



SUBMITTAL DATA – **WALL-MOUNTED**  
**MCA012S4S-1L - MWCA012S4-1L**  
**SINGLE ZONE MINI-SPLIT AIR CONDITIONER**

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

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

**FEATURES**

Outdoor Unit: MCA012S4S-1L

Indoor Unit: MWCA012S4-1L



- Cooling Only System
- DC Inverter Control
- Compressor Overcurrent Protection

- Auto Restart
- Three Speed Fan
- Flare Connections
- LED Readout
- Multi-Refrigerant Outlet
- Wireless Remote 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.)	20
Additional Charge of Refrigerant (oz/ft.)	0.161

**PRODUCT WARRANTY**

Compressor – Five year limited warranty  
 All other covered components - Five year limited warranty

**OPTIONAL ACCESSORIES**

Non-Programmable Controller (M0STAT61Q-1)  
 Programmable Controller (M0STAT64Q-1)  
 Hail Guards (M9GARD14Q-1)



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.

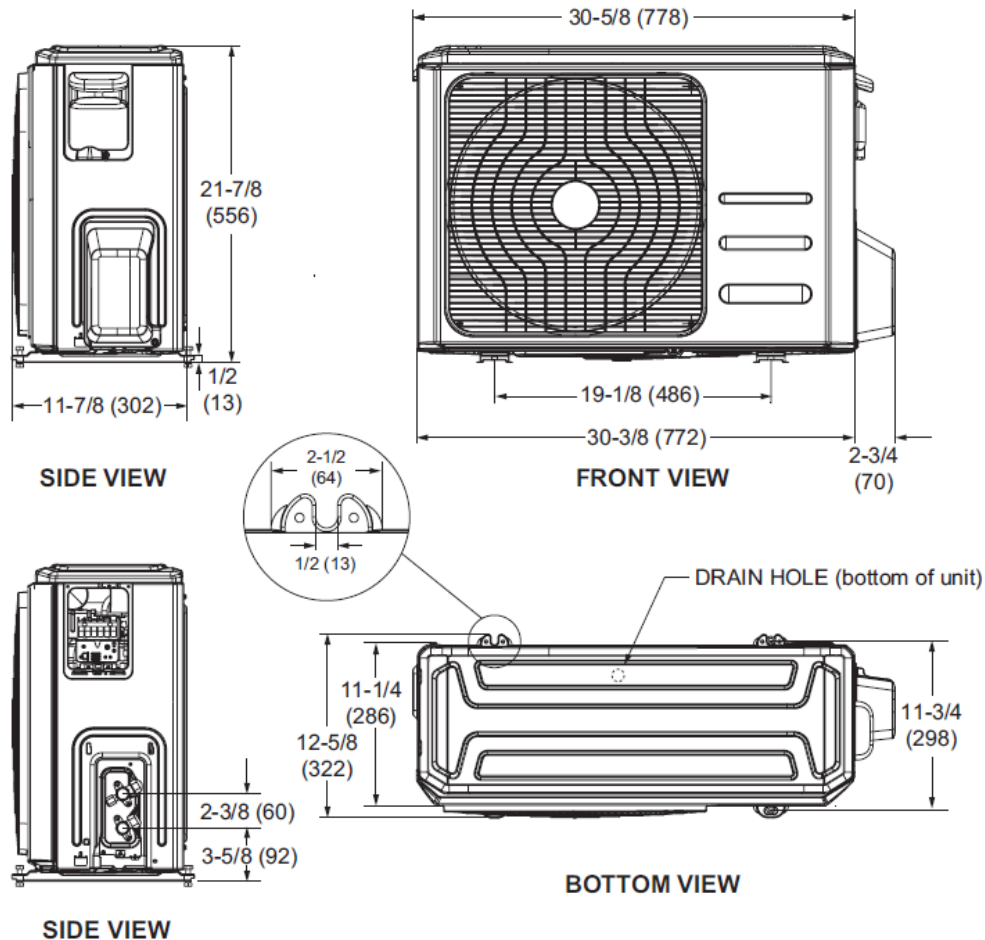


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## OUTDOOR SPECIFICATIONS

PERFORMANCE		GENERAL DATA	
Cooling Capacity (Btu/h) <sup>1</sup>	12,000	Connection Ratio (%)	100%
EER	10	Max. # of Indoor Units	1 unit
SEER	16.5	Sound Data (dBA) - Cooling	51.5
Outdoor Fan Total Air Volume (CFM)	1,175	Refrigerant type	R-410A
Ambient Temperature Operating Range		Factory refrigerant charge	1 lbs. 5 oz.
Cooling	5°F - