



# SUBMITTAL DATA – CEILING CASSETTE

## MLB036S4S-2P – M33C036S4-1P

### SINGLE ZONE MINI-SPLIT HEAT PUMP

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

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

## FEATURES

**Outdoor Unit: MLB036S4S-2P**

**Indoor Unit: M33C036S4-1P**



- Low Ambient Heating/Cooling
- DC Inverter Control
- Compressor Overcurrent Protection
- Base Heater
- 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)	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-2)  
 Hail Guard Set (M9GARD21Q-1/24M83)



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## OUTDOOR SPECIFICATIONS

PERFORMANCE	
Cooling Capacity (Btu/h) <sup>1</sup>	36,000(13,700-38,000)
EER2	9.5
SEER2	19.4
Heating Capacity (Btu/h) <sup>1</sup>	40,000(17,600-47,000)
HSPF2	10.5
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)	41
Maximum Overcurrent Protection (A)	50
Outdoor Fan Motor RLA (A)	(2) 0.39
Compressor RLA (A)	
No. of Compressors	2

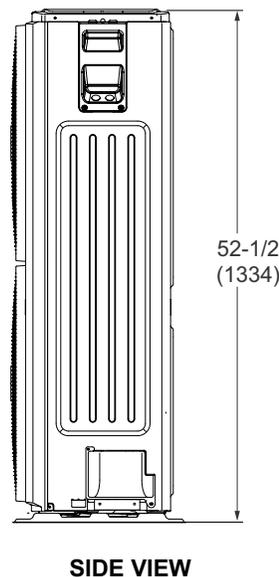
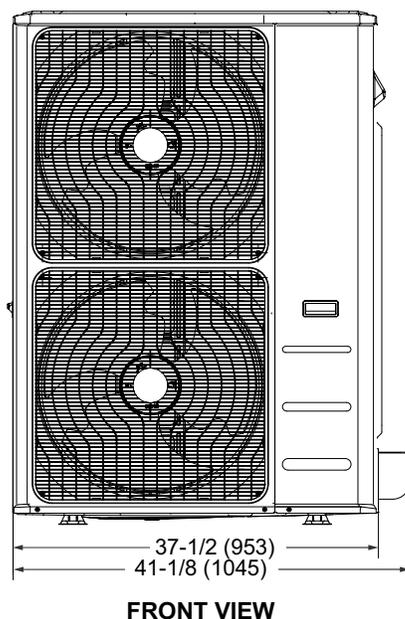
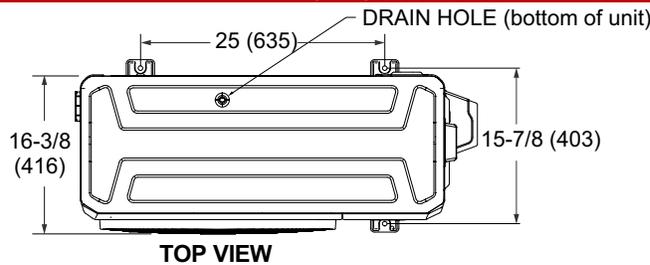
GENERAL DATA	
Connection Ratio (%)	100%
Max. # of Indoor Units	1 units
Sound Data (dBA) - Cooling/Heating	63/63
Refrigerant type	R-410A
Factory refrigerant charge	16 lbs. 0 oz.

DIMENSIONS		
Unit Dimensions (in)	Height	52-1/2
	Width	37-1/2
	Depth	15-7/8
Shipping Weight (lb)	248	
Net Weight (lb)	220	

**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)



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#### INDOOR SPECIFICATIONS

##### PERFORMANCE

Airflow (CFM)	High	947
	Medium	853
	Low	753
Sound Pressure (dBA)	High	52.5
	Medium	50
	Low	46.5

##### ELECTRICAL DATA

Power Supply (V/Hz/Φ)	Supplied by ODU
Rated load amps (RLA)	1.0
Power Output (W)	125

