



# SUBMITTAL DATA – CEILING/**FLOOR**

## MPB036S4S-1P – MCFB036S4-1P

### SINGLE ZONE MINI-SPLIT HEAT PUMP

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

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

## FEATURES

**Outdoor Unit: MPB036S4S-1P**



- DC Inverter Control
- Compressor Overcurrent Protection
- Base Dancer
- Defrost Control

**Indoor Unit: MCFB036S4-1P**



- 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 (M9GARD17Q-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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## MPB036S4S-1P – MCFB036S4-1P

### SINGLE ZONE MINI-SPLIT HEAT PUMP

#### OUTDOOR SPECIFICATIONS

##### PERFORMANCE

Cooling Capacity (Btu/h) <sup>1</sup>	36,000
EER	8
SEER	16
Heating Capacity (Btu/h) <sup>1</sup>	36,000
HSPF	10
Outdoor Fan Total Air Volume (CFM)	2,530
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)	30
Maximum Overcurrent Protection (A)	50
Outdoor Fan Motor RLA (A)	1.0
Compressor RLA (A)	22
No. of Compressors	1

##### GENERAL DATA

Connection Ratio (%)	100%
Max. # of Indoor Units	1 unit
Sound Data (dBA) - Cooling/Heating	66/66
Refrigerant type	R-410A
Factory refrigerant charge	6 lbs. 12 oz.

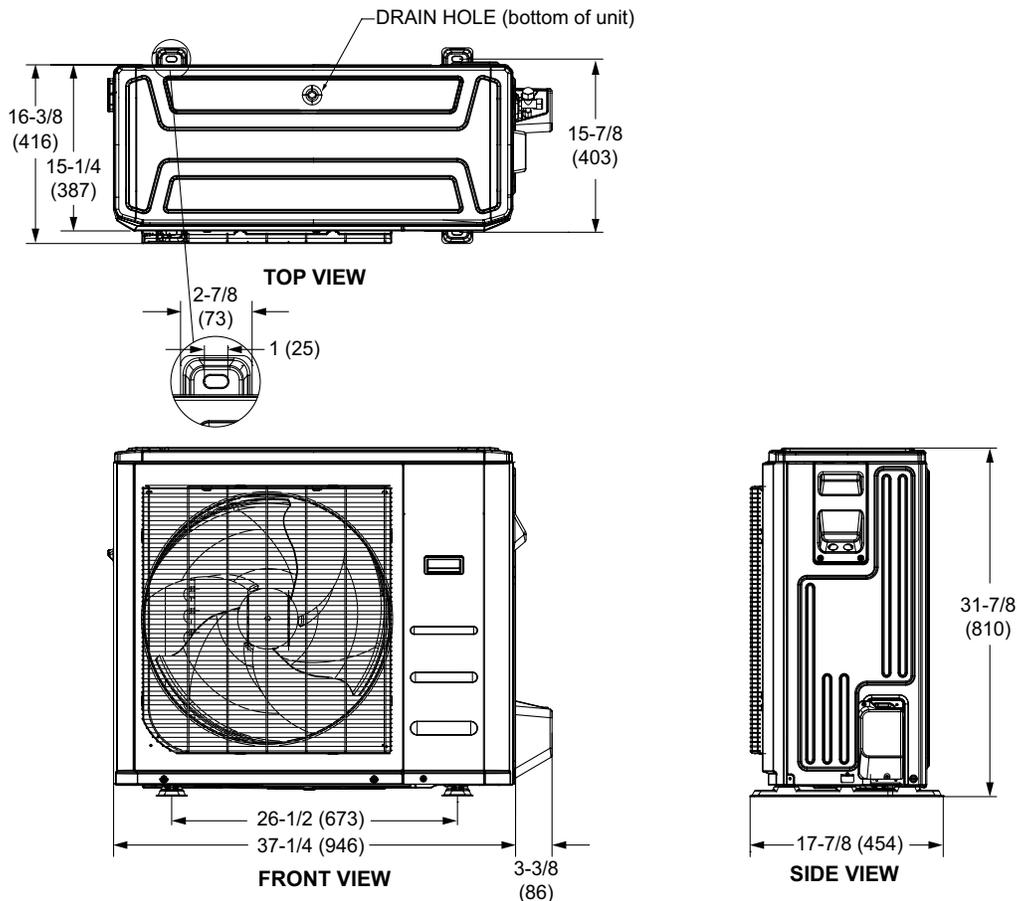
##### DIMENSIONS

Unit Dimensions (in)	Height	31-7/8
	Width	37-1/4
	Depth	15-7/8
Shipping Weight (lb)		161
Net Weight (lb)		149

