



SUBMITTAL DATA – Multi-Position AHU

MPC024S4S-1P – MMA024SM4-1P

SINGLE ZONE MINI-SPLIT HEAT PUMP

Job: _____
Location: _____
Schedule No.: _____
System Designation: _____

Engineer: _____
Architect: _____
Date: _____
For: Reference Approval Review Construction

FEATURES

Outdoor Unit: MPC024S4S-1P



- DC Inverter Control
- Compressor Overcurrent Protection
- Base Pan Heater
- Defrost Control

Indoor Unit: MMA024SM4-1P



- Constant torque blower motor
- Multi-position cabinet (upflow, downflow, horizontal)
- Completely insulated with foil faced fiberglass insulation
- Low leakage (less than 2%) cabinet

PIPING

Line Set and Elevation Guidelines

Maximum Line Set Length ft. (m)	164 (50)
Maximum Elevation - Outdoor Unit Below/Above Indoor Unit ft. (m)	82 (25)
Liquid Line Set Diameter (in.)	3/8
Gas Line Set Diameter (in.)	5/8
Pre-Charged (ft.)	25
Additional Charge of Refrigerant (oz/ft.)	0.32

PRODUCT WARRANTY

Compressor – Twelve year limited warranty*
 All other covered components - Twelve year limited warranty*
 *Product registration required

OPTIONAL ACCESSORIES

Hail Guards (M9GARD22Q-1)
 Programmable Controller (M0STAT120N-1)
 M30 Smart Wi-Fi Thermostat (M0STAT64Q-2)



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OUTDOOR SPECIFICATIONS

PERFORMANCE	
Cooling Capacity (Min/Max) (Btu/h) ¹	24,000 (6,100/28,200)
EER2	12.3
SEER2	19.0
Heating Capacity (Min/Max) (Btu/h) ¹	24,600 (11,700/33,000)
HSPF2	11.0
Outdoor Fan Total Air Volume (CFM)	2,235
Ambient Temperature Operating Range	
Cooling	-13°F - 122°F
Heating	-13°F - 86°F

ELECTRICAL DATA	
Power Supply (V/Hz/Φ)	208-230/60/1
Minimum Circuit Ampacity (A)	23
Maximum Overcurrent Protection (A)	30
Outdoor Fan Motor RLA (A)	0.60
Compressor RLA (A)	15
No. of Compressors	1

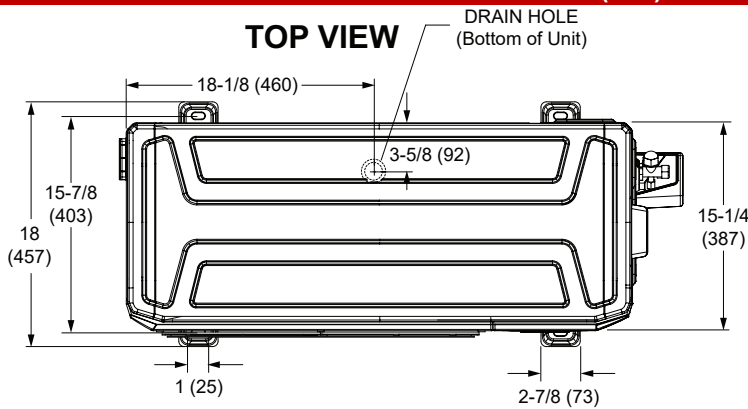
GENERAL DATA	
Connection Ratio (%)	100%
Max. # of Indoor Units	1 unit
Sound Data (dBA) - Cooling/Heating	60/60
Refrigerant type	R-410A
Factory refrigerant charge	5 lbs. 3 oz.

