



**SUBMITTAL DATA – DUCTED**  
**MLB009S4S-1P – MMDB009S4-2P**  
 SINGLE ZONE MINI-SPLIT HEAT PUMP

**Job:** \_\_\_\_\_  
**Location:** \_\_\_\_\_  
**Schedule No.:** \_\_\_\_\_  
**System Designation:** \_\_\_\_\_

**Engineer:** \_\_\_\_\_  
**Architect:** \_\_\_\_\_  
**Date:** \_\_\_\_\_  
**For:**  Reference  Approval  Review  Construction

**FEATURES**

**Outdoor Unit: MLB009S4S-1P**



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

**Indoor Unit: MMDB009S4-2P**



- 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)	98 (30)
Maximum Elevation - Outdoor Unit Below/Above Indoor Unit ft. (m)	66 (20)
Liquid Line Set Diameter (in.)	1/4
Gas Line Set Diameter (in.)	3/8
Pre-Charged (ft.)	25
Additional Charge of Refrigerant (oz/ft.)	0.16

**PRODUCT WARRANTY**

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

**OPTIONAL ACCESSORIES**

Hail Guard Set (M9GARD19Q-1/24M81)  
 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>	8,800 (2,400/12,500)
EER2	13.2
SEER2	20.2
Heating Capacity (Min/Max) (Btu/h) <sup>1</sup>	10,000 (1,700/15,600)
HSPF2	12
Outdoor Fan Total Air Volume (CFM)	1,120
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)	F5
Maximum Overcurrent Protection (A)	15
Outdoor Fan Motor RLA (A)	0.1 €
No. of Compressors	1

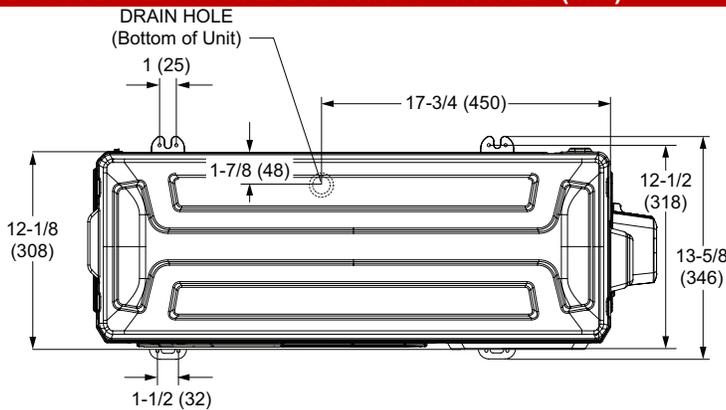
GENERAL DATA	
Connection Ratio (%)	100%
Max. # of Indoor Units	1 unit
Sound Data (dBA) - Cooling/Heating	54.5/54.5
Refrigerant type	R-410A
Factory refrigerant charge	Glbs. 9 oz.

DIMENSIONS		
Unit Dimensions (in)	Height	21-1/8" $\varnothing$
	Width	34-1/8" $\varnothing$
	Depth	13-5/8" $\varnothing$
Shipping Weight (lb)	80	
Net Weight (lb)	74	

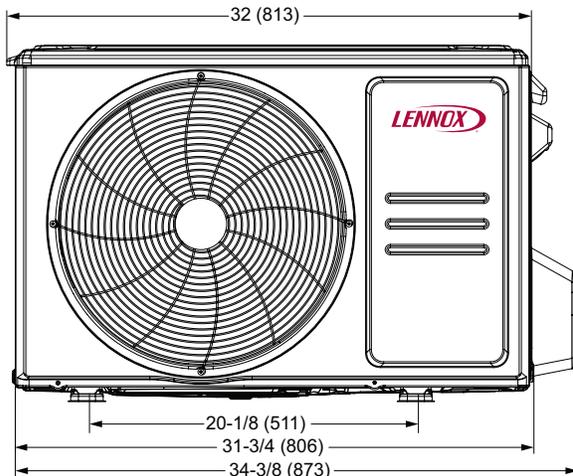
**NOTES**

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

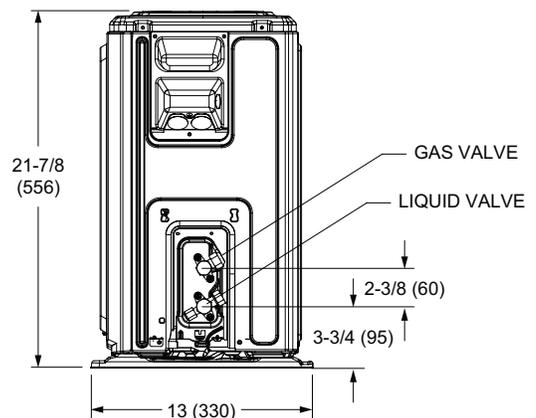
**OUTDOOR DIMENSIONAL DRAWINGS - INCHES (MM)**



**TOP VIEW**



**FRONT VIEW**



**SIDE VIEW**

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**INDOOR SPECIFICATIONS**

PERFORMANCE		
Airflow (CFM)	High	353
	Medium	282
	Low	176
External Static Pressure (in. w.g.)		0 - 0.16
Sound Pressure (dBA)	High	33.5
	Medium	28.5
	Low	27

**ELECTRICAL DATA**

Power Supply (V/Hz/Φ)	Supplied by ODU
Rated load amps (RLA)	1.27
Power Output (W)	55

