



SUBMITTAL DATA – DUCTED
MPB048S4S-1P – MMDB048S4-1P
 SINGLE ZONE MINI-SPLIT HEAT PUMP

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

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

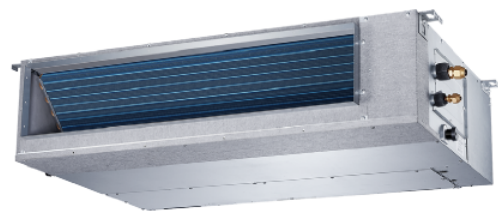
FEATURES

Outdoor Unit: MPB048S4S-1P



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

Indoor Unit: MMDB048S4-1P



- Auxiliary Heat Function
- Auto Restart
- Built-in Condensate Dump
- 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)	213 ft. (65 m)
Maximum Elevation - Outdoor Unit Below/Above Indoor Unit ft. (m)	98 ft. (30m)
Liquid Line Set Diameter (in.)	3/8
Gas Line Set Diameter (in.)	5/8
Pre-Charged (ft.)	25
Additional Charge of Refrigerant (oz/ft.)	0.322

PRODUCT WARRANTY

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

OPTIONAL ACCESSORIES

Hail Guards (M9GARD18Q-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

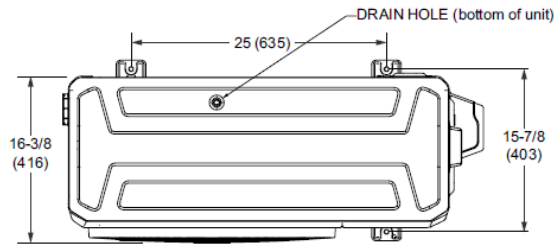
PERFORMANCE	
Cooling Capacity (Btu/h) ¹	48,000
EER	9.2
SEER	17.4
Heating Capacity (Btu/h) ¹	49,500
HSPF	10.3
Outdoor Fan Total Air Volume (CFM)	4,470
Ambient Temperature Operating Range	
Cooling	-13°F - 122°F
Heating	-13°F - 86°F
ELECTRICAL DATA	
Power Supply (V/Hz/Φ)	208-230/60/1
Minimum Circuit Ampacity (A)	35
Maximum Overcurrent Protection (A)	50
Outdoor Fan Motor RLA (A)	(2) 0.39
Compressor RLA (A)	23.5
No. of Compressors	1

GENERAL DATA		
Connection Ratio (%)	100%	
Max. # of Indoor Units	1 unit	
Sound Data (dBA) - Cooling/Heating	62.5/62.5	
Refrigerant type	R-410A	
Factory refrigerant charge	9 lbs. 4 oz.	
DIMENSIONS		
Unit Dimensions (in)	Height	52-1/2
	Width	37-1/2
	Depth	15-7/8
Shipping Weight (lb)	246	
Net Weight (lb)	218	

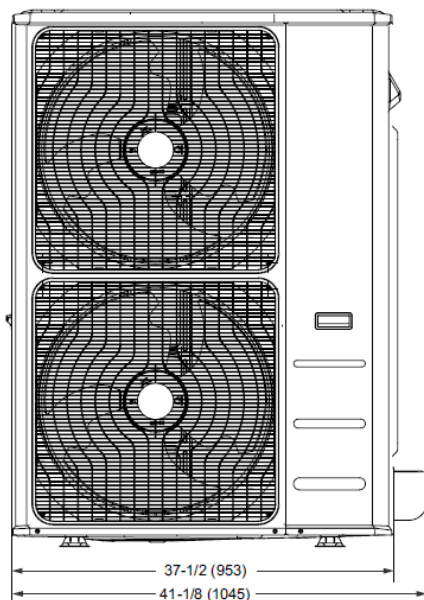
NOTES

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

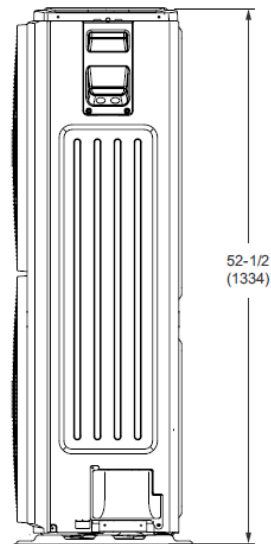
OUTDOOR DIMENSIONAL DRAWINGS - INCHES (MM)



TOP VIEW



FRONT VIEW



SIDE VIEW

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INDOOR SPECIFICATIONS

PERFORMANCE

Airflow (CFM)	High	1230
	Medium	1030
	Low	715
External Static Pressure (in. w.g.)		0 - 0.64
Sound Pressure (dBA)	High	50.5
	Medium	48.5
	Low	46

ELECTRICAL DATA

Power Supply (V/Hz/Φ)	Supplied by ODU
Rated load amps (RLA)	4.1
Power Output (W)	560

DIMENSIONS

Unit Dimensions (in)	Height	11
	Width	50-1/2
	Depth	34-3/8
Unit Net/Shipping Weight (lb)		120/142