DIMENSIONS		
Unit Dimensions (in)	Height	31-7/8
	Width	40-1/2
	Depth	18
Shipping Weight (lb)	135	
Net Weight (lb)	125	

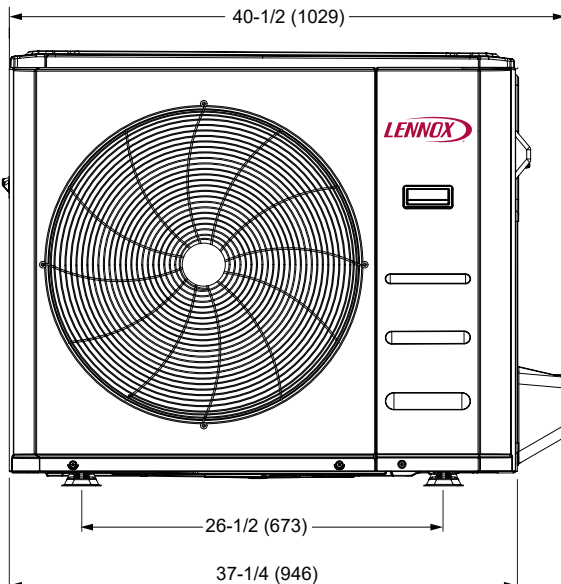
NOTES

1. Cooling and Heating Capacity data is rated at the following conditions:
 Cooling: 80°FDB / 67°FWB Indoor, 95°FDB Outdoor
 Heating: 70°FDB Indoor, 47°FDB / 43°FWB Outdoor

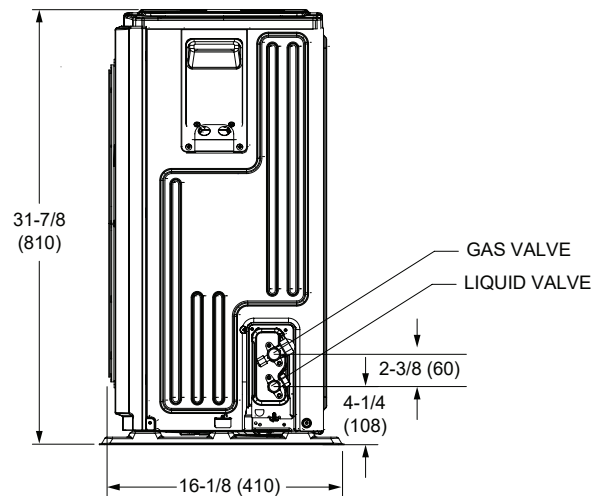
OUTDOOR DIMENSIONAL DRAWINGS - INCHES (MM)



FRONT VIEW



SIDE VIEW



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INDOOR SPECIFICATIONS

PERFORMANCE

Airflow (CFM)	High	759
	Medium	694
	Low	629
External Static Pressure (in. w.g.)		0 - 0.80
Sound Pressure (dBA)	High	41
	Medium	39
	Low	38

ELECTRICAL DATA

Power Supply (V/Hz/Φ)	208/230V 60Hz 1Ph
Maximum Overcurrent Protection (MOCP)	15
Minimum Circuit Ampacity (MCA)	4

DIMENSIONS

Unit Dimensions (in)	Height	45
	Width	17-1/2
	Depth	21

Shipping Weight (lb)	128
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PIPING

Liquid/Gas O.D. Flare (in.)	3/8 , 5/8
Drain Connection O.D. (in.)	3/4

FILTERS

Size of filter - in.	16 X 20 X 1
Optional Electric Heat	Electric Heat - Please see EHB
Electric Heat Net Weight - lbs.	13

INDOOR DIMENSIONAL DRAWINGS - INCHES (MM)

Model No.	018 / 024		036 / 048		060	
	in.	mm	in.	mm	in.	mm
A (Height)	45	1143	49	1245	53	1346
B Width)	17-1/2	445	21-1/4	540	24-1/2	622
C	15-5/8	397	19-1/8	486	22-5/8	575
D	15-1/8	384	18-5/8	473	22-1/8	562
E	1-1/4	32	1-1/4	32	1-1/8	28
F	1-1/2	38	1-5/8	41	1-5/8	41
G	5/8	16	5/8	16	3/4	19

