



SUBMITTAL DATA – **DUCTED**
MPB024S4S-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: MPB024S4S-1P



- DC Inverter Control
- Compressor Overcurrent Protection
- Base Dancer
- Defrost Control

Indoor Unit: MMDB024S4-2P



- 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 ft. (50 m)
Maximum Elevation - Outdoor Unit Below/Above Indoor Unit ft. (m)	82 ft. (25m)
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 (M9GARD17Q-1)
 Programmable Controller (M0STAT64Q-1)



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

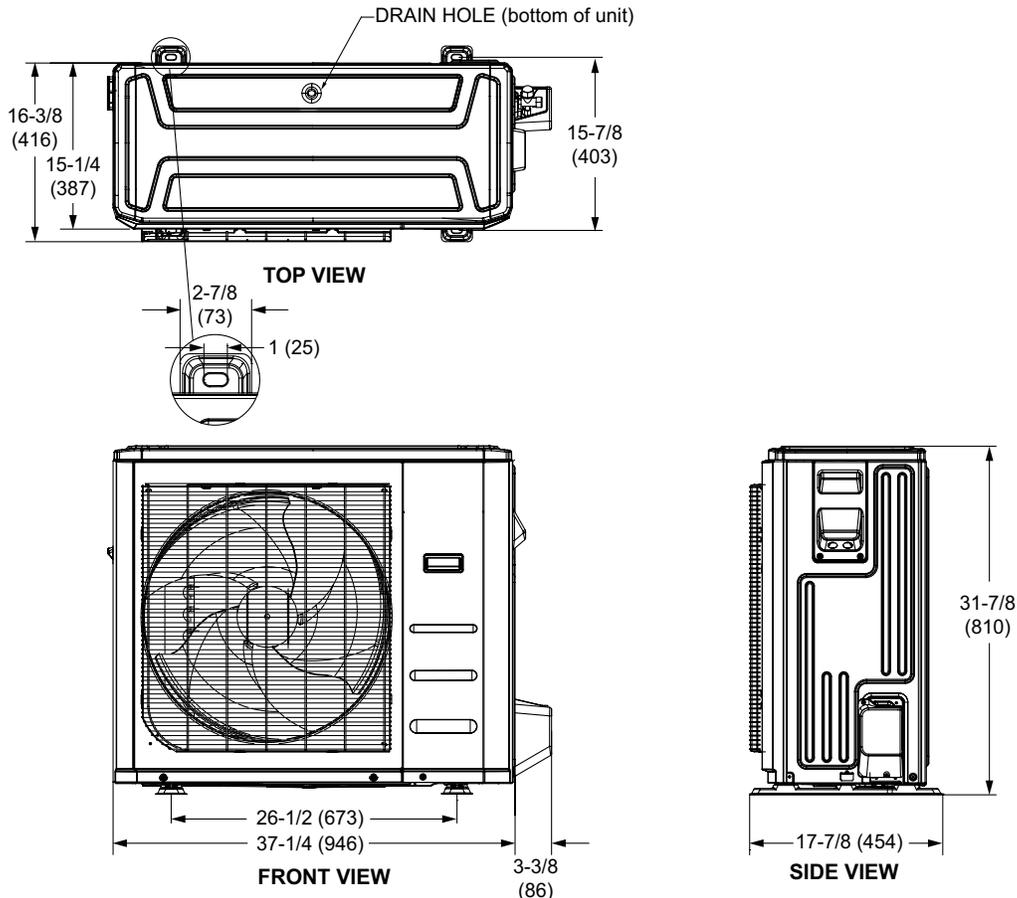
PERFORMANCE	
Cooling Capacity (Btu/h) ¹	24,000
EER	12.5
SEER	21.5
Heating Capacity (Btu/h) ¹	24,400
HSPF	11.0
Outdoor Fan Total Air Volume (CFM)	2,235
Ambient Temperature Operating Range	
Cooling	-13°F - 122°F
Heating	-13°F - 86°F
ELECTRICAL DATA	
Power Supply (V/Hz/Φ)	208-230/60/1
Minimum Circuit Ampacity (A)	18
Maximum Overcurrent Protection (A)	25
Outdoor Fan Motor RLA (A)	0.6
Compressor RLA (A)	12
No. of Compressors	1

GENERAL DATA		
Connection Ratio (%)	100%	
Max. # of Indoor Units	1 unit	
Sound Data (dBA) - Cooling/Heating	61/61	
Refrigerant type	R-410A	
Factory refrigerant charge	5 lbs. 3 oz.	
DIMENSIONS		
Unit Dimensions (in)	Height	31-7/8
	Width	37-1/4
	Depth	15-7/8
Shipping Weight (lb)	149	
Net Weight (lb)	137	

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

PERFORMANCE			
Airflow (CFM)	High		735
	Medium		660
	Low		415
External Static Pressure (in. w.g.)			0 - 0.64
Sound Pressure (dBA)	High		44
	Medium		41
	Low		36