##### NOTES

- 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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## SUBMITTAL DATA - CEILING/FLOOR

### MPB036S4S-1P - MCFCB036S4-1P

### SINGLE ZONE MINI-SPLIT HEAT PUMP

#### INDOOR SPECIFICATIONS

##### PERFORMANCE

Airflow (CFM)	High	1035
	Medium	915
	Low	640
External Static Pressure (in. w.g.)		-
Sound Pressure (dBA)	High	54
	Medium	49
	Low	43

##### ELECTRICAL DATA

Power Supply (V/Hz/Φ)	Supplied by ODU
Rated load amps (RLA)	1.5
Power Output (W)	115

##### DIMENSIONS

Unit Dimensions (in)	Height	9-1/4
	Width	50-5/8
	Depth	26-5/8

Unit Net/Shipping Weight (lb)	69/82
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##### PIPING

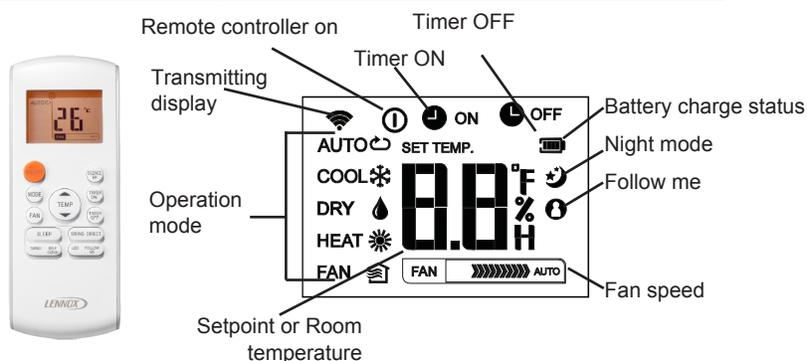
Liquid/Gas O.D. Flare (in.)	3/8 , 5/8
Drain Connection O.D. (in.)	1

#### WIRELESS REMOTE CONTROLLER SPECIFICATIONS

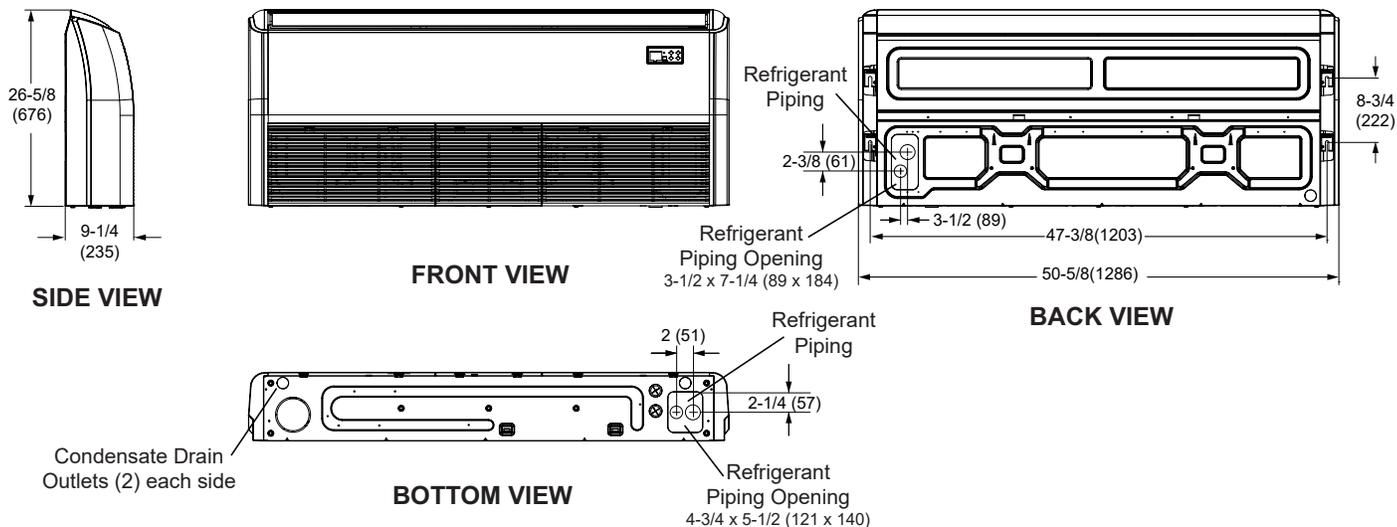
##### M0STAT60Q-1

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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