



SUBMITTAL DATA – CEILING CASSETTE  
**MLB009S4S-1P – M22A009S4-2P**  
 SINGLE ZONE MINI-SPLIT HEAT PUMP

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

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

**FEATURES**

**Outdoor Unit: MLB009S4S-1P**



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

**Indoor Unit: M22A009S4-2P**



- 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)	98 (30)
Maximum Elevation - Outdoor Unit Below/Above Indoor Unit ft. (m)	66 (20)
Liquid Line Set Diameter (in.)	1/4
Gas Line Set Diameter (in.)	3/8
Pre-Charged (ft.)	25
Additional Charge of Refrigerant (oz/ft.)	0.16

**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-2)  
 Hail Guard Set (M9GARD19Q-1/24M81)



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

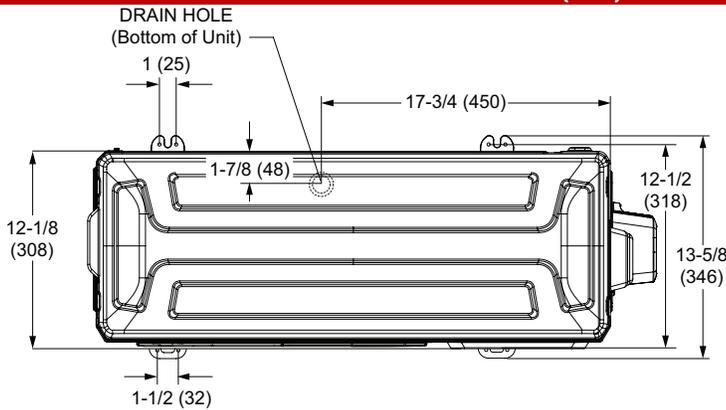
PERFORMANCE	
Cooling Capacity (Min/Max) (Btu/h) <sup>1</sup>	9,000 (2,850/11,100)
EER2	13
SEER2	20.5
Heating Capacity (Btu/h) <sup>1</sup>	9,800 (2,270/12,500)
HSPF2	10.2
Outdoor Fan Total Air Volume (CFM)	1,120
Ambient Temperature Operating Range	
Cooling	-22°F - 122°F
Heating	-22°F - 86°F
ELECTRICAL DATA	
Power Supply (V/Hz/Φ)	208-230/60/1
Minimum Circuit Ampacity (A)	15
Maximum Overcurrent Protection (A)	15
Outdoor Fan Motor RLA (A)	0.4
No. of Compressors	1

GENERAL DATA	
Connection Ratio (%)	100%
Max. # of Indoor Units	1 unit
Sound Data (dBA) - Cooling/Heating	54.5/54.5
Refrigerant type	R-410A
Factory refrigerant charge	2 lbs. 9 oz.
DIMENSIONS	
Unit Dimensions (in)	Height 21-7/8
	Width 34-3/8
	Depth 12-1/8
Shipping Weight (lb)	80
Net Weight (lb)	74

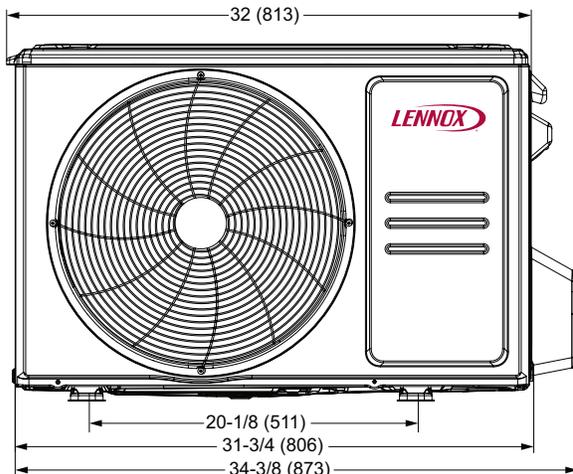
**NOTES**

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

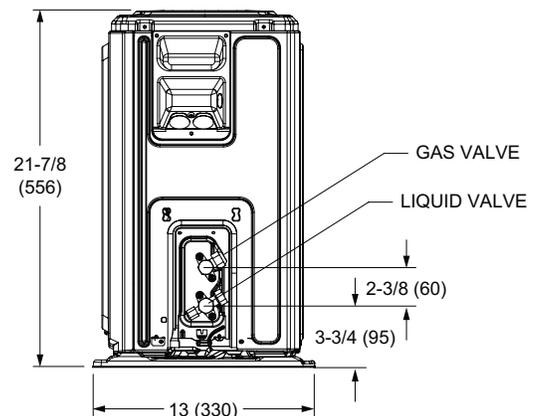
#### OUTDOOR DIMENSIONAL DRAWINGS - INCHES (MM)



