



SUBMITTAL DATA – CEILING/**FLOOR**

ML**B048S4S-2P** – MC**FA048S4-2P**

SINGLE ZONE MINI-SPLIT HEAT PUMP

Job: _____

Location: _____

Schedule No.: _____

System Designation: _____

Engineer: _____

Architect: _____

Date: _____

For: Reference Approval Review Construction

FEATURES

Outdoor Unit: **MLB048S4S-2P**



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

Indoor Unit: **MCFA048S4-2P**



- 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)	213 ft. (65 m)
Maximum Elevation - Outdoor Unit Below/Above Indoor Unit ft. (m)	98 ft. (30 m)
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 Guard Set (M9GARD21Q-1/24M83)



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	48,000 (2,150 ~ 48,051)
EER2	8.2
SEER2	17
Heating Capacity (Btu/h) ¹	51,000 (11,889 ~ 56,363)
HSPF2	9.80
Outdoor Fan Total Air Volume (CFM)	4,470
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)	36.3
Maximum Overcurrent Protection (A)	50
Outdoor Fan Motor RLA (A)	2 (0.39)
Compressor RLA (A)	
No. of Compressors	2

GENERAL DATA	
Connection Ratio (%)	100%
Max. # of Indoor Units	1 unit
Sound Data (dBA) - Cooling/Heating	65/65
Refrigerant type	R-410A
Factory refrigerant charge	16 lbs. 0 oz.
DIMENSIONS	
Unit Dimensions (in)	Height 52-1/2
	Width 37-1/2
	Depth 15-7/8
Shipping Weight (lb)	256
Net Weight (lb)	228

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

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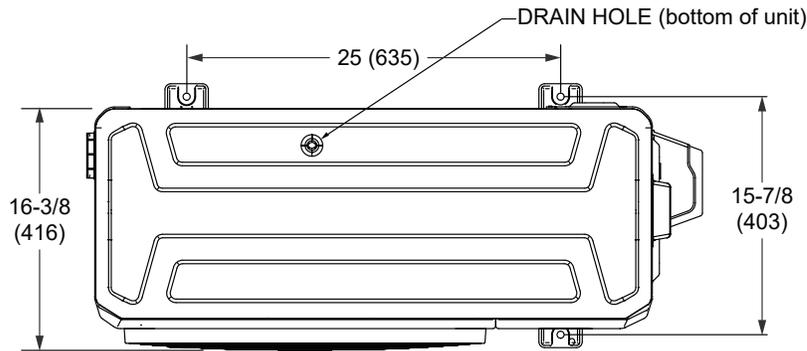


SUBMITTAL DATA - CEILING **CASSETTE**

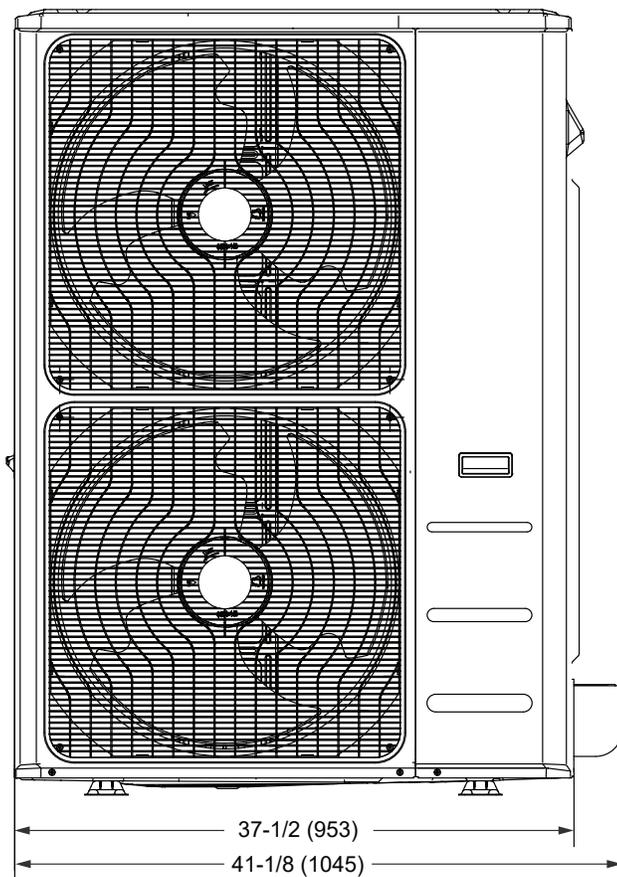
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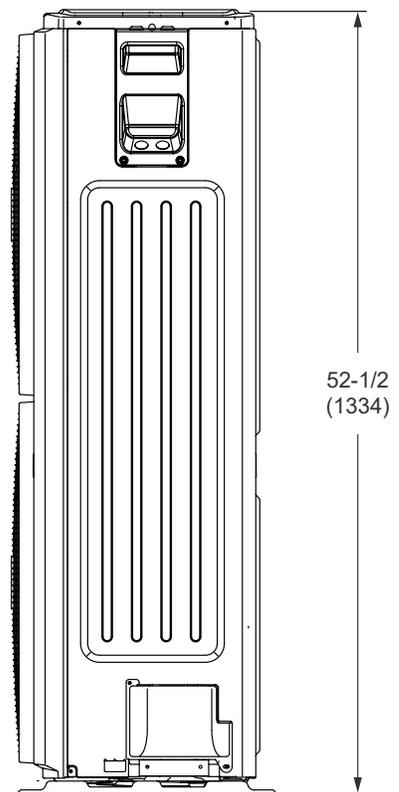
OUTDOOR DIMENSIONAL DRAWINGS - INCHES (MM)



