



SUBMITTAL DATA – CEILING CASSETTE  
**MLB024S4S-1P – M33C024S4-1P**  
 SINGLE ZONE MINI-SPLIT HEAT PUMP

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

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

**FEATURES**

**Outdoor Unit: MLB024S4S-1P**

**Indoor Unit: M33C024S4-1P**



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

- 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 (50)
Maximum Elevation - Outdoor Unit Below/Above Indoor Unit ft. (m)	82 (25)
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-2)  
 Hail Guard Set (M9GARD22Q-1/24M84)



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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## **MLB024S4S-1P - M33C024S4-1P**

### SINGLE ZONE MINI-SPLIT HEAT PUMP

#### OUTDOOR SPECIFICATIONS

##### PERFORMANCE

Cooling Capacity (Btu/h) <sup>1</sup>	24,000
EER2	11.0
SEER2	20.5
Heating Capacity (Btu/h) <sup>1</sup>	25,000
HSPF2	11.5
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)	25
Maximum Overcurrent Protection (A)	35
Outdoor Fan Motor RLA (A)	0.5
No. of Compressors	1

##### GENERAL DATA

Connection Ratio (%)	100%
Max. # of Indoor Units	1 unit
Sound Data (dBA) - Cooling/Heating	62/62
Refrigerant type	R-410A
Factory refrigerant charge	5 lbs. 12 oz.

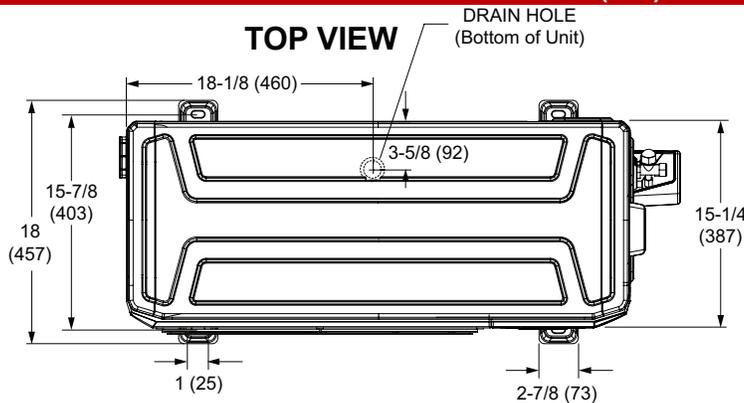
##### DIMENSIONS

Unit Dimensions (in)	Height	31-7/8
	Width	37-1/4
	Depth	15-7/8
Shipping Weight (lb)		145
Net Weight (lb)		135

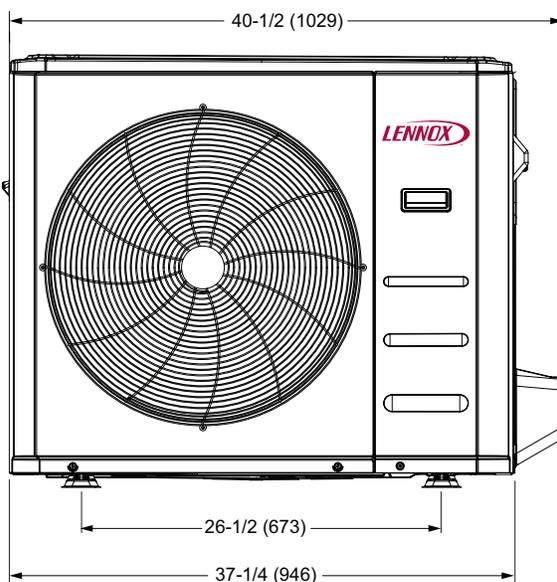
##### NOTES

- 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

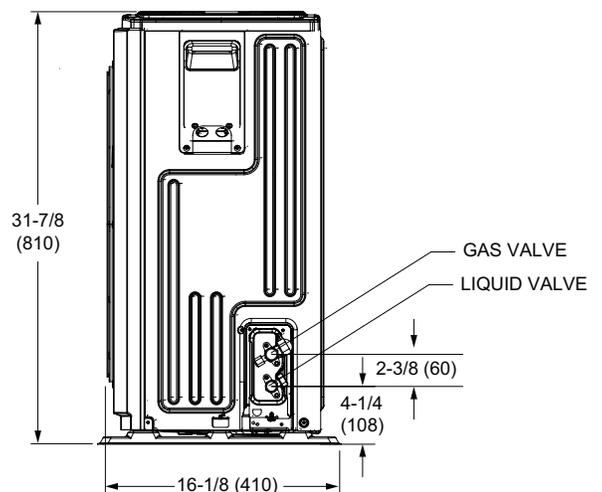
#### OUTDOOR DIMENSIONAL DRAWINGS - INCHES (MM)



##### FRONT VIEW



##### SIDE VIEW



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### SINGLE ZONE MINI-SPLIT HEAT PUMP

#### INDOOR SPECIFICATIONS

##### PERFORMANCE

Airflow (CFM)	High	706
	Medium	635
	Low	547
Sound Pressure (dBA)	High	49
	Medium	46
	Low	43

##### ELECTRICAL DATA

Power Supply (V/Hz/Φ)	Supplied by ODU
Rated load amps (RLA)	1.0
Power Output (W)	45

