



SUBMITTAL DATA – CEILING/**FLOOR**  
 MLA024S4S-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: MLA024S4S-1P

Indoor Unit: MCFA024S4-2P



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

- Pre Heat Function
- Auto Restart
- Three Selectable Fan Speeds
- Flare Connections
- LED Readout/Infrared Receiver Panel
- 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. (25m)
Liquid Line Set Diameter (in.)	3/8
Gas Line Set Diameter (in.)	5/8
Pre-Charged (ft.)	25 ft.
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.



# SUBMITTAL DATA – CEILING/**FLOOR**

MLA0**24**S4S-1P – MCFA0**24**S4-2P

SINGLE ZONE MINI-SPLIT HEAT PUMP

## OUTDOOR SPECIFICATIONS

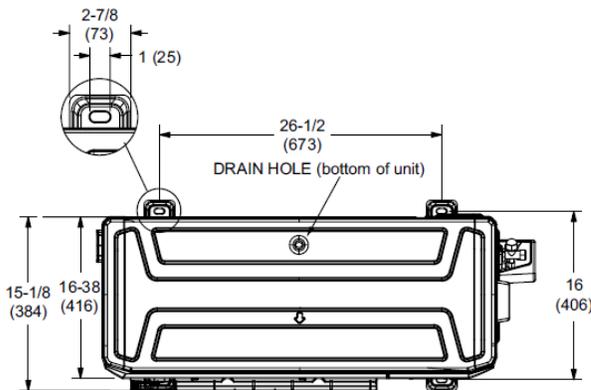
PERFORMANCE	
Cooling Capacity (Btu/h) <sup>1</sup>	24,000
EER	11.5
SEER	19
Heating Capacity (Btu/h) <sup>1</sup>	24,000
HSPF	11
Outdoor Fan Total Air Volume (CFM)	2,355
Ambient Temperature Operating Range	
Cooling	-22°F - 122°F
Heating	-22°F - 86°F
ELECTRICAL DATA	
Power Supply (V/Hz/Φ)	208-230/60/1
Minimum Circuit Ampacity (A)	20
Maximum Overcurrent Protection (A)	30
Outdoor Fan Motor RLA (A)	0.5
Compressor RLA (A)	14
No. of Compressors	1

GENERAL DATA		
Connection Ratio (%)	100%	
Max. # of Indoor Units	1 unit	
Sound Data (dBA) - Cooling/Heating	57/60	
Refrigerant type	R-410A	
Factory refrigerant charge	5 lbs. 7 oz.	
DIMENSIONS		
Unit Dimensions (in)	Height	31-7/8
	Width	40-3/4
	Depth	18
Shipping Weight (lb)	149	
Net Weight (lb)	136	

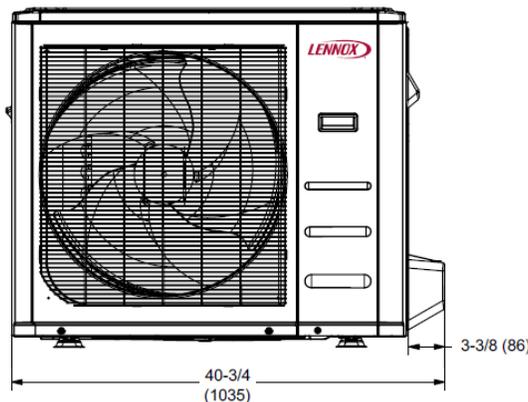
**NOTES**

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

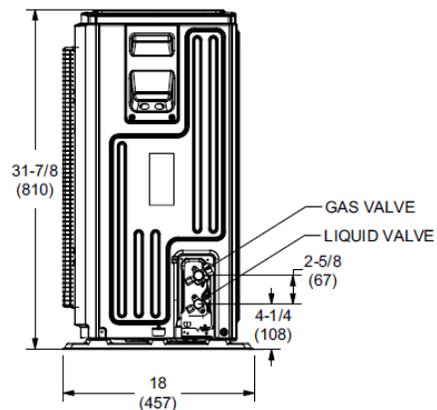
## OUTDOOR DIMENSIONAL DRAWINGS - INCHES (MM)



TOP VIEW



FRONT VIEW



SIDE VIEW

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# SUBMITTAL DATA - CEILING/FLOOR