ELECTRICAL DATA

Power Supply (V/Hz/Φ)	Supplied by ODU		
Rated load amps (RLA)	1.5		
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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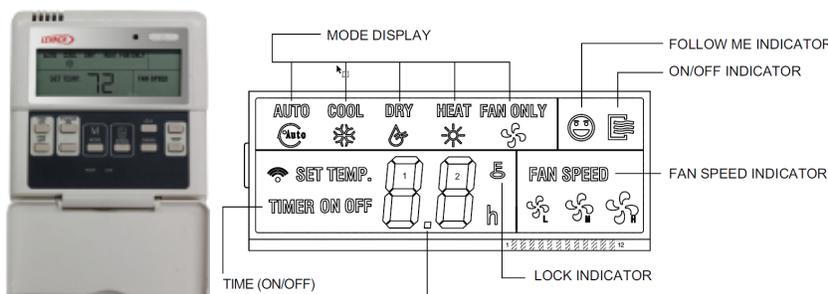
PIPING

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)

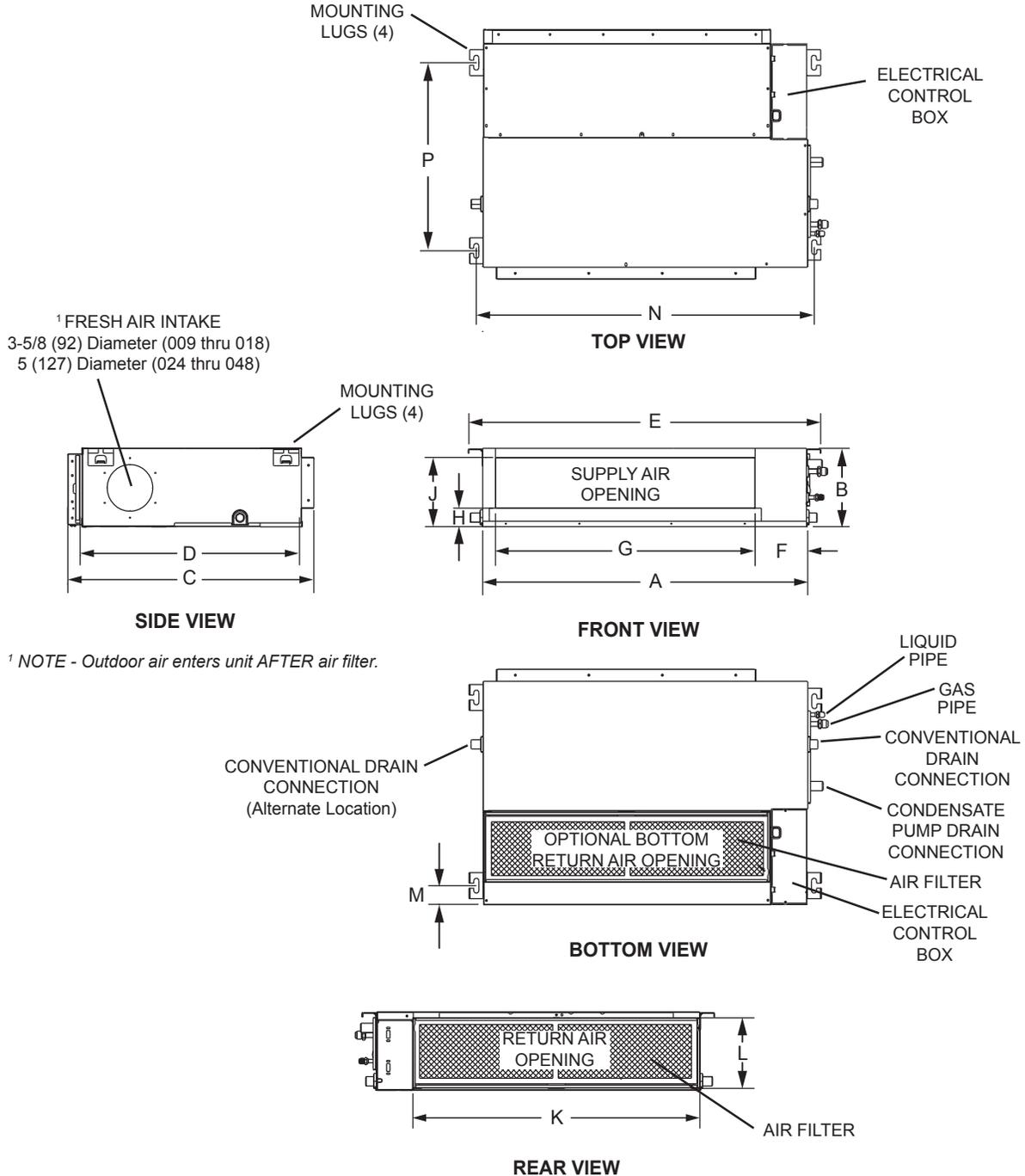
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INDOOR DIMENSIONAL DRAWINGS - INCHES (MM)



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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