



SUBMITTAL DATA – **DUCTED**
MLB024S4S-1P – MMDB024S4-2P
 SINGLE ZONE MINI-SPLIT HEAT PUMP

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

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

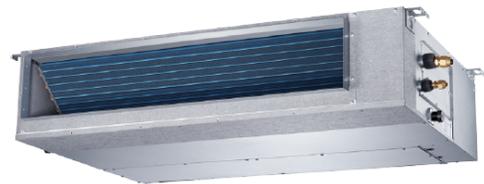
FEATURES

Outdoor Unit: MLB024S4S-1P



- Low Ambient Heating/Cooling
- DC Inverter Control
- Compressor Overcurrent Protection
- Base Dancer
- Defrost Control

Indoor Unit: MMDB024S4-2P



- Pre 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. (25 m)
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 Guard Set (M9GARD22Q-1/24M84)
 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

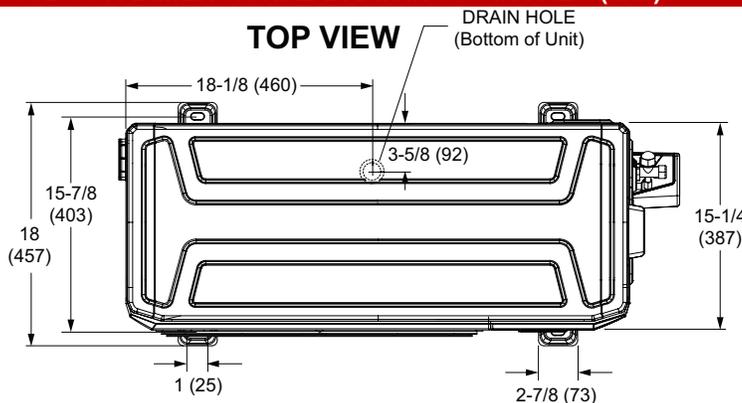
PERFORMANCE	
Cooling Capacity (Min/Max) (Btu/h) ¹	24,000 (6,560/27,800)
EER2	12.0
SEER2	19.2
Heating Capacity (Min/Max) (Btu/h) ¹	24,600 (12,260/32,200)
HSPF2	10.5
Outdoor Fan Total Air Volume (CFM)	2,355
Ambient Temperature Operating Range	
Cooling	-22°F - 122°F
Heating	-22°F - 86°F
ELECTRICAL DATA	
Power Supply (V/Hz/Φ)	208-230/60/1
Minimum Circuit Ampacity (A)	25
Maximum Overcurrent Protection (A)	35
Outdoor Fan Motor RLA (A)	0.5
No. of Compressors	1

GENERAL DATA	
Connection Ratio (%)	100%
Max. # of Indoor Units	1 unit
Sound Data (dBA) - Cooling/Heating	62/62
Refrigerant type	R-410A
Factory refrigerant charge	5 lbs. 12 oz.
DIMENSIONS	
Unit Dimensions (in)	Height 31-7/8
	Width 40-1/2
	Depth 15-1/4
Shipping Weight (lb)	145
Net Weight (lb)	135

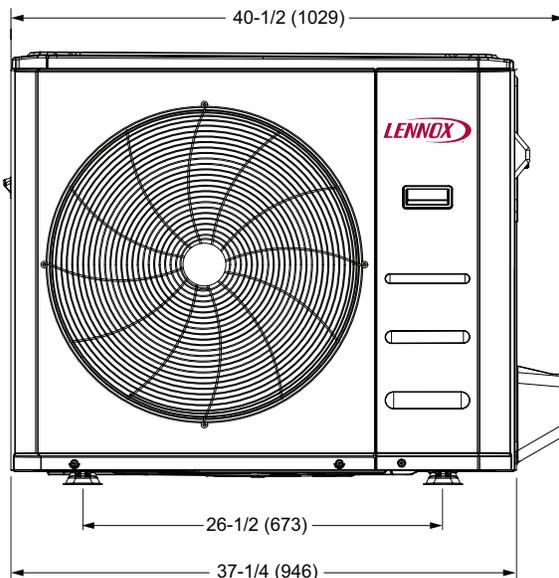
NOTES

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

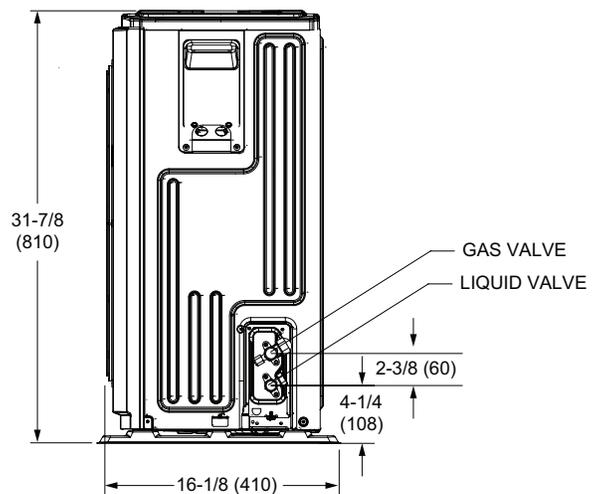
OUTDOOR DIMENSIONAL DRAWINGS - INCHES (MM)



