



SUBMITTAL DATA – **DUCTED**  
**MPC024S4S-1P – MMDB024S4-2P**  
 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**

**Indoor Unit: MMDB024S4-2P**



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

- Auxiliary Heat Function
- Auto Restart
- Built-In Condensate Pump
- Three Selectable Fan Speeds
- Flare Connections
- LED Readout Panel
- Wired Remote Controller Included

**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 (M0STAT64Q-2)



NOTE – Due to Lennox' ongoing commitment to quality, Specifications, Ratings, and Dimensions are subject to change without notice and without incurring liability. Improper installation, adjustment, alteration, service or maintenance can cause property damage or personal injury. Installation and service must be performed by a qualified installer and servicing agency.



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#### OUTDOOR SPECIFICATIONS

PERFORMANCE	
Cooling Capacity (Min/Max) (Btu/h) <sup>1</sup>	24,000 (6,100/28,200)
EER2	12.3
SEER2	19.0
Heating Capacity (Min/Max) (Btu/h) <sup>1</sup>	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

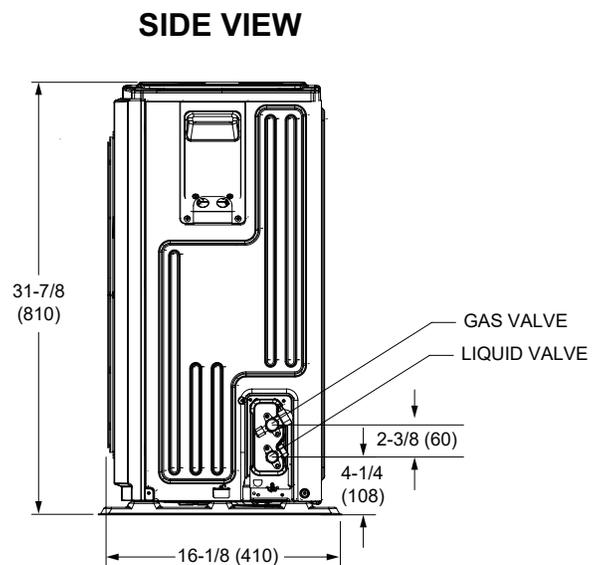
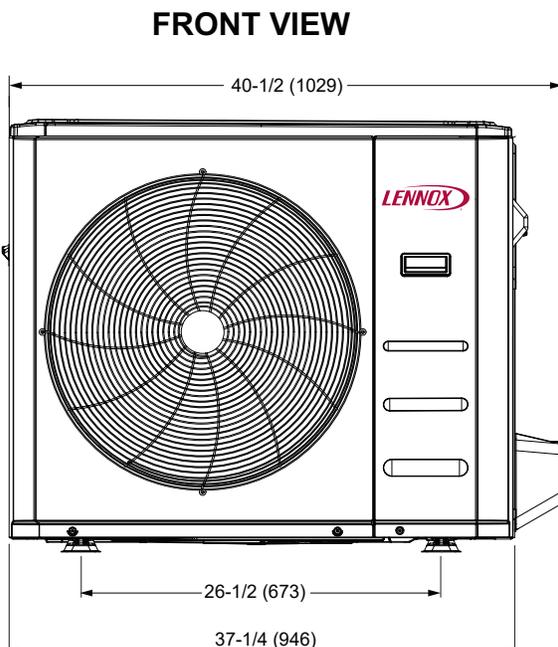
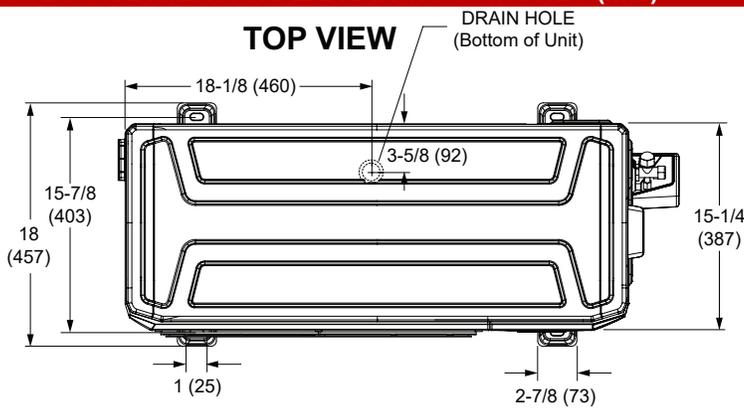
GENERAL DATA	
Connection Ratio (%)	100%
Max. # of Indoor Units	1 unit
Sound Data (dBA) - Cooling/Heating	60/60
Refrigerant type	R-410A
Factory refrigerant charge	5 lbs. 3 oz.

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)



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**INDOOR SPECIFICATIONS**

<b>PERFORMANCE</b>			
Airflow (CFM)	High		775
	Medium		693
	Low		435
External Static Pressure (in. w.g.)			0 - 0.64
Sound Pressure (dBA)	High		44
	Medium		41
	Low		37

**ELECTRICAL DATA**

Power Supply (V/Hz/Φ)	Supplied by ODU		
Rated load amps (RLA)	1.7		
Power Output (W)	160		

**DIMENSIONS**

Unit Dimensions (in)	Height	9-3/4	
	Width	46-1/2	
	Depth	30-1/2	

Unit Net/Shipping Weight (lb)	87/103		
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**PIPING**