PIPING

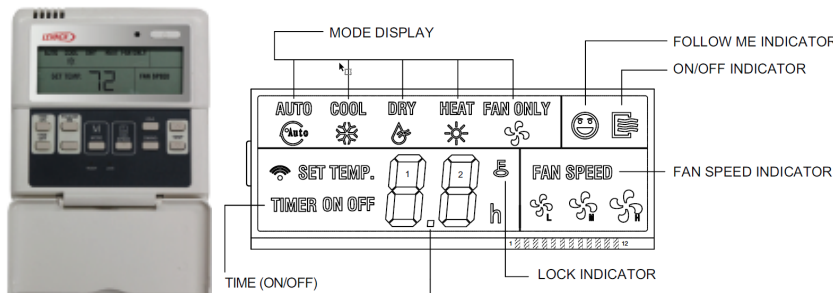
Liquid/Gas O.D. Flare (in.)	3/8 , 5/8
Drain Connection O.D. (in.)	1

WIRED REMOTE CONTROLLER SPECIFICATIONS

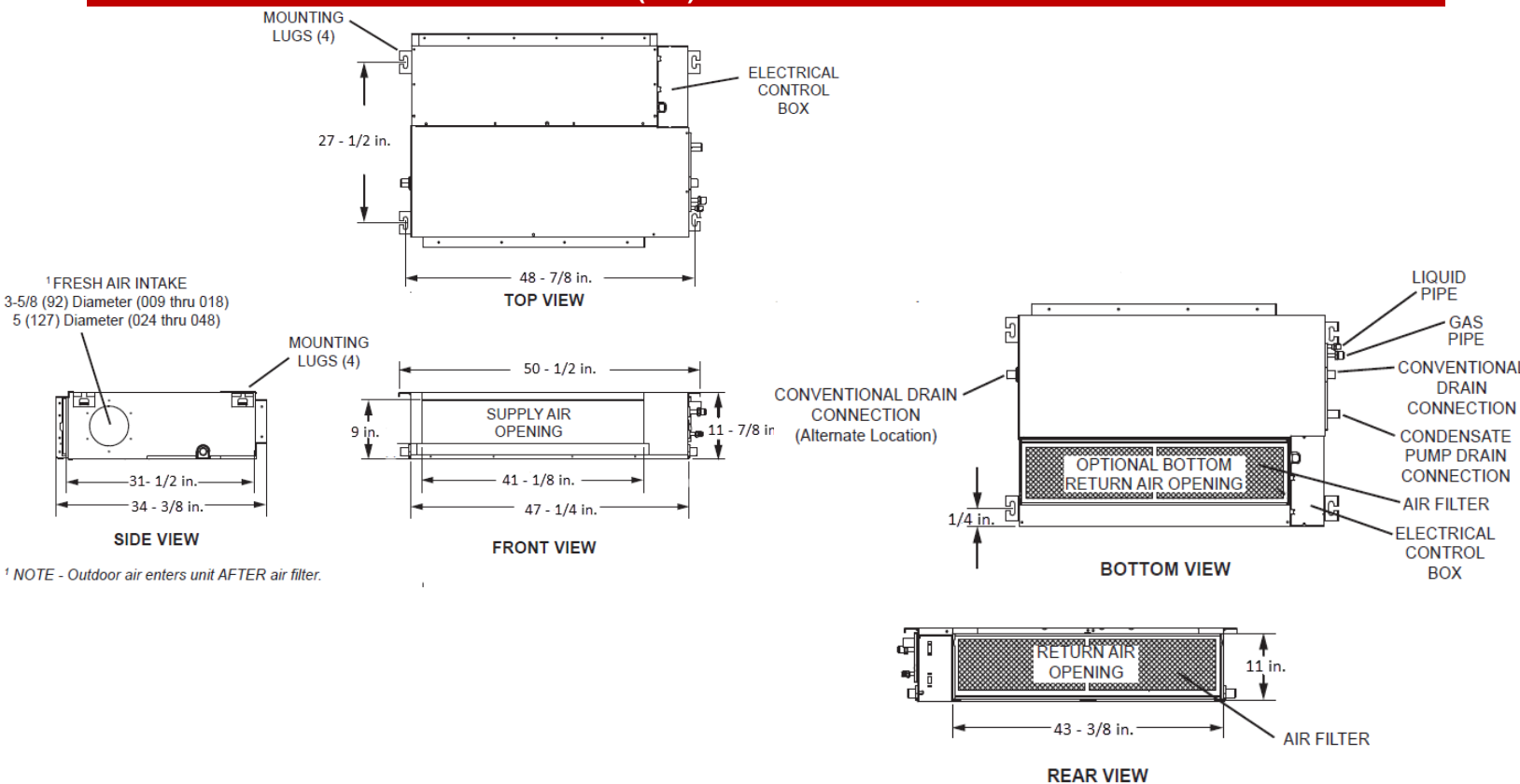
M0STAT61Q-1

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)



¹ NOTE - Outdoor air enters unit AFTER air filter.

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