**DIMENSIONS**

Unit Dimensions (in)	Height	7-7/8
	Width	30-3/4
	Depth	19-7/8

Unit Net/Shipping Weight (lb)	38/49
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**PIPING**

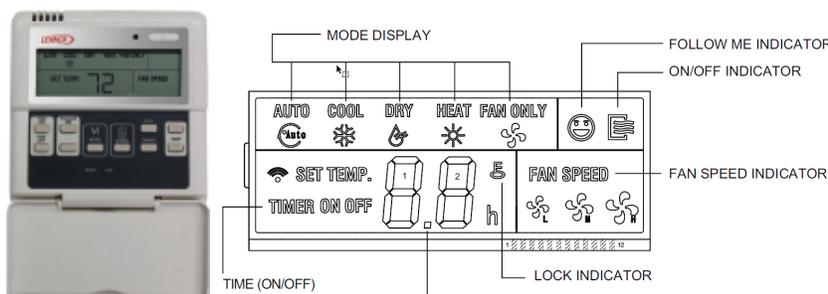
Liquid/Gas O.D. Flare (in.)	1/4 , 3/8
Drain Connection O.D. (in.)	1

**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**



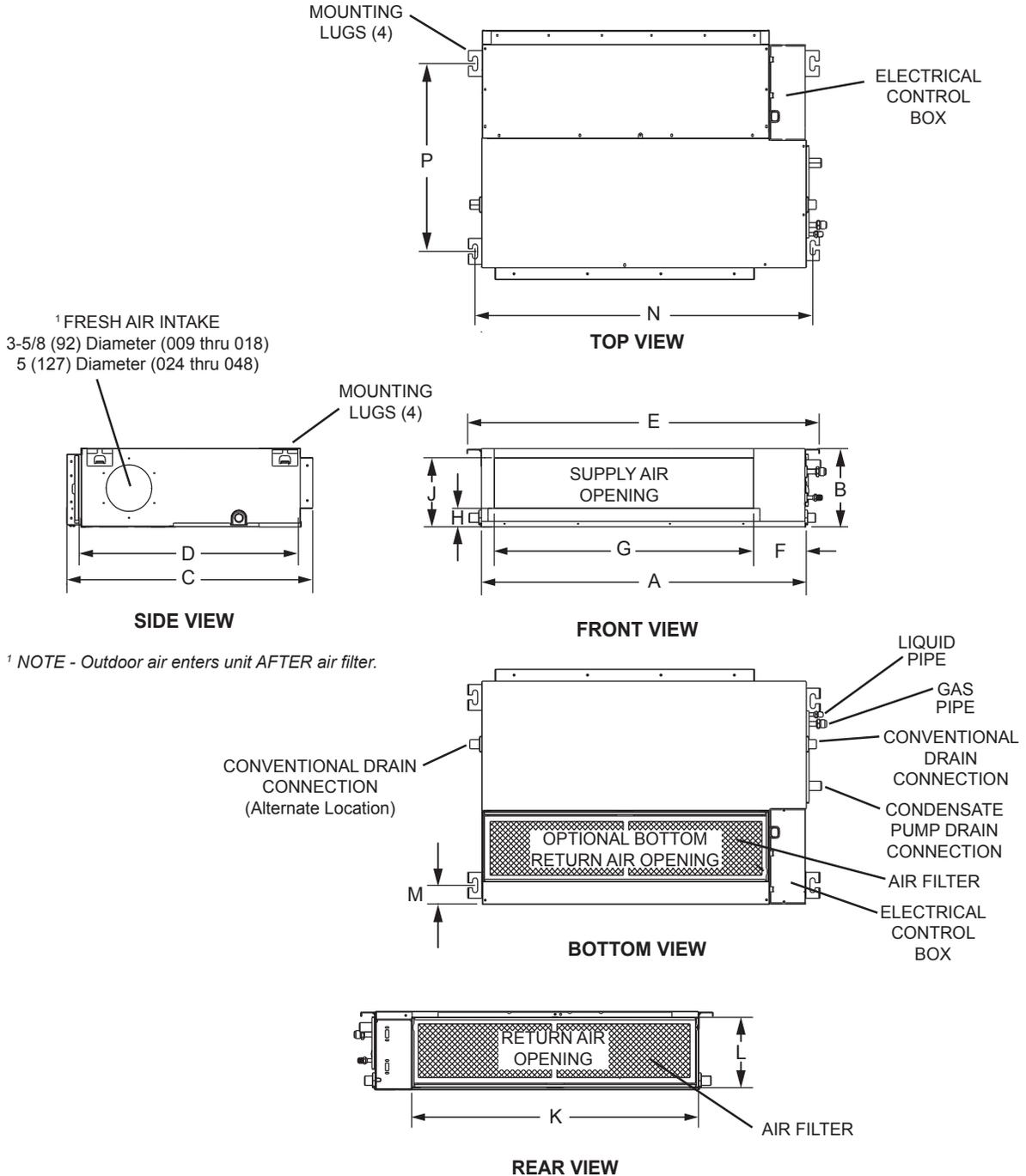
**INDOOR DIMENSIONAL DRAWINGS - INCHES (MM)**

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



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

Size	A		B		C		D		E		F		G		H	
	in.	mm	in.	mm												
009 thru 012	27-5/8	702	7-7/8	200	19-7/8	505	17-3/4	451	30-3/4	781	5-3/8	137	21-1/8	537	1-1/8	29
	J		K		L		M		N		P					
	in.	mm														
	6	152	23-5/8	600	7-3/8	187	2	51	29-1/8	740	14-1/8	359				

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