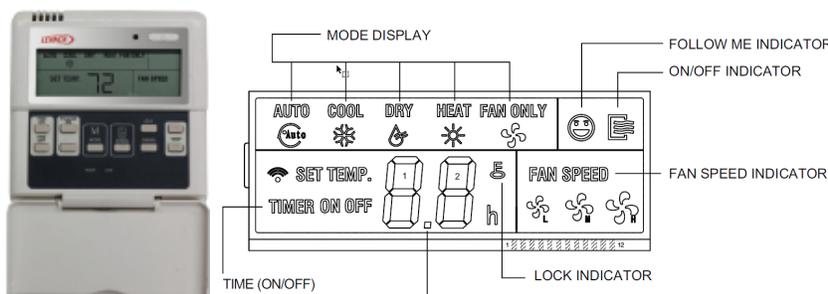
Liquid/Gas O.D. Flare (in.)	3/8 , 5/8		
Drain Connection O.D. (in.)	1		

**WIRED REMOTE CONTROLLER SPECIFICATIONS**

**M0STAT61Q-1**

Input Voltage (V)	5Vdc
Communication Cabling	Factory 4-wire harness
Operating Temperature Range	23°F to 110°F
Operating Humidity Range (RH)	40% ~ 90%
Setpoint Range	62°F ~ 86°F

**DISPLAY**



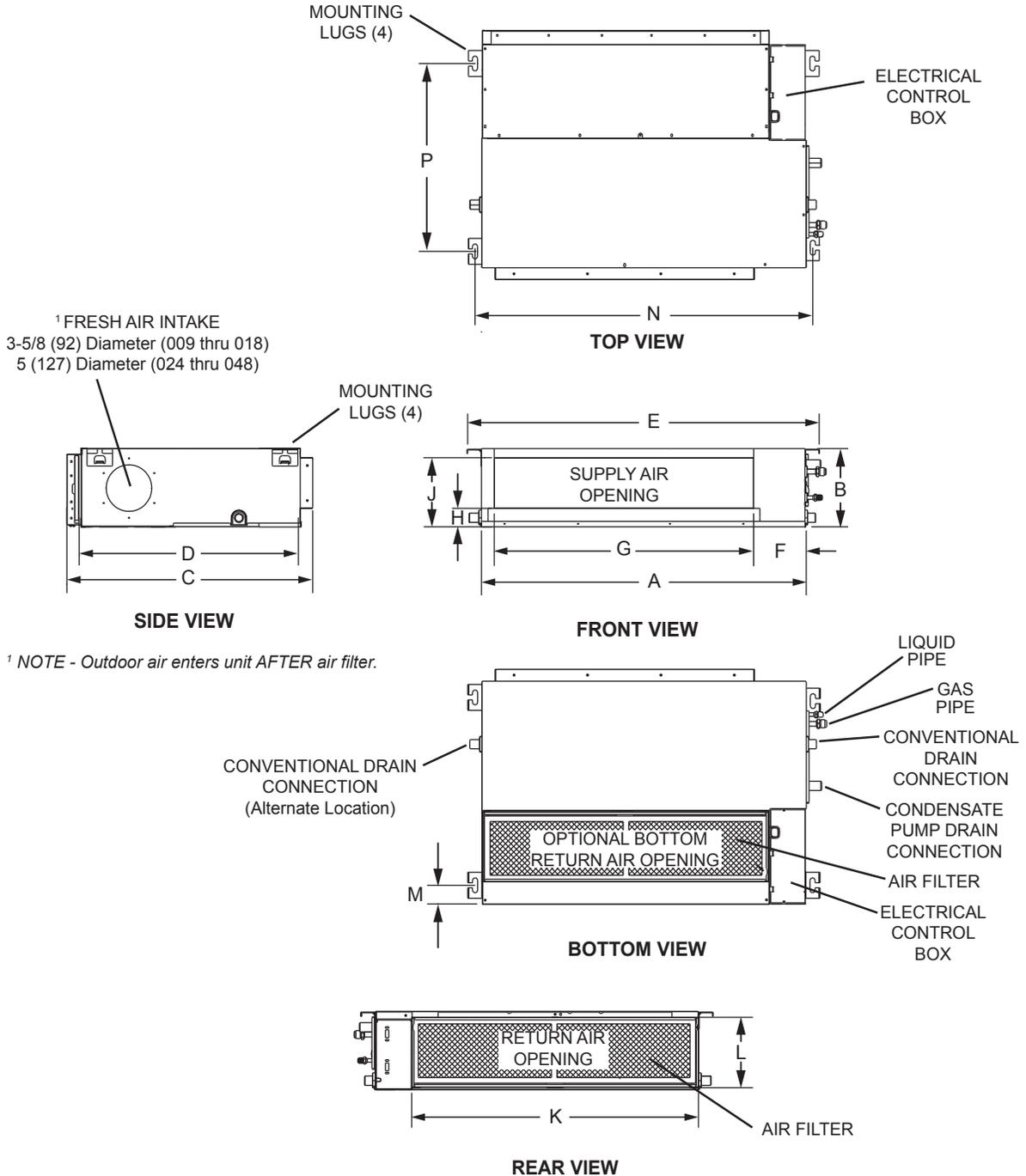
**INDOOR DIMENSIONAL DRAWINGS - INCHES (MM)**

*Please See Page 1*



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**INDOOR DIMENSIONAL DRAWINGS - INCHES (MM)**



<sup>1</sup> NOTE - Outdoor air enters unit AFTER air filter.

Size	A		B		C		D		E		F		G		H	
	in.	mm	in.	mm	in.	mm	in.	mm	in.	mm	in.	mm	in.	mm	in.	mm
024	43-1/4	1099	9-3/4	248	30-1/2	775	27-1/2	699	46-1/2	1181	5-1/2	140	36-1/2	927	2	51
	J		K		L		M		N		P					
	in.	mm	in.	mm	in.	mm	in.	mm	in.	mm	in.	mm	in.	mm		
	6-7/8	175	39-3/8	1000	9	229	1/4	6	44-7/8	1140	23-1/2	597				

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