## MLA024S4S-1P - MCFA024S4-2P

### SINGLE ZONE MINI-SPLIT HEAT PUMP

#### INDOOR SPECIFICATIONS

##### PERFORMANCE

Airflow (CFM)	High	760
	Medium	710
	Low	600
External Static Pressure (in. w.g.)		-
Sound Pressure (dBA)	High	53
	Medium	48
	Low	42

##### ELECTRICAL DATA

Power Supply (V/Hz/Φ)	Supplied by ODU
Rated load amps (RLA)	2
Power Output (W)	55

##### DIMENSIONS

Unit Dimensions (in)	Height	31-7/8
	Width	40-3/4
	Depth	18

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

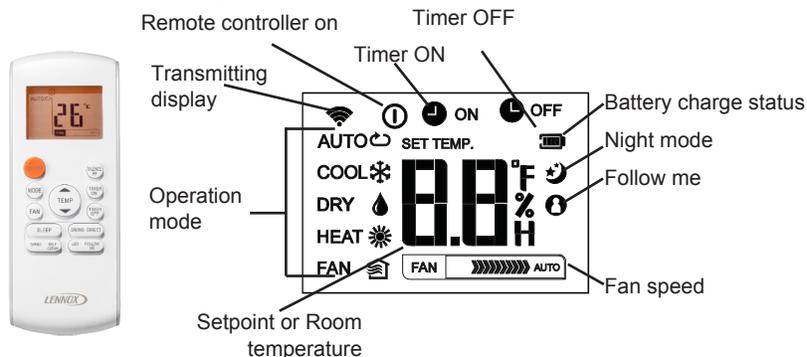
Liquid/Gas O.D. Flare (in.)	3/8, 5/8
Drain Connection O.D. (in.)	1

#### WIRELESS REMOTE CONTROLLER SPECIFICATIONS

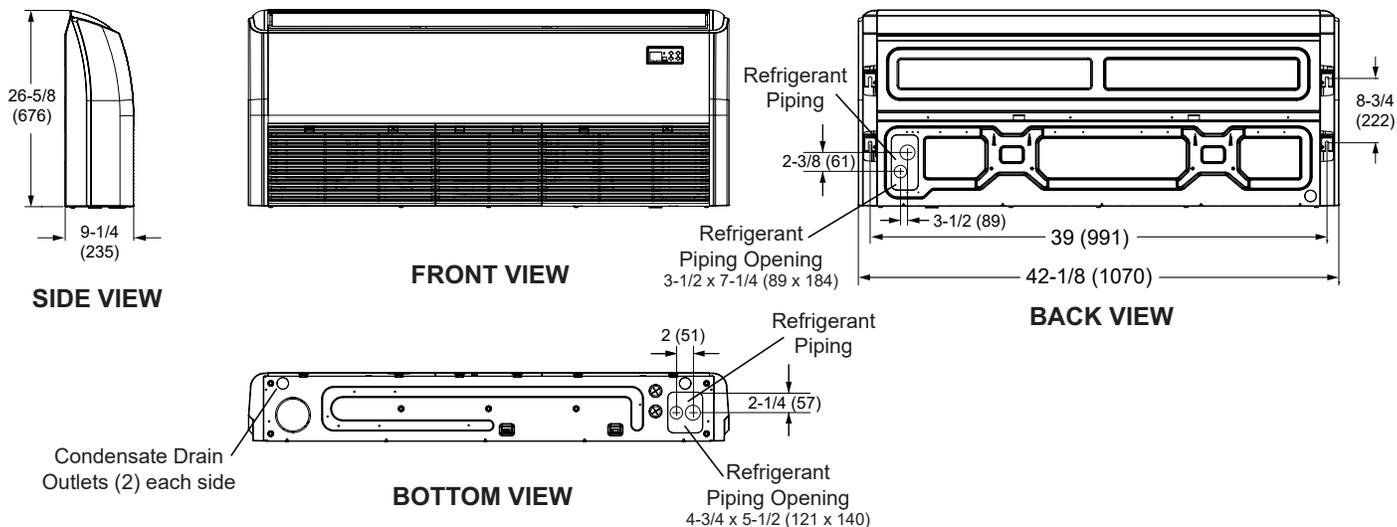
##### M0STAT60Q-1

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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