



# SUBMITTAL DATA – CEILING CASSETTE

## MLA024S4S-1P – M22A024S4-2P

### 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



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

Indoor Unit: M22A024S4-2P



- 360 Airflow Panel
- Pre Heat Function
- Auto Restart
- Built-In Condensate Pump
- 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 **CASSETTE**

MLA0**24**S4S-1P – M22A0**24**S4-**2P**

SINGLE ZONE MINI-SPLIT HEAT PUMP

## OUTDOOR SPECIFICATIONS

### PERFORMANCE

Cooling Capacity (Btu/h) <sup>1</sup>	24,000
EER	11
SEER	19.5
Heating Capacity (Btu/h) <sup>1</sup>	24,000
HSPF	10.5
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	

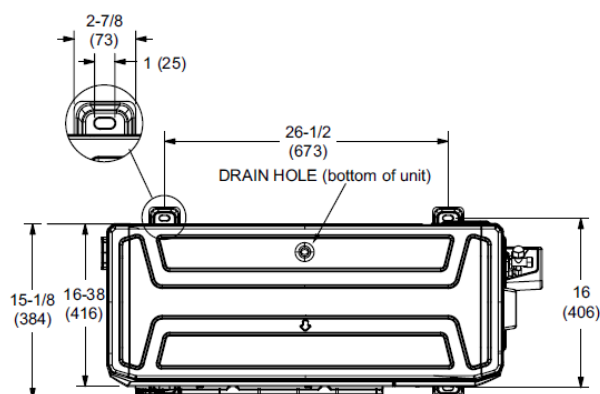
### NOTES

1. Cooling and Heating Capacity data is rated at the following conditions:

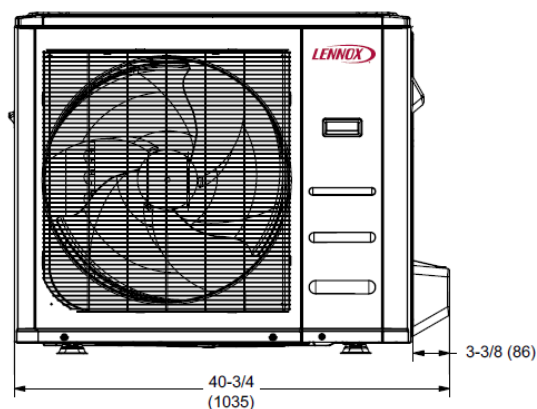
Cooling: 80°FDB / 67°FWB Indoor, 95°FDB Outdoor

Heating: 70°FDB Indoor, 47°FDB / 43°FWB Outdoor

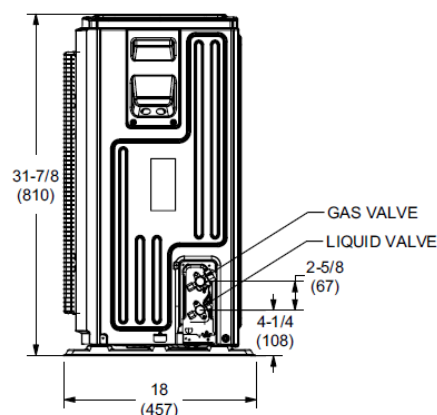
## OUTDOOR DIMENSIONAL DRAWINGS - INCHES (MM)



TOP VIEW



FRONT VIEW



SIDE VIEW

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### INDOOR SPECIFICATIONS

#### PERFORMANCE

Airflow (CFM)	High	700
	Medium	635
	Low	575
External Static Pressure (in. w.g.)		-
Sound Pressure (dBA)	High	51
	Medium	47
	Low	43

#### ELECTRICAL DATA

Power Supply (V/Hz/Φ)	Supplied by ODU
Rated load amps (RLA)	2
Power Output (W)	42

#### DIMENSIONS

Unit Dimensions (in)	Height	8-1/8
	Width	33-1/8
	Depth	33-1/8
Unit Net/Shipping Weight (lb)		47/55