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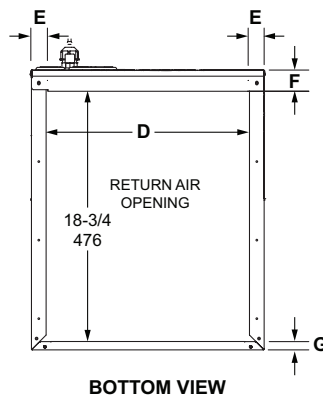
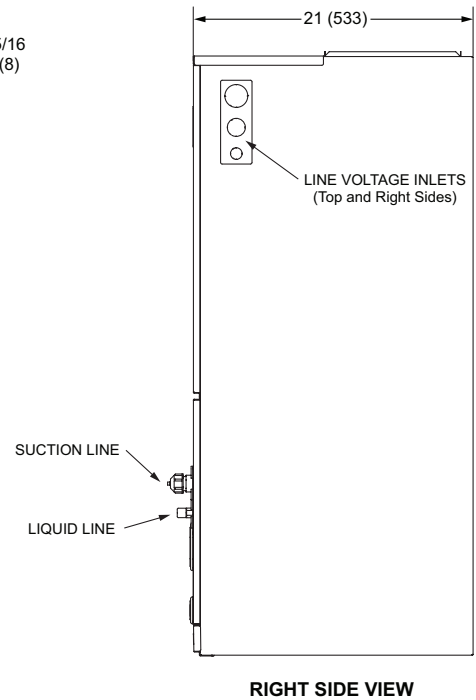
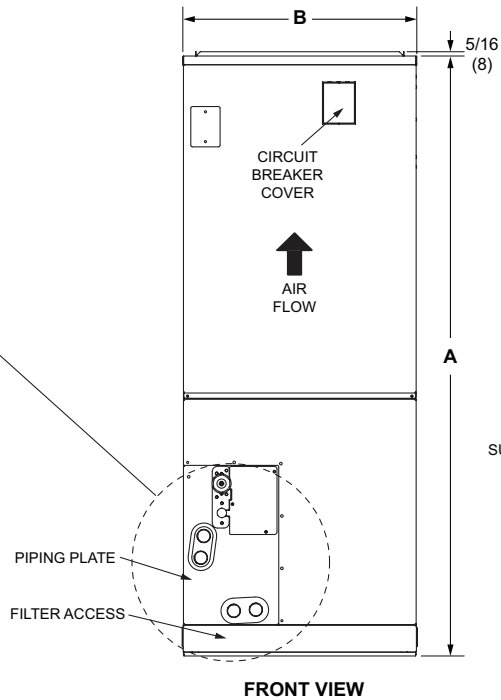
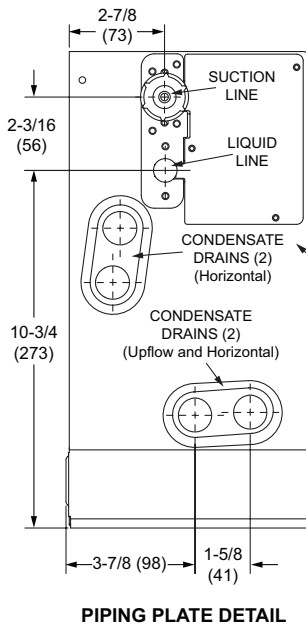
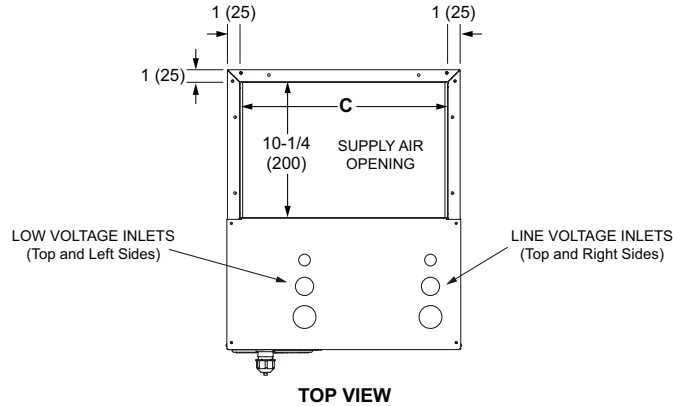


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INDOOR DIMENSIONAL DRAWINGS - INCHES (MM)



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