



SUBMITTAL DATA – CEILING CASSETTE

MLB048S4S-2P – M33C048S4-1P

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

Indoor Unit: M33C048S4-1P



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

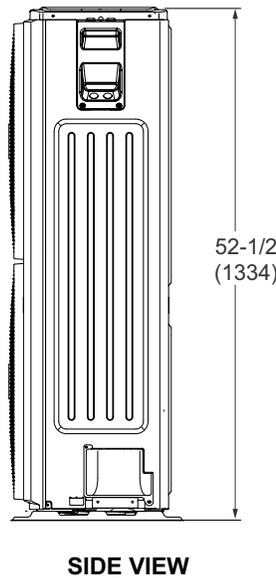
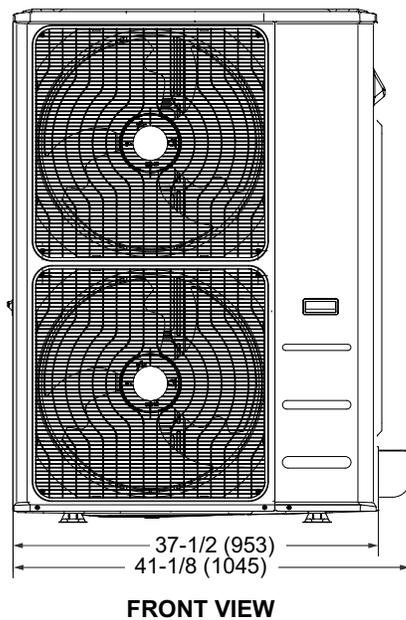
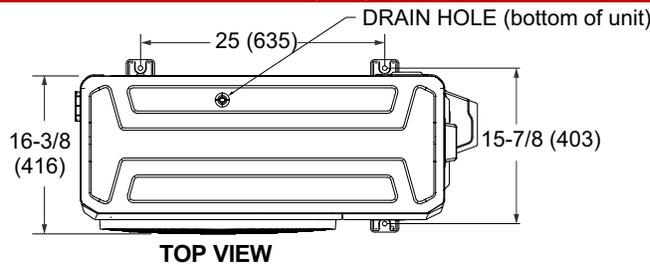
PERFORMANCE	
Cooling Capacity (Btu/h) ¹	48,000(2,700-38,000)
EER2	8.3
SEER2	16.8
Heating Capacity (Btu/h) ¹	53,000(11,800-58,000)
HSPF2	10.7
Outdoor Fan Total Air Volume (CFM)	4,470
Ambient Temperature Operating Range	
Cooling	-22°F - 122°F
Heating	-22°F - 86°F
ELECTRICAL DATA	
Power Supply (V/Hz/Φ)	208-230/60/1
Minimum Circuit Ampacity (A)	42
Maximum Overcurrent Protection (A)	50
Outdoor Fan Motor RLA (A)	(2) 0.39
No. of Compressors	2

GENERAL DATA	
Connection Ratio (%)	100%
Max. # of Indoor Units	1 units
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)	227

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	1171
	Medium	1059
	Low	395
Sound Pressure (dBA)	High	55
	Medium	53
	Low	50

DIMENSIONS

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

Unit Net/Shipping Weight (lb)	65/74
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PIPING

