



SUBMITTAL DATA – **DUCTED**  
**MLB018S4S-1P – MMDB018S4-2P**  
 SINGLE ZONE MINI-SPLIT HEAT PUMP

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

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

**FEATURES**

**Outdoor Unit: MLB018S4S-1P**



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

**Indoor Unit: MMDB018S4-2P**



- 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 ft. (30 m)
Maximum Elevation - Outdoor Unit Below/Above Indoor Unit ft. (m)	66 ft. (20m)
Liquid Line Set Diameter (in.)	1/4
Gas Line Set Diameter (in.)	1/2
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 (M9GARD23Q-1/24M85)  
 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>	15,500 (6,500/18,800)
EER2	11.7
SEER2	18.0
Heating Capacity (Min/Max) (Btu/h) <sup>1</sup>	19,000 (8,000/22,000)
HSPF2	9.2
Outdoor Fan Total Air Volume (CFM)	1,355
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)	16
Maximum Overcurrent Protection (A)	25
Outdoor Fan Motor RLA (A)	0.76
No. of Compressors	1

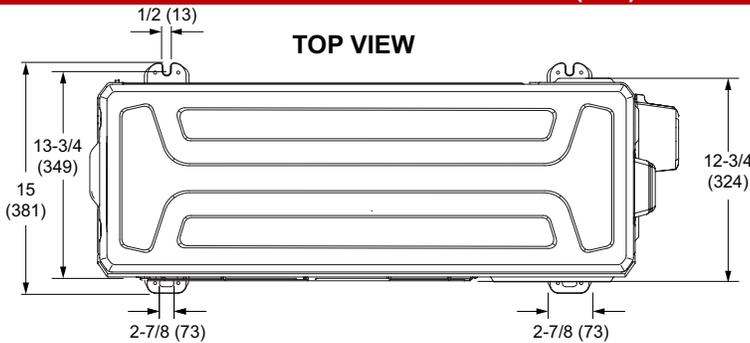
GENERAL DATA	
Connection Ratio (%)	100%
Max. # of Indoor Units	1 unit
Sound Data (dBA) - Cooling/Heating	59/59
Refrigerant type	R-410A
Factory refrigerant charge	4 lbs. 1 oz.

DIMENSIONS		
Unit Dimensions (in)	Height	26-1/2
	Width	37-5/8
	Depth	13-3/4
Shipping Weight (lb)	108	
Net Weight (lb)	101	

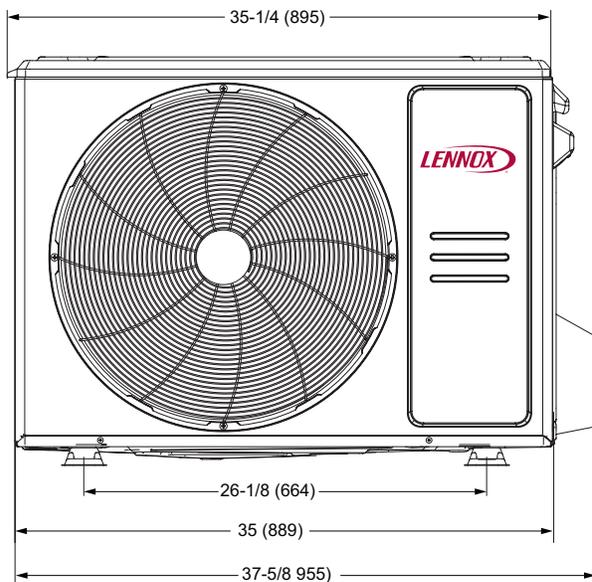
**NOTES**

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

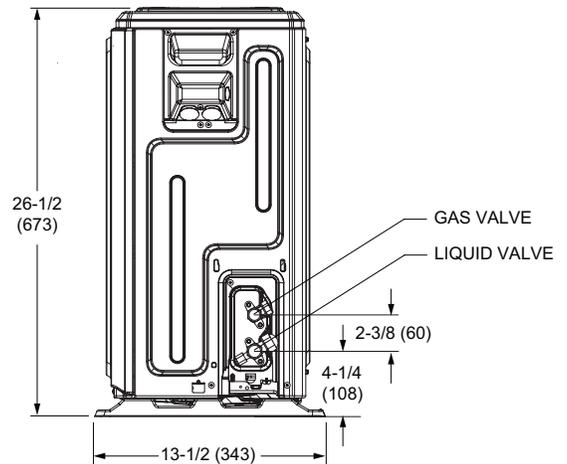
#### OUTDOOR DIMENSIONAL DRAWINGS - INCHES (MM)



**FRONT VIEW**



**SIDE VIEW**



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**INDOOR SPECIFICATIONS**

**PERFORMANCE**

Airflow (CFM)	High	529
	Medium	450
	Low	371
External Static Pressure (in. w.g.)		0 - 0.40
Sound Pressure (dBA)	High	39
	Medium	37.5
	Low	35

**ELECTRICAL DATA**

Power Supply (V/Hz/Φ)	Supplied by ODU
Rated load amps (RLA)	1.3
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)	54/66
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**PIPING**

