



# SUBMITTAL DATA – CEILING/**FLOOR**

## MPB048S4S-1P – MCFB048S4-1P

### 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

### Indoor Unit: MCFB048S4-1P



- Pre Heat Function
- Auto Restart
- Three Selectable Fan Speeds
- Flare Connections
- LED Readout/Infrared Receiver Panel
- Multi-Refrigerant Outlet
- Wireless Remote 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. (30 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

Non-Programmable Controller (M0STAT61Q-1)  
 Programmable Controller (M0STAT64Q-1)  
 Hail Guards (M9GARD18Q-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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### SINGLE ZONE MINI-SPLIT HEAT PUMP

#### OUTDOOR SPECIFICATIONS

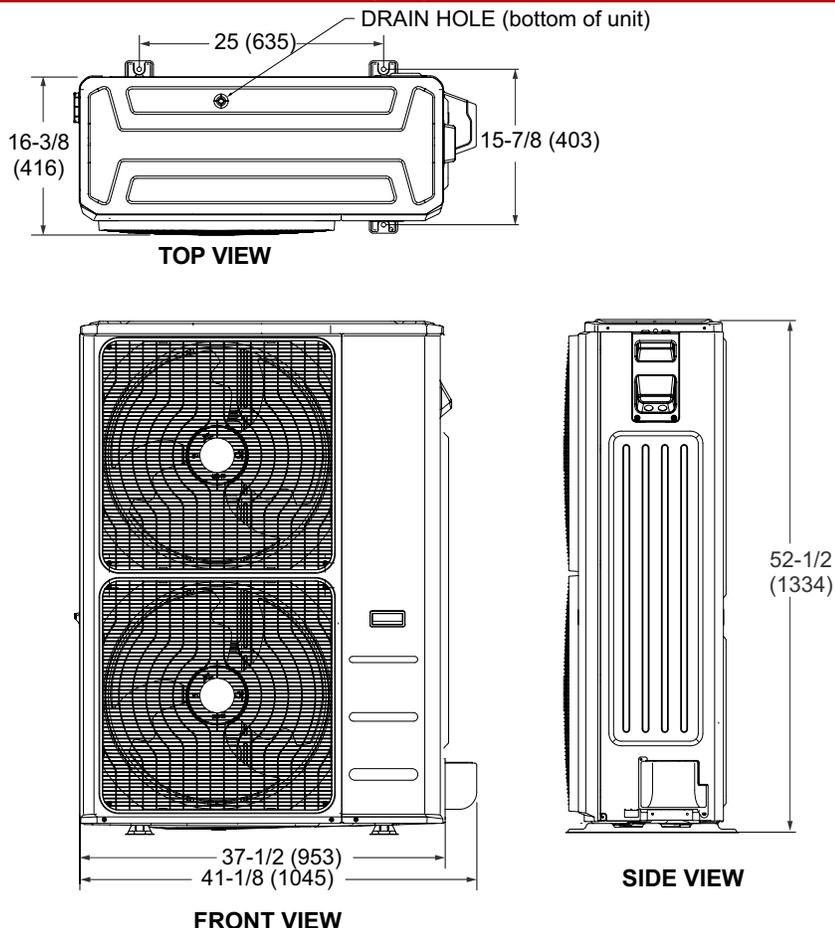
PERFORMANCE	
Cooling Capacity (Btu/h) <sup>1</sup>	48,000
EER	9.3
SEER	17.8
Heating Capacity (Btu/h) <sup>1</sup>	50,000
HSPF	11
Outdoor Fan Total Air Volume (CFM)	4,470
Ambient Temperature Operating Range	
Cooling	-13°F - 122°F
Heating	-13°F - 86°F
ELECTRICAL DATA	
Power Supply (V/Hz/Φ)	208-230/60/1
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)



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### INDOOR SPECIFICATIONS

#### PERFORMANCE

Airflow (CFM)	High	1350
	Medium	1120
	Low	1000
External Static Pressure (in. w.g.)		-
Sound Pressure (dBA)	High	57
	Medium	54
	Low	52

#### ELECTRICAL DATA

Power Supply (V/Hz/Φ)	Supplied by ODU
Rated load amps (RLA)	1.8
Power Output (W)	(2) 90