FRONT VIEW



SIDE VIEW



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INDOOR SPECIFICATIONS

PERFORMANCE

Airflow (CFM)	High	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	7-7/8
	Width	30-3/4
	Depth	19-7/8

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

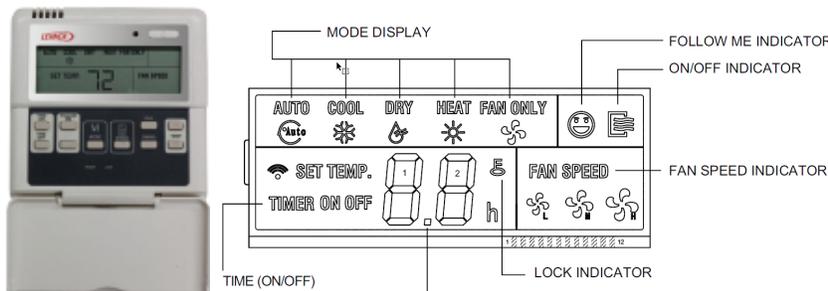
Liquid/Gas O.D. Flare (in.)	3/8, 5/8
Drain Connection O.D. (in.)	1

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



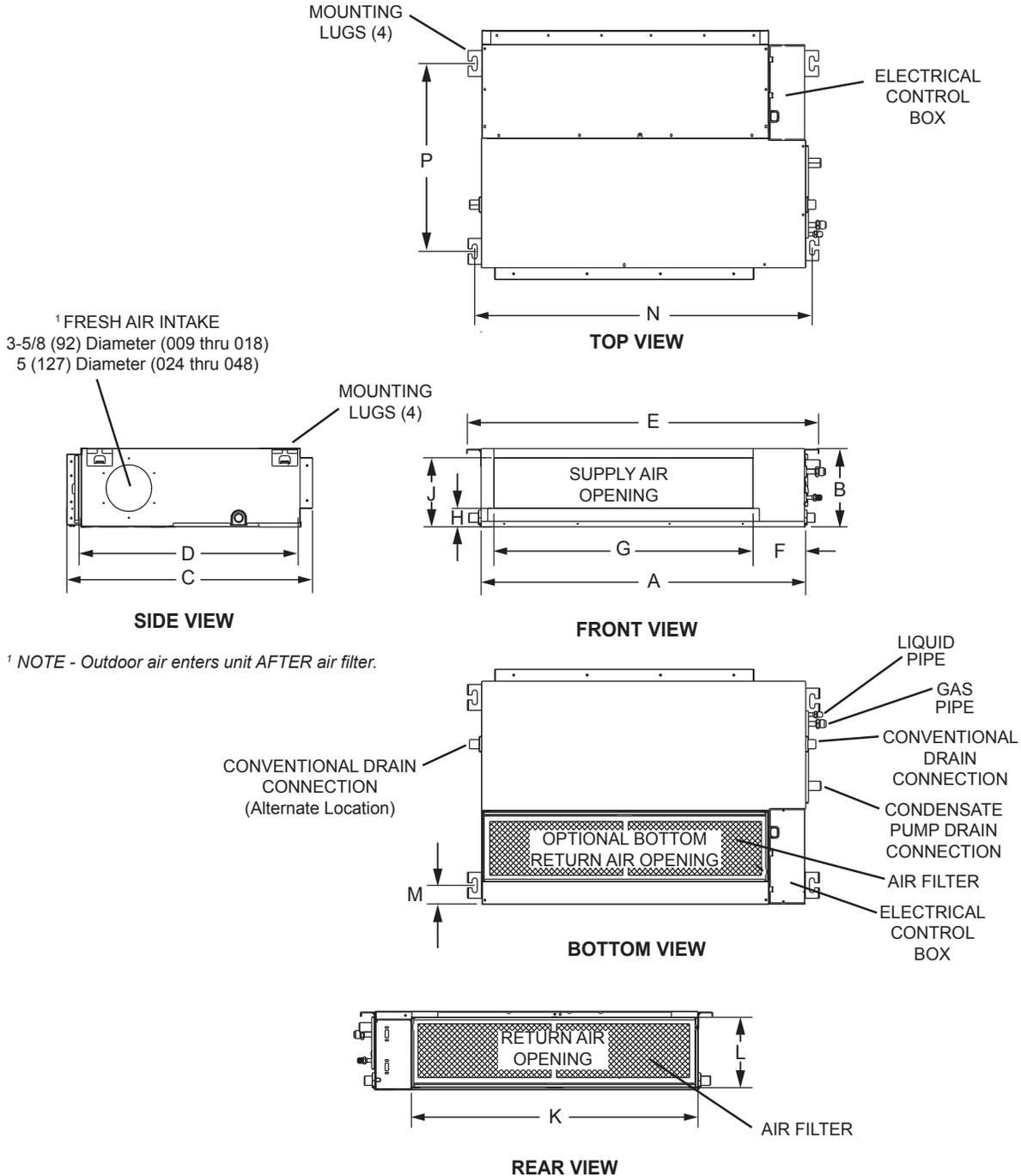
INDOOR DIMENSIONAL DRAWINGS - INCHES (MM)

Please See Page 1



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INDOOR DIMENSIONAL DRAWINGS - INCHES (MM)



¹ 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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