



**SUBMITTAL DATA – DUCTED**  
**MPB012S4S-1P – MMDB012S4-2P**  
 SINGLE ZONE MINI-SPLIT HEAT PUMP

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

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

**FEATURES**

**Outdoor Unit: MPB012S4S-1P**



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

**Indoor Unit: MMDB012S4-2P**



- Auxiliary Heat Function
- Auto Restart
- Built-In Condensate Pump
- Three Selectable Fan Speeds
- Flare Connections
- LED Readout Panel
- Wired Remote Controller Included

**PIPING**

**Line Set and Elevation Guidelines**

Maximum Line Set Length ft. (m)	82 (25)
Maximum Elevation - Outdoor Unit Below/Above Indoor Unit ft. (m)	33 (10)
Liquid Line Set Diameter (in.)	1/4
Gas Line Set Diameter (in.)	1/2
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**

Hail Guards (M9GARD14Q-1)  
 Programmable Controller (M0STAT64Q-1)



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**OUTDOOR SPECIFICATIONS**

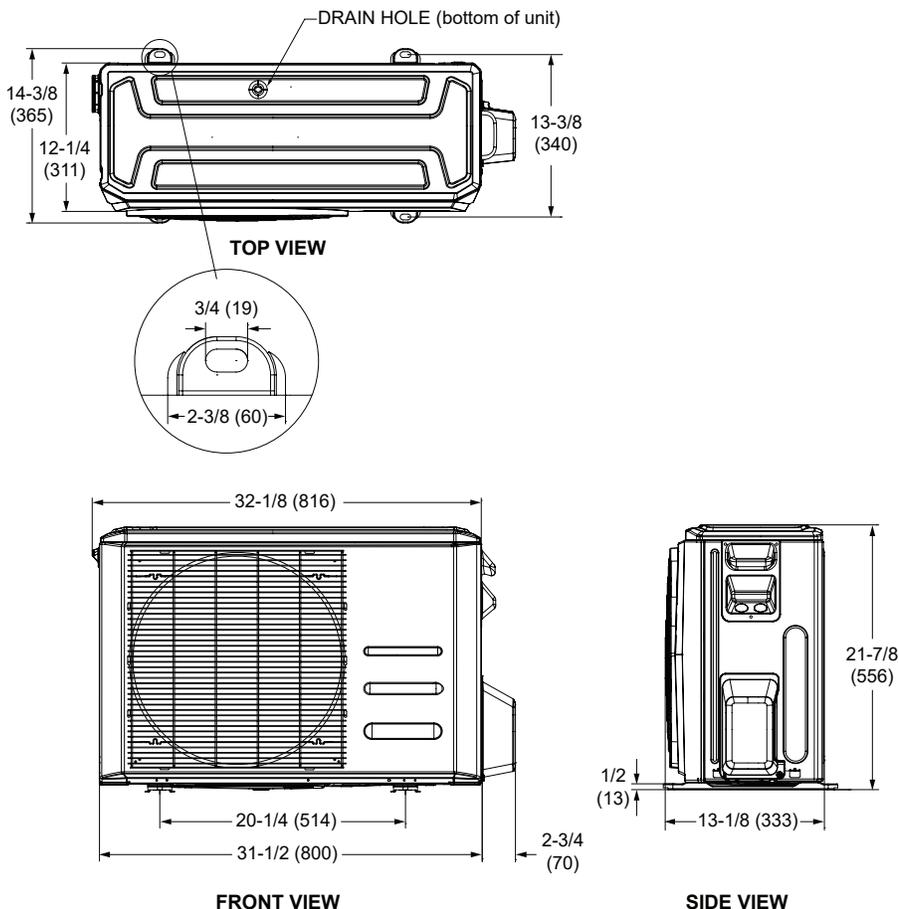
PERFORMANCE	
Cooling Capacity (Btu/h) <sup>1</sup>	12,000
EER	12.5
SEER	21.5
Heating Capacity (Btu/h) <sup>1</sup>	12,000
HSPF	11.5
Outdoor Fan Total Air Volume (CFM)	1,200
Ambient Temperature Operating Range	
Cooling	-13°F - 122°F
Heating	-13°F - 86°F
ELECTRICAL DATA	
Power Supply (V/Hz/Φ)	208-230/60/1
Minimum Circuit Ampacity (A)	12
Maximum Overcurrent Protection (A)	15
Outdoor Fan Motor RLA (A)	0.4
Compressor RLA (A)	6.8
No. of Compressors	1

GENERAL DATA		
Connection Ratio (%)	100%	
Max. # of Indoor Units	1 unit	
Sound Data (dBA) - Cooling/Heating	55/55	
Refrigerant type	R-410A	
Factory refrigerant charge	2 lbs. 9 oz.	
DIMENSIONS		
Unit Dimensions (in)	Height	21-7/8
	Width	31-1/2
	Depth	11-3/4
Shipping Weight (lb)	83	
Net Weight (lb)	77	

**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**

<b>PERFORMANCE</b>			
Airflow (CFM)	High		340
	Medium		270
	Low		165
External Static Pressure (in. w.g.)			0 - 0.16
Sound Pressure (dBA)	High		38
	Medium		33.5
	Low		26

**ELECTRICAL DATA**

Power Supply (V/Hz/Φ)	Supplied by ODU		
Rated load amps (RLA)	1		
Power Output (W)	55		