#### PIPING

Liquid/Gas O.D. Flare (in.)	3/8, 5/8
Drain Connection O.D. (in.)	1-1/4

#### Required Component - Ordered Separately

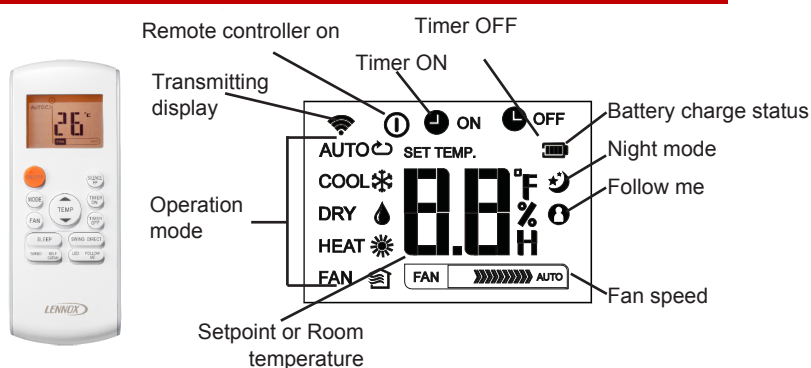
Cassette Panel	13 x 05 (M0STAT63Q-1)
Net/Shipping Weight (lb)	12/18

### WIRELESS REMOTE CONTROLLER SPECIFICATIONS

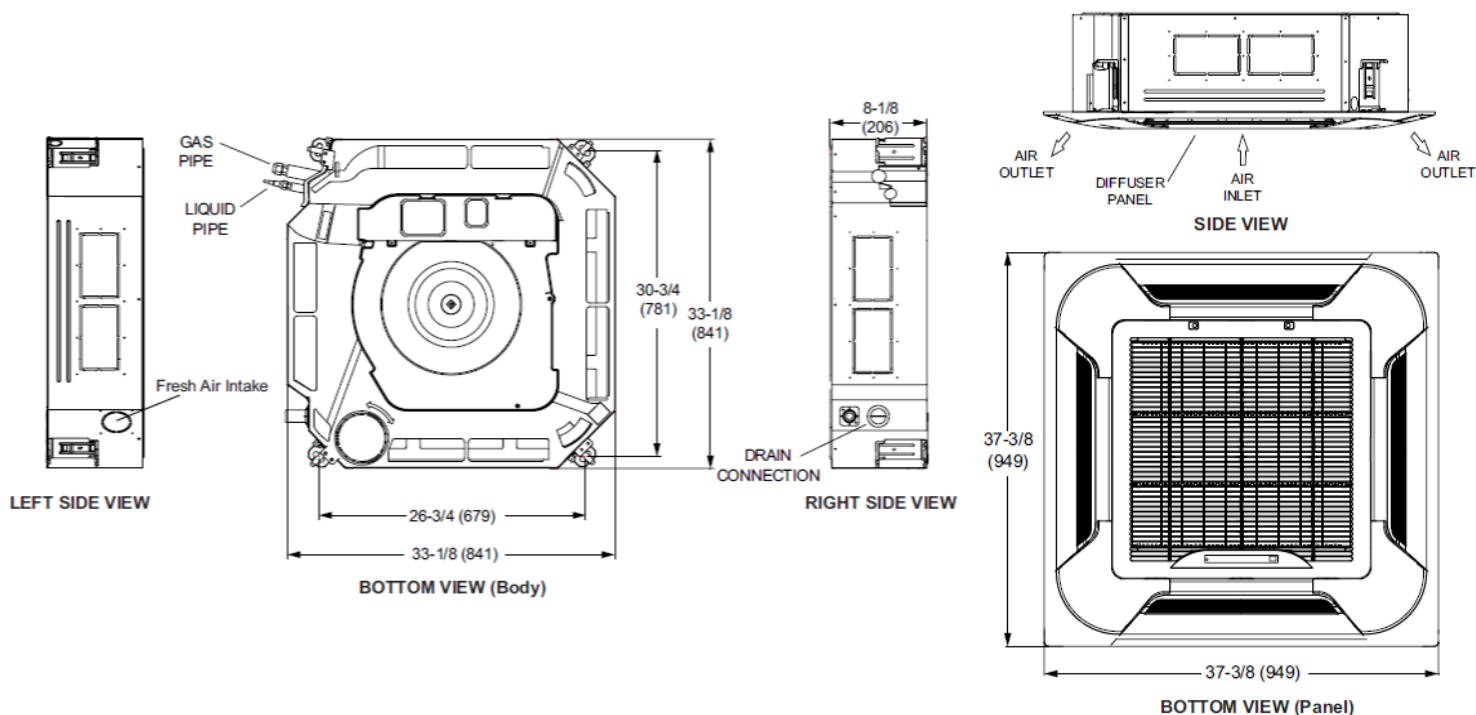
#### M0STAT60Q-1

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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