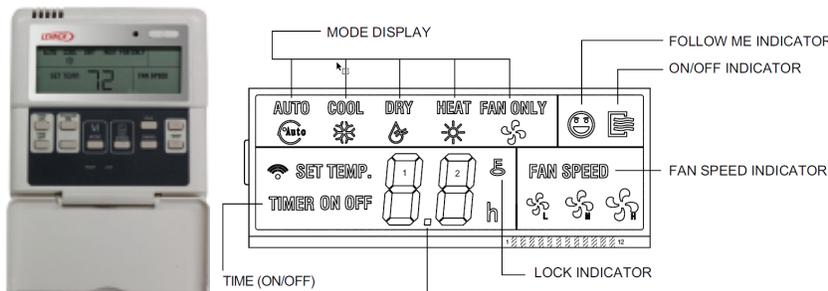
Liquid/Gas O.D. Flare (in.)	1/4 , 1/2
Drain Connection O.D. (in.)	1

**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**



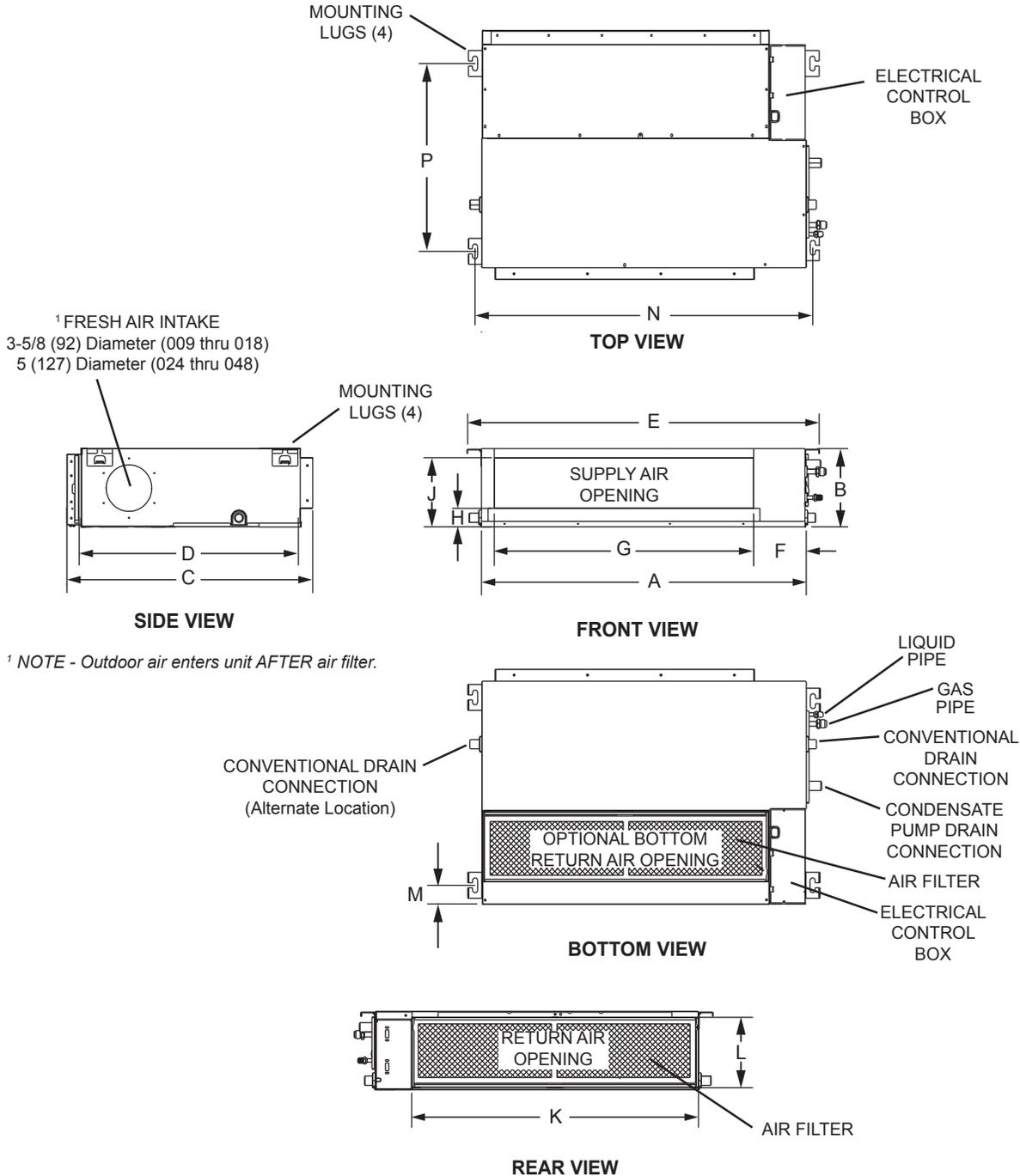
**INDOOR DIMENSIONAL DRAWINGS - INCHES (MM)**

*Please See Page 1*



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



Size	A		B		C		D		E		F		G		H	
	in.	mm	in.	mm	in.	mm	in.	mm								
018	34-5/8	879	8-1/4	210	26-1/2	673	23-5/8	600	37-7/8	962	5-1/2	140	27-3/4	705	2	51
	J		K		L		M		N		P					
	in.	mm	in.	mm	in.	mm										
	5-3/8	137	30-3/4	781	7-1/2	191	1-5/8	41	36-1/4	921	20	508				

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