##### DIMENSIONS

Unit Dimensions (in)	Height	37-3/8
	Width	37-3/8
	Depth	8-1/8

Unit Net/Shipping Weight (lb)	48/56
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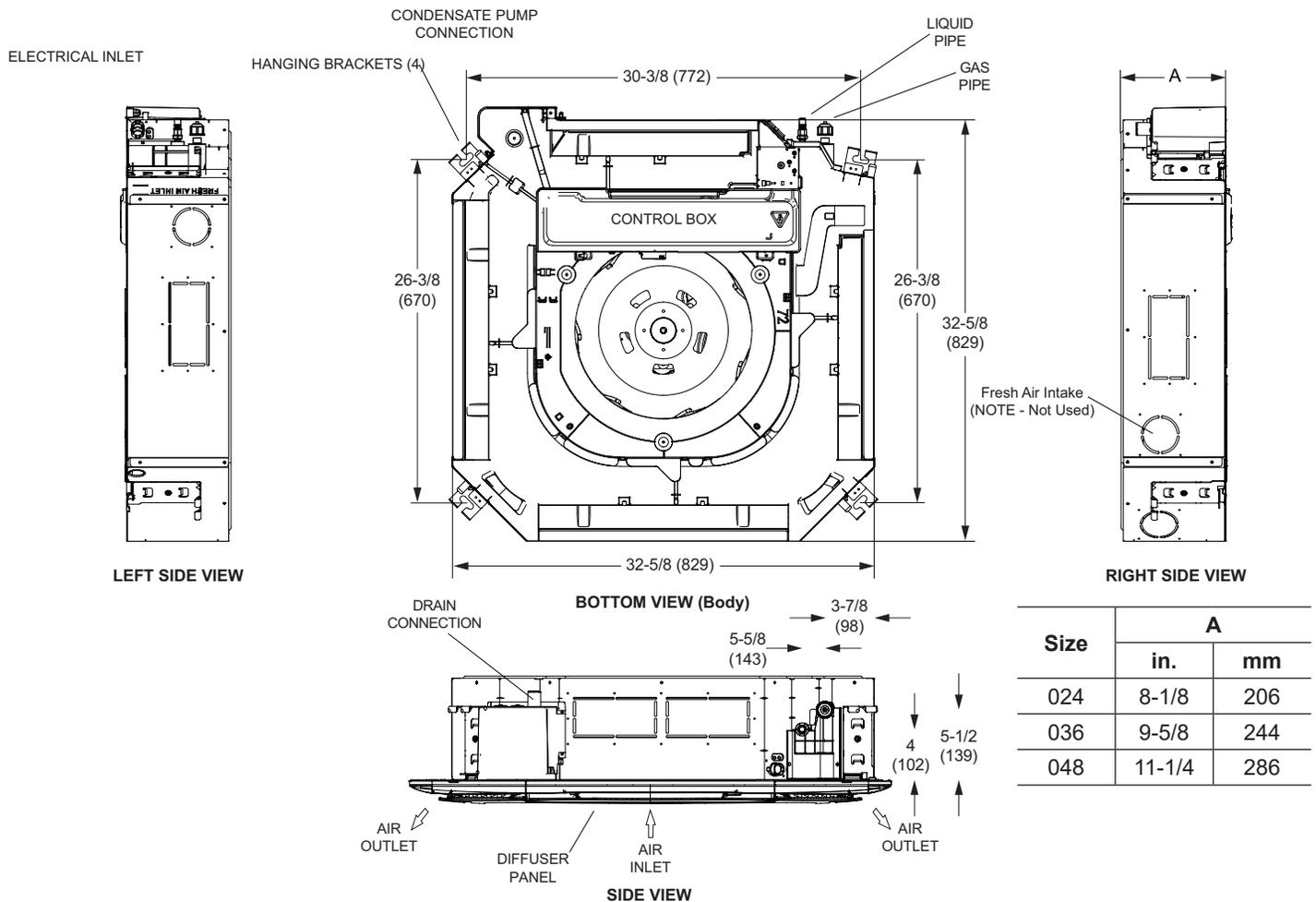
##### PIPING

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

##### Required Component - Ordered Separately

Cassette Panel	M33CPNL, 22V17
Net/Shipping Weight (lb)	14/20

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



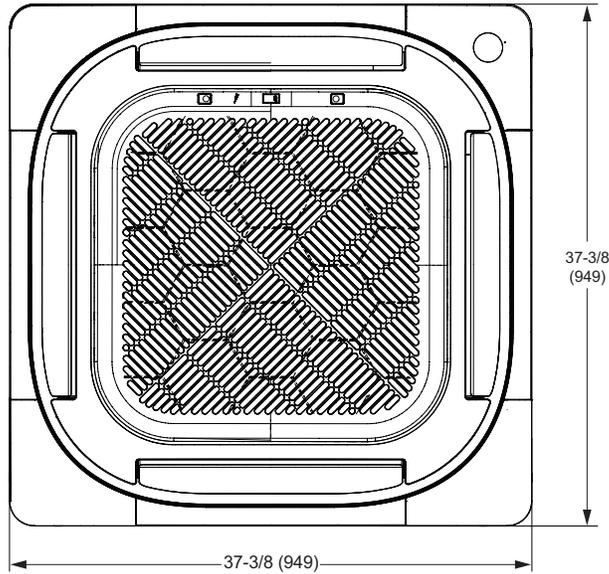
Size	A	
	in.	mm
024	8-1/8	206
036	9-5/8	244
048	11-1/4	286

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



**BOTTOM VIEW (Panel)**