



SUBMITTAL DATA – **DUCTED**
MPC018S4S-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: MPC018S4S-1P

Indoor Unit: MMDB018S4-2P



- DC Inverter Control
- Compressor Overcurrent Protection
- Base Dancer
- 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)	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.)	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 Guards (M9GARD23Q-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 (Btu/h) ¹	17,800 (5,800/18,000)
EER2	12.3
SEER2	20.0
Heating Capacity (Btu/h) ¹	20,000 (5,000/20,000)
HSPF2	10.5
Outdoor Fan Total Air Volume (CFM)	1,765
Ambient Temperature Operating Range	
Cooling	-13°F - 122°F
Heating	-13°F - 86°F

GENERAL DATA	
Connection Ratio (%)	100%
Max. # of Indoor Units	1 unit
Sound Data (dBA) - Cooling/Heating	58/58
Refrigerant type	R-410A
Factory refrigerant charge	3 lbs. 8 oz.

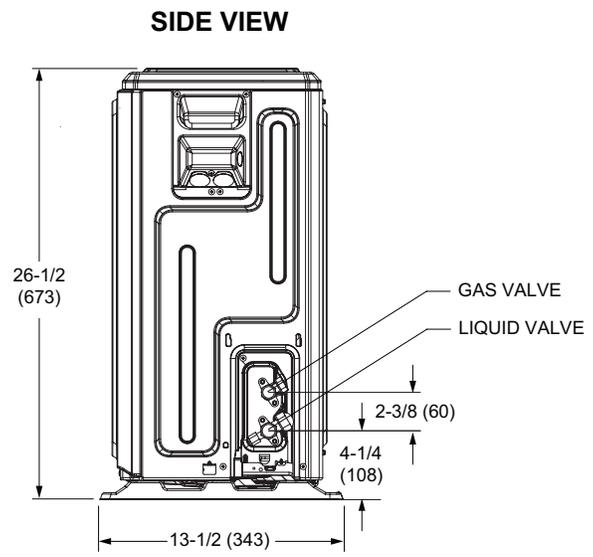
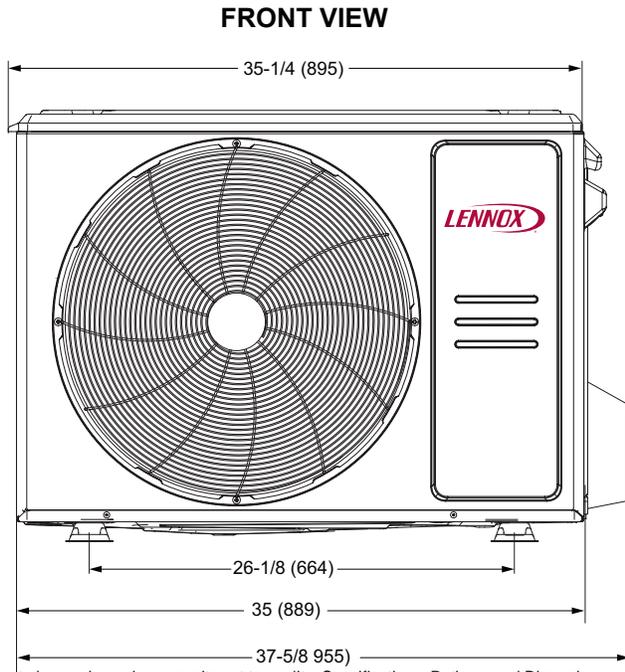
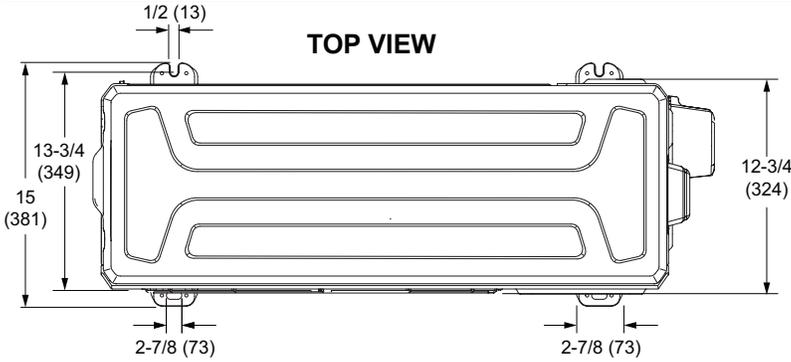
ELECTRICAL DATA	
Power Supply (V/Hz/Φ)	208-230/60/1
Minimum Circuit Ampacity (A)	17
Maximum Overcurrent Protection (A)	25
Outdoor Fan Motor RLA (A)	0.76
Compressor RLA (A)	12
No. of Compressors	1

DIMENSIONS		
Unit Dimensions (in)	Height	26-1/2
	Width	37-5/8
	Depth	15
Shipping Weight (lb)	102	
Net Weight (lb)	95	

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		529
	Medium		450
	Low		371
External Static Pressure (in. w.g.)			0 - 0.40
Sound Pressure (dBA)	High		40
	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		8-1/4
	Width		37-7/8
	Depth		26-1/2

Unit Net/Shipping Weight (lb)			54/66
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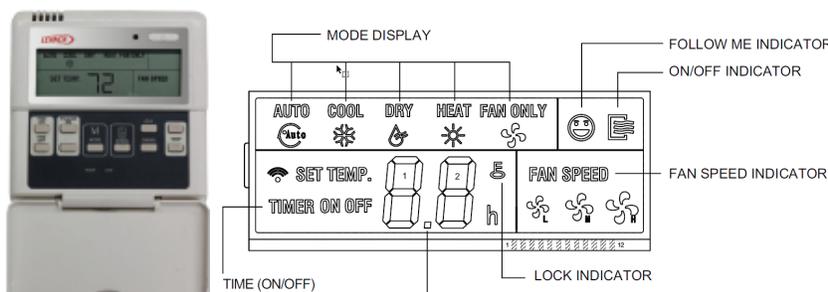
PIPING

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)

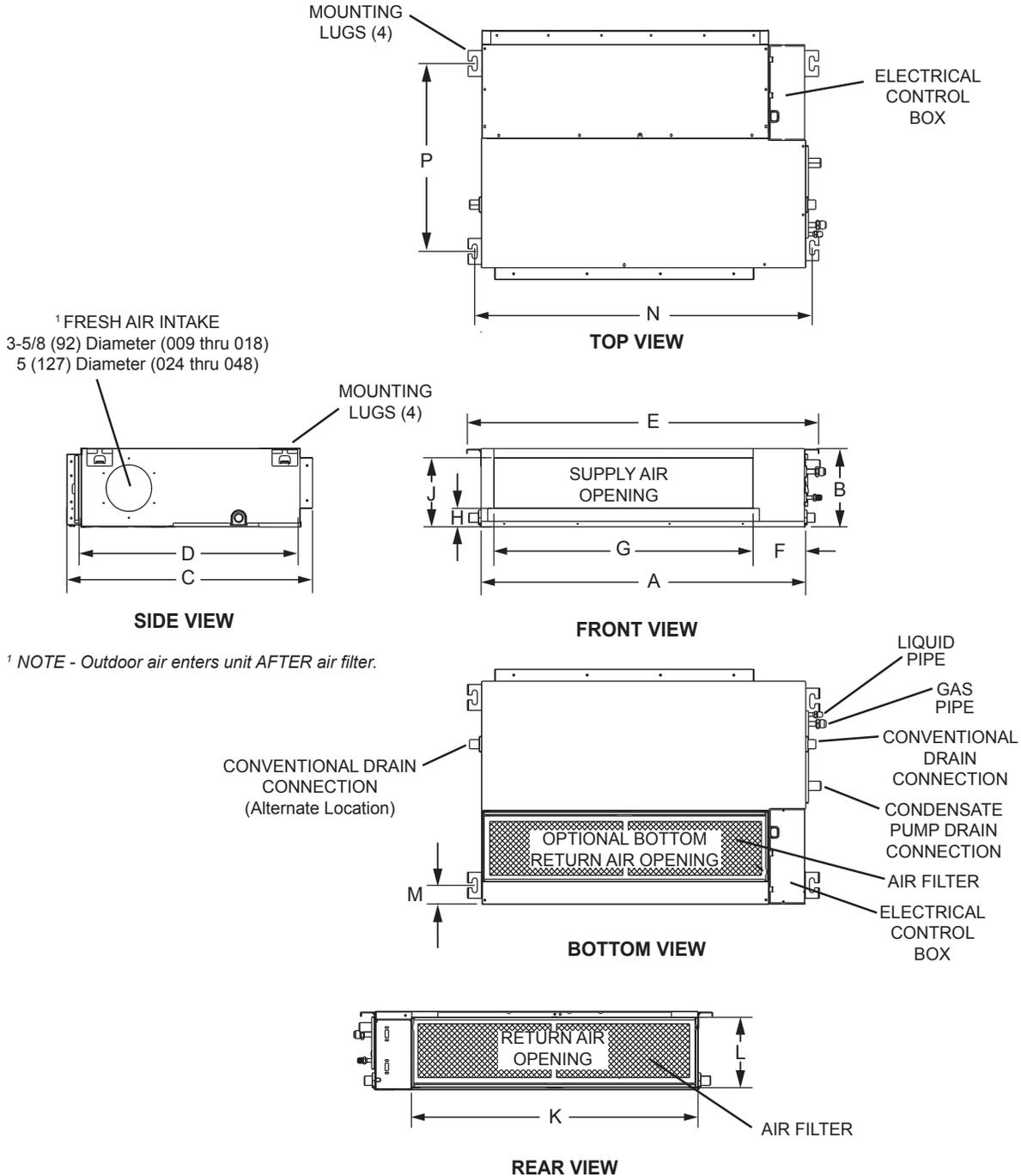
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INDOOR DIMENSIONAL DRAWINGS - INCHES (MM)



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								
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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