



SUBMITTAL DATA – CEILING/**FLOOR**
MPB024S4S-1P – MCFA024S4-2P
 SINGLE ZONE MINI-SPLIT HEAT PUMP

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

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

FEATURES

Outdoor Unit: MPB024S4S-1P



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

Indoor Unit: MCFA024S4-2P



- 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)	164 ft. (50 m)
Maximum Elevation - Outdoor Unit Below/Above Indoor Unit ft. (m)	82 ft. (25 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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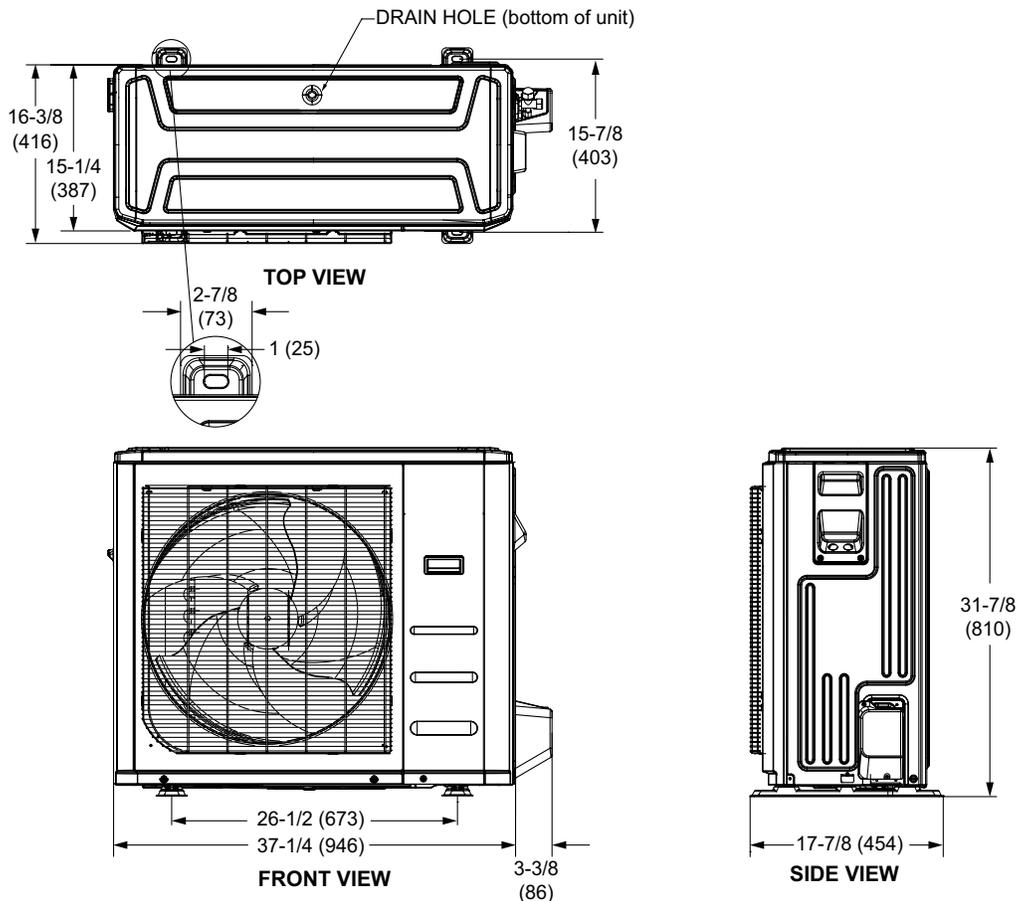
OUTDOOR SPECIFICATIONS

PERFORMANCE	
Cooling Capacity (Btu/h) ¹	24,000
EER	12.5
SEER	20
Heating Capacity (Btu/h) ¹	24,000
HSPF	11
Outdoor Fan Total Air Volume (CFM)	2,235
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)	18
Maximum Overcurrent Protection (A)	25
Outdoor Fan Motor RLA (A)	0.6
Compressor RLA (A)	12
No. of Compressors	1

GENERAL DATA	
Connection Ratio (%)	100%
Max. # of Indoor Units	1 unit
Sound Data (dBA) - Cooling/Heating	61/61
Refrigerant type	R-410A
Factory refrigerant charge	5 lbs. 3 oz.
DIMENSIONS	
Unit Dimensions (in)	Height 31-7/8
	Width 37-1/4
	Depth 15-7/8
Shipping Weight (lb)	149
Net Weight (lb)	137