TOP VIEW



FRONT VIEW



SIDE VIEW

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INDOOR SPECIFICATIONS

PERFORMANCE

Airflow (CFM)	High	1350
	Medium	1120
	Low	1000
External Static Pressure (in. w.g.)		-
Sound Pressure (dBA)	High	55
	Medium	50
	Low	45

ELECTRICAL DATA

Power Supply (V/Hz/Φ)	Supplied by ODU
Rated load amps (RLA)	1.8
Power Output (W)	(2) 90

DIMENSIONS

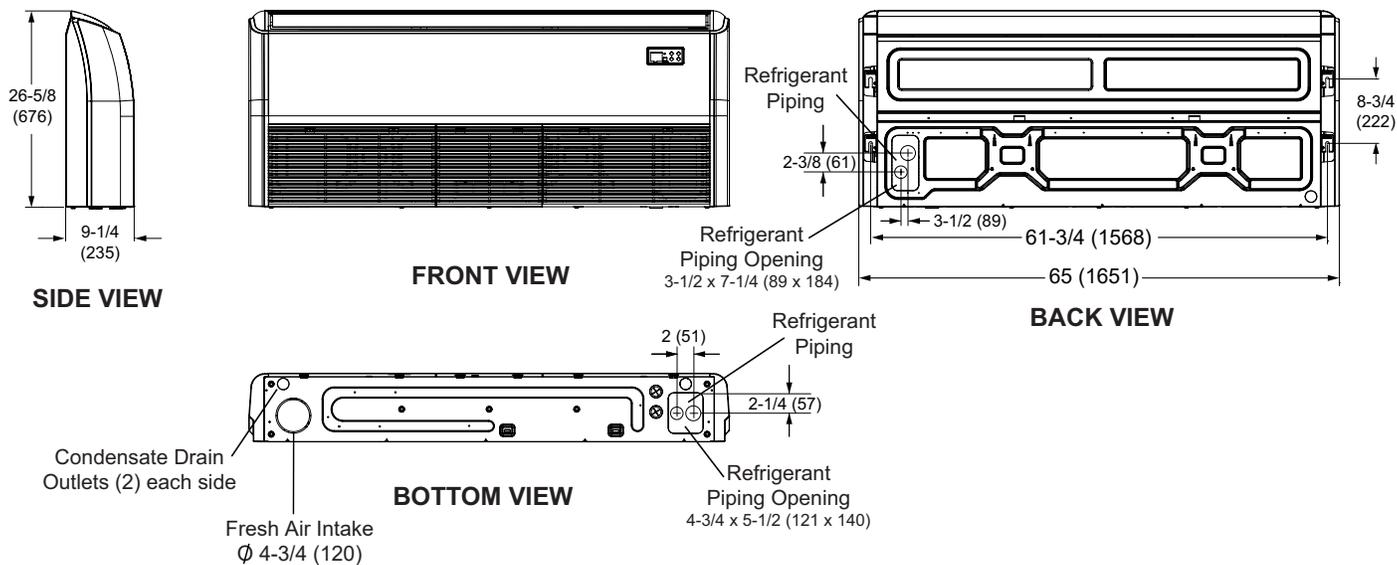
Unit Dimensions (in)	Height	9-1/4
	Width	65
	Depth	26-5/8

Unit Net/Shipping Weight (lb) 88/103

PIPING

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

INDOOR DIMENSIONAL DRAWINGS - INCHES (MM)



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