##### DIMENSIONS

Unit Dimensions (in)	Height	37-3/8
	Width	37-3/8
	Depth	9-5/8

Unit Net/Shipping Weight (lb)	60/69
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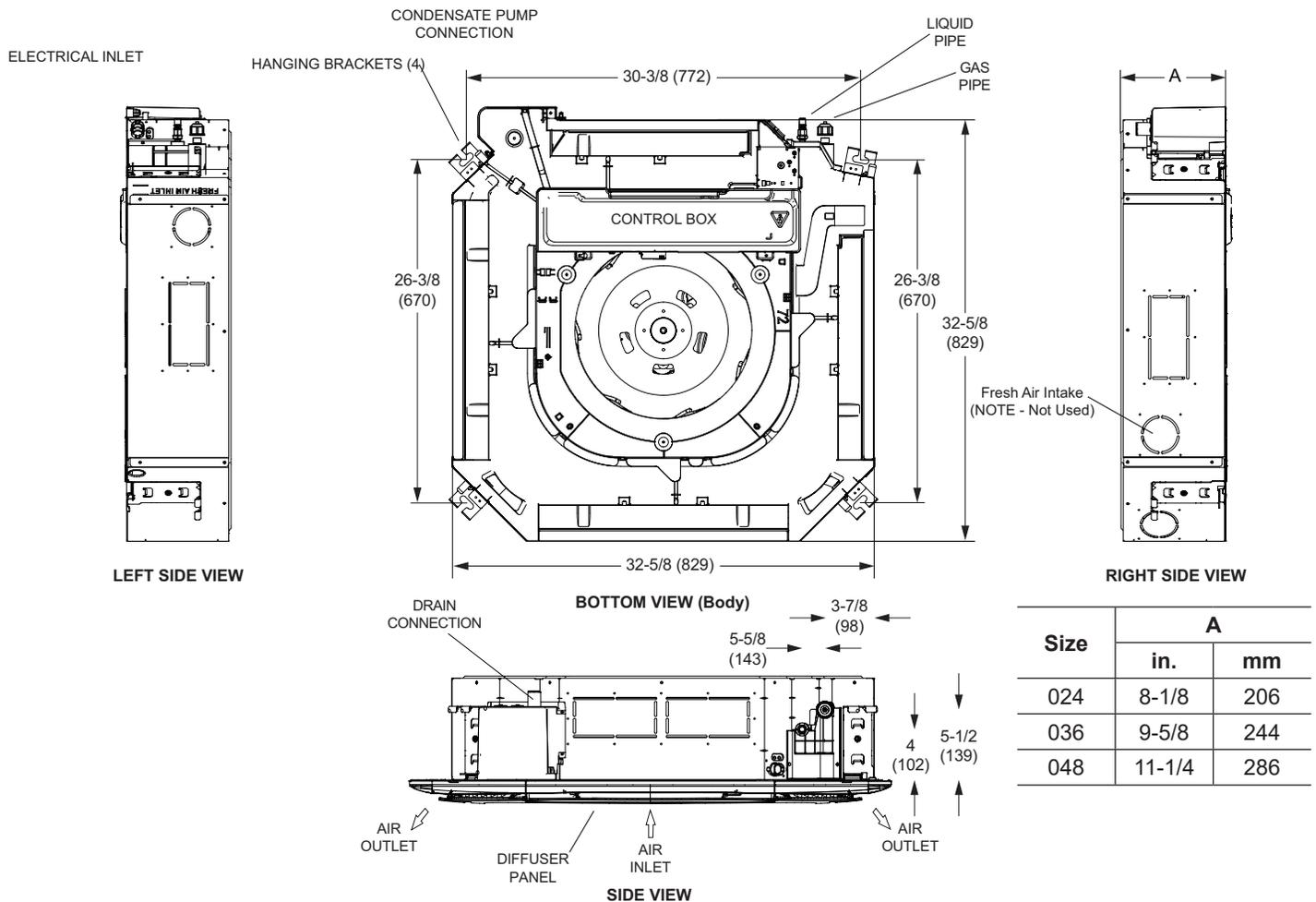
##### PIPING

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)



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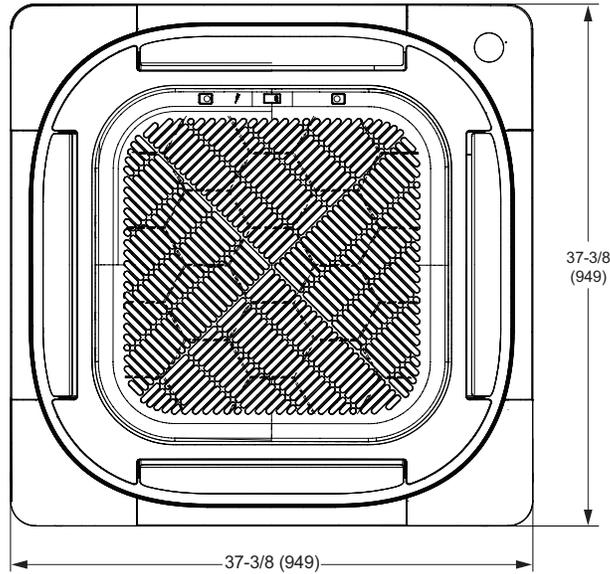


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#### INDOOR DIMENSIONAL DRAWINGS - INCHES (MM)



BOTTOM VIEW (Panel)

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