**DIMENSIONS**

Unit Dimensions (in)	Height	7-7/8	
	Width	30-3/4	
	Depth	19-7/8	

Unit Net/Shipping Weight (lb)	38/49		
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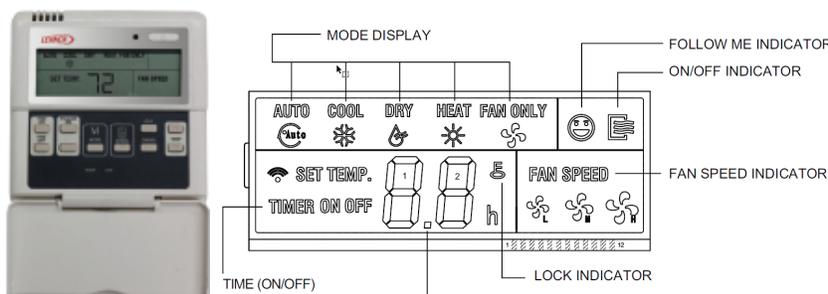
**PIPING**

Liquid/Gas O.D. Flare (in.)	1/4 , 1/2		
Drain Connection O.D. (in.)	1		

**WIRED REMOTE CONTROLLER SPECIFICATIONS**

<b>M0STAT61Q-1</b>	
Input Voltage (V)	5Vdc
Communication Cabling	Factory 4-wire harness
Operating Temperature Range	23°F to 110°F
Operating Humidity Range (RH)	40% ~ 90%
Setpoint Range	62°F ~ 86°F

**DISPLAY**



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

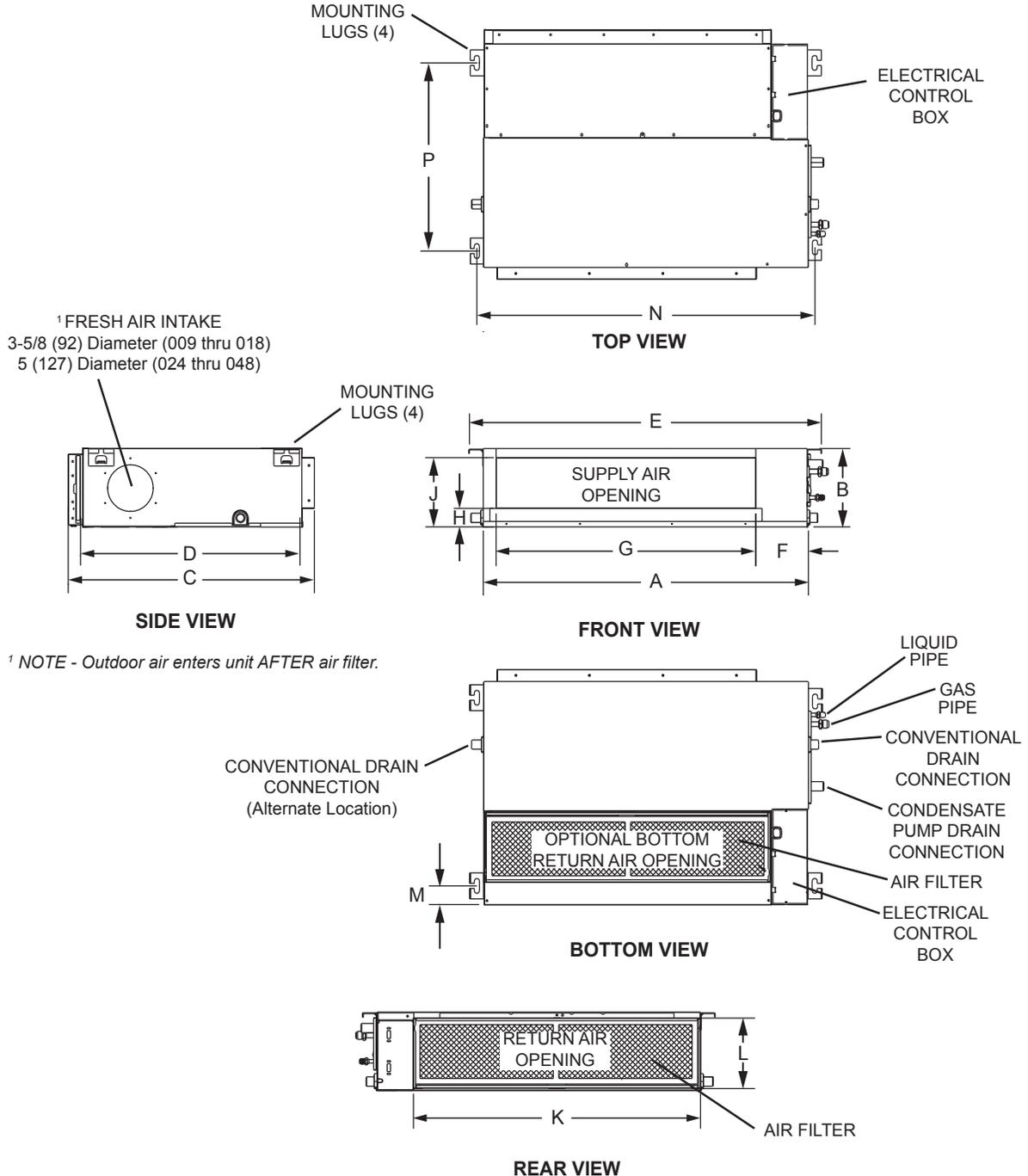
*Please See Page 1*

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



<sup>1</sup> NOTE - Outdoor air enters unit AFTER air filter.

Size	A		B		C		D		E		F		G		H	
	in.	mm	in.	mm												
009 thru 012	27-5/8	702	7-7/8	200	19-7/8	505	17-3/4	451	30-3/4	781	5-3/8	137	21-1/8	537	1-1/8	29
	J		K		L		M		N		P					
	in.	mm														
	6	152	23-5/8	600	7-3/8	187	2	51	29-1/8	740	14-1/8	359				

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