigerant Pre-charged Amount(oz/kg)	35 (1)
Additional Charge of Refrigerant((oz/ft)/(g/m	0.16 (15)
Connection Method	Flared

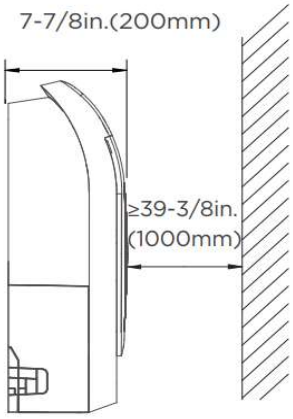
Indoor Unit Dimension

Unit: inch (mm)



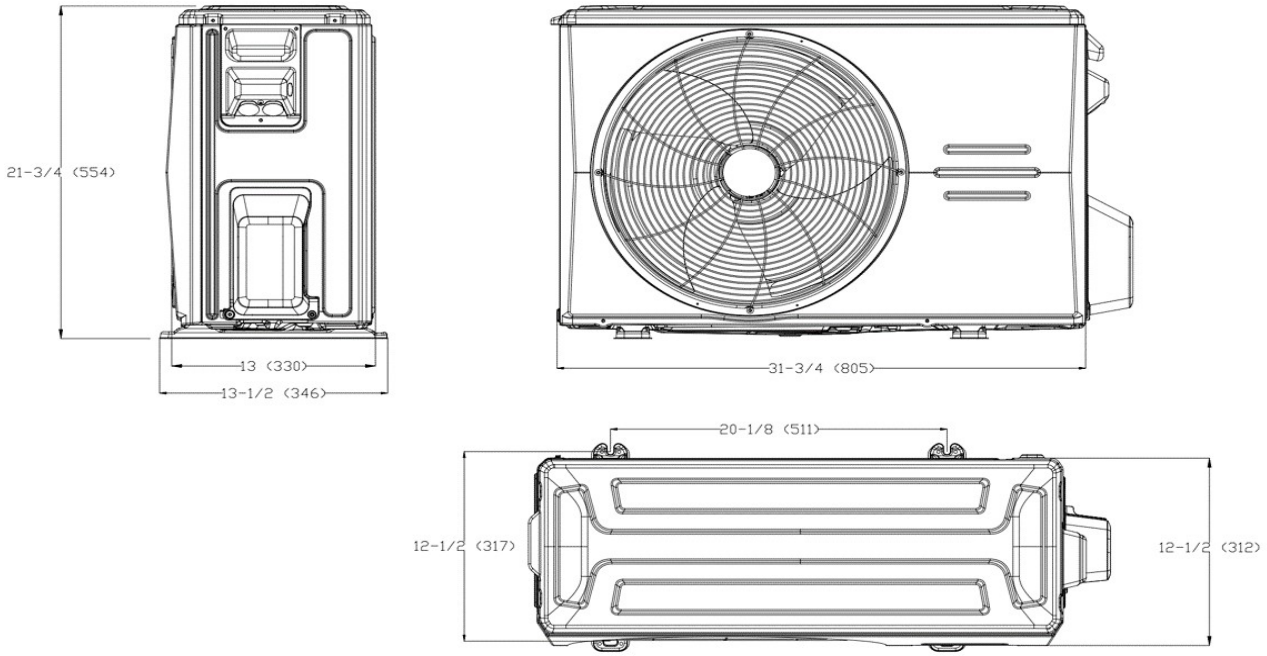
Installation Instruction



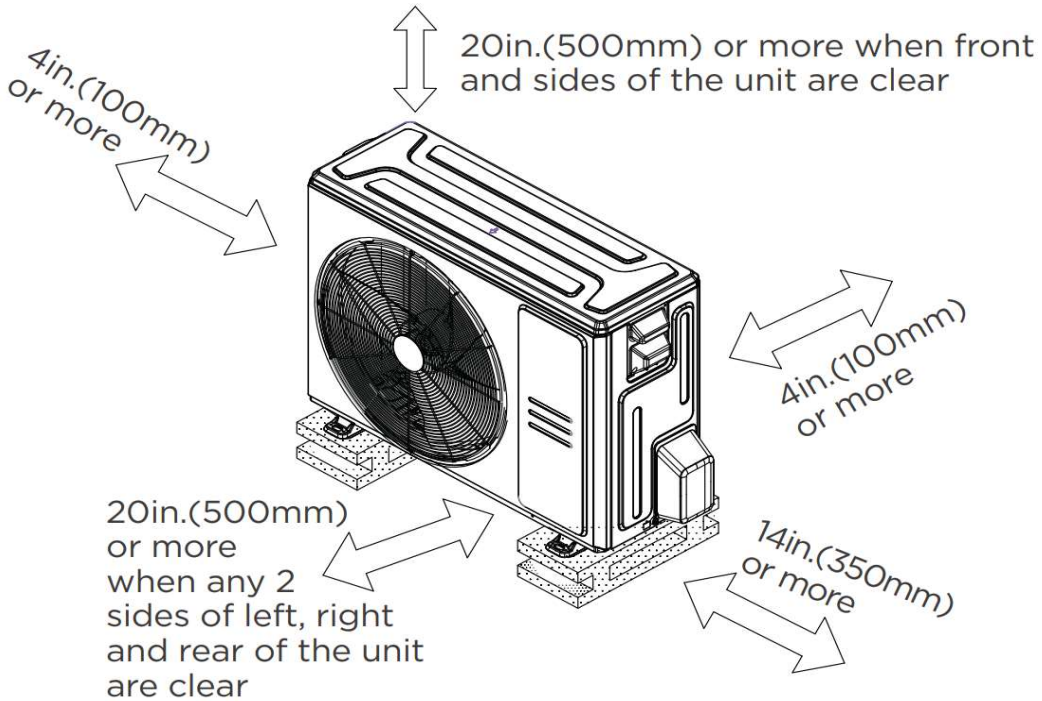


Outdoor Unit Dimension

Unit: inch (mm)



Installation Instruction



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 Wi-Fi
- OTA(by using WiFi dongle)
- Multiple control options available:
  - ○ Two-way communication wired controller with built-in Wi-Fi:120N(X6W)
  - ○ Wireless remote controller
  - ○ Third-Party 24V Thermostat*

*24V interface is required.