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

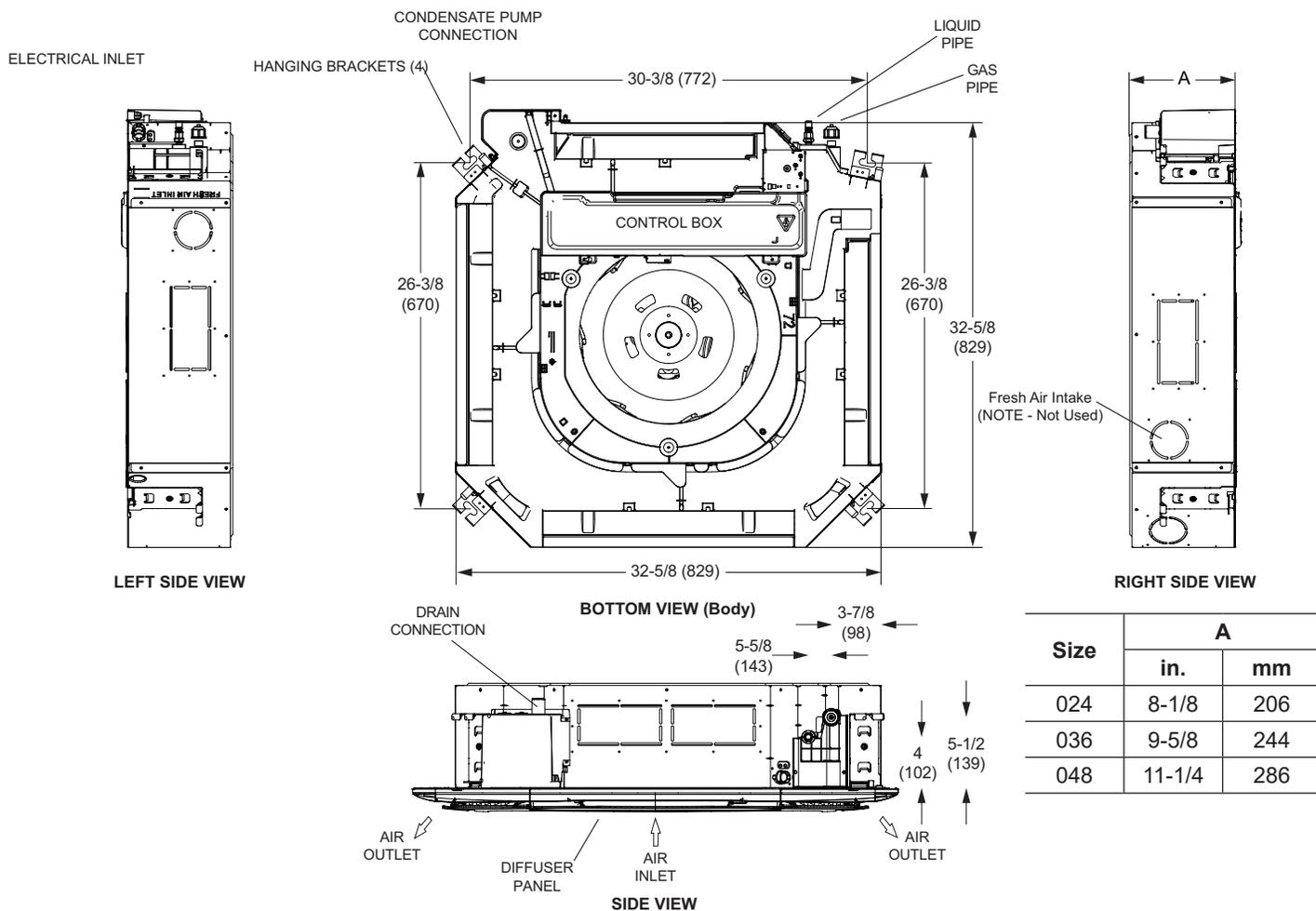
Required Component - Ordered Separately

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

ELECTRICAL DATA

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

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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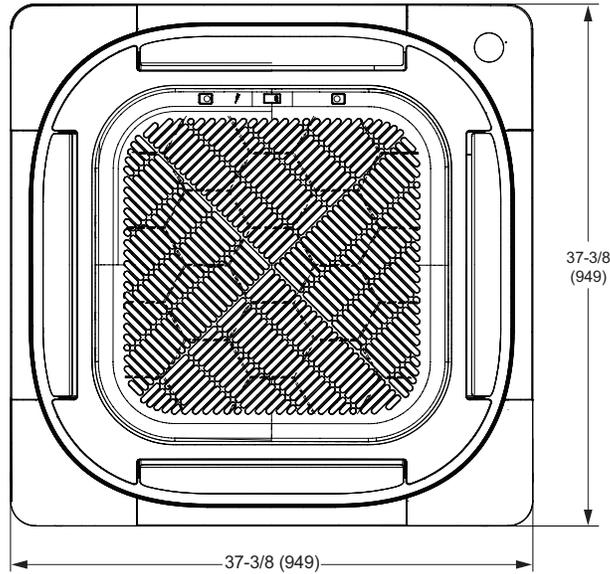


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INDOOR DIMENSIONAL DRAWINGS - INCHES (MM)



BOTTOM VIEW (Panel)

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