- 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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INDOOR SPECIFICATIONS

PERFORMANCE

Airflow (CFM)	High	760
	Medium	710
	Low	600
Sound Pressure (dBA)	High	53
	Medium	48
	Low	42

ELECTRICAL DATA

Power Supply (V/Hz/Φ)	Supplied by ODU	
Rated load amps (RLA)	1.5	
Power Output (W)	55	

DIMENSIONS

Unit Dimensions (in)	Height	9-1/4
	Width	42-5/8
	Depth	26-5/8

Unit Net/Shipping Weight (lb)	59/70
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PIPING

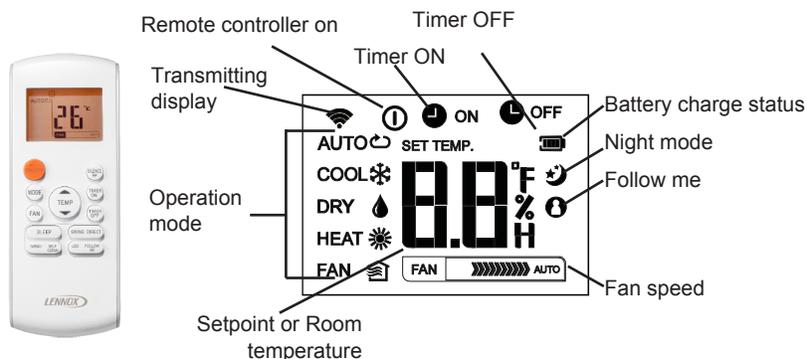
Liquid/Gas O.D. Flare (in.)	3/8 , 5/8
Drain Connection O.D. (in.)	1

WIRELESS REMOTE CONTROLLER SPECIFICATIONS

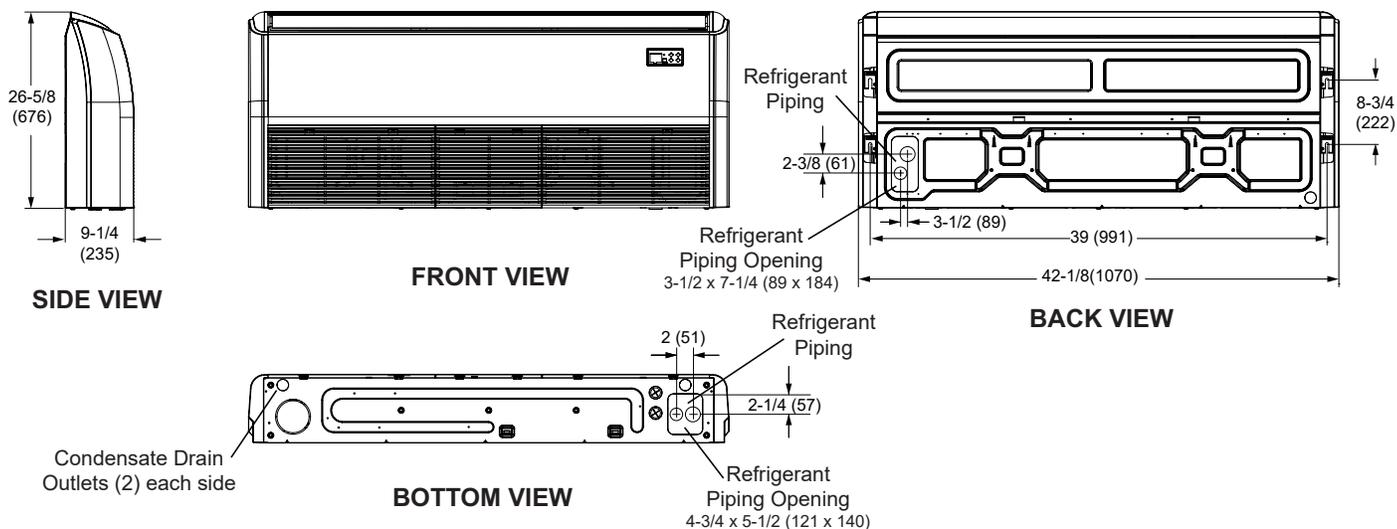
M0STAT60Q-1

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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