**TOP VIEW**



**FRONT VIEW**



**SIDE VIEW**

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**INDOOR SPECIFICATIONS**

**PERFORMANCE**

Airflow (CFM)	High	375
	Medium	300
	Low	255
Sound Pressure (dBA)	High	41
	Medium	37
	Low	33

**ELECTRICAL DATA**

Power Supply (V/Hz/Φ)	Supplied by ODU
Rated load amps (RLA)	1
Power Output (W)	46

**DIMENSIONS**

Unit Dimensions (in)	Height	10-3/8
	Width	21-1/2
	Depth	20-5/8

Unit Net/Shipping Weight (lb)	32/38
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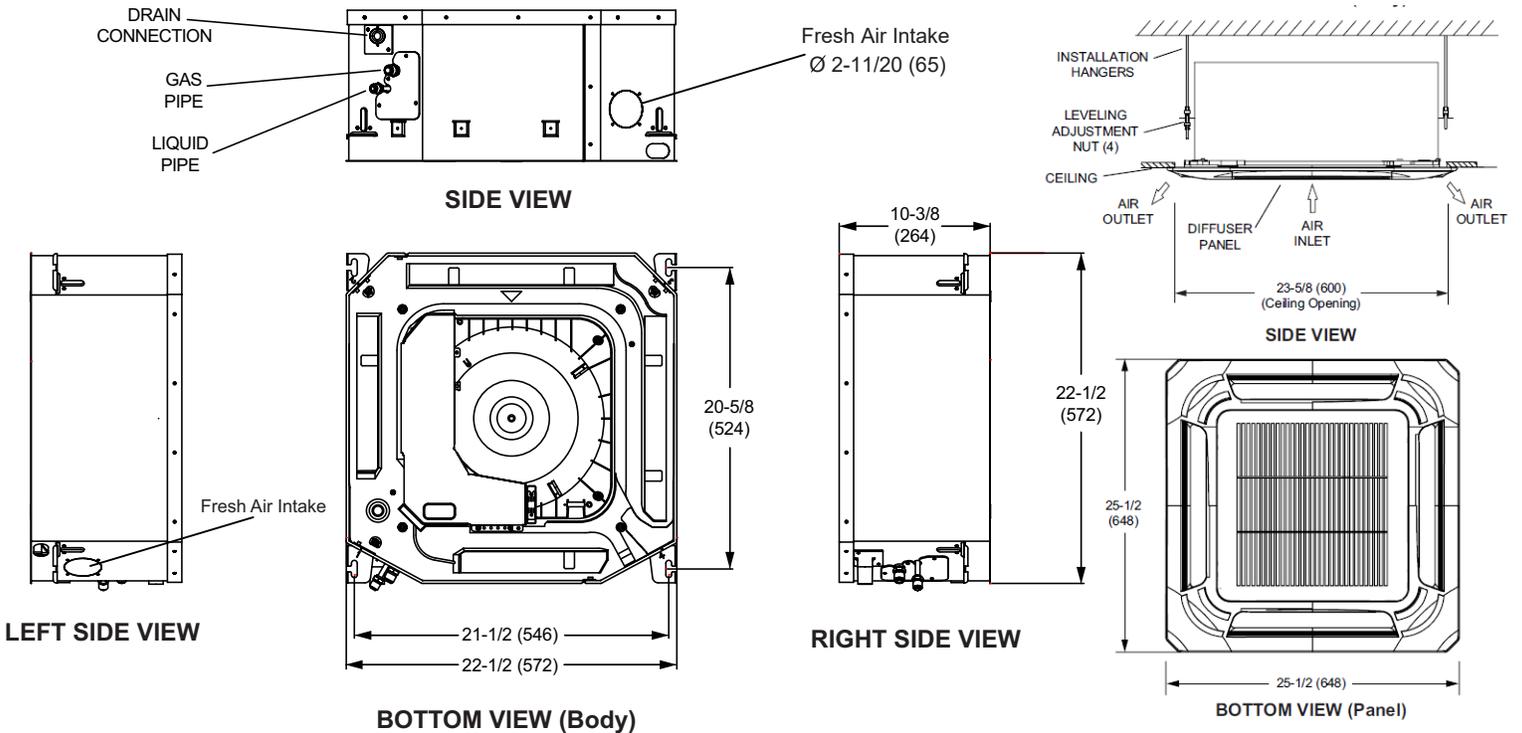
**PIPING**

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

**Required Component - Ordered Separately**

Cassette Panel	13 x 04 (MOSTAT62Q-1)
Net/Shipping Weight (lb)	6/10

**INDOOR DIMENSIONAL DRAWINGS - INCHES (MM)**



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