#### DIMENSIONS

Unit Dimensions (in)	Height	9-1/4
	Width	65
	Depth	26-5/8

Unit Net/Shipping Weight (lb)	84/97
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#### PIPING

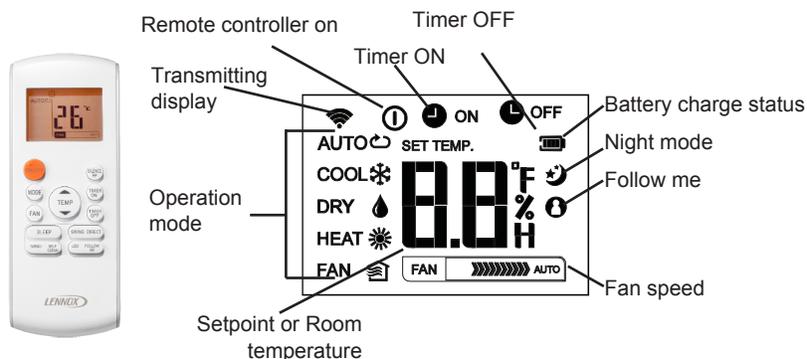
Liquid/Gas O.D. Flare (in.)	3/8 , 5/8
Drain Connection O.D. (in.)	1

### WIRELESS REMOTE CONTROLLER SPECIFICATIONS

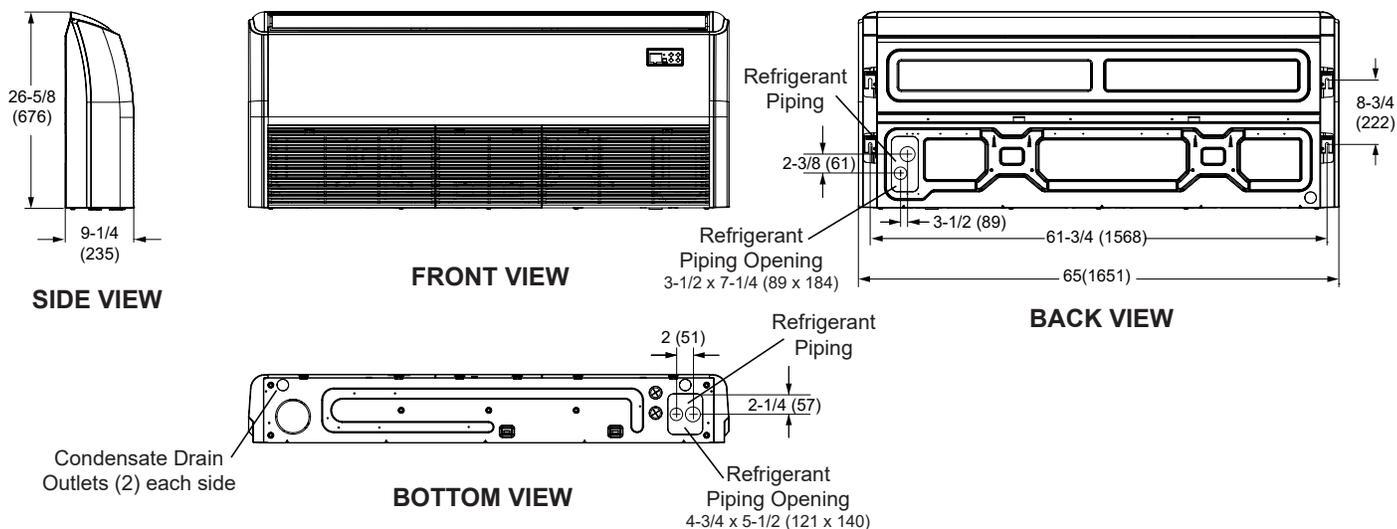
#### M0STAT60Q-1

Power Supply	2 AAA Batteries (Included)
Setpoint Range	62°F - 86°F
Operating Temperature Range	23°F - 140°F
Operating Humidity Range (RH)	40% to 90%
Effective Receiving Range	26 ft.

### DISPLAY



### INDOOR DIMENSIONAL DRAWINGS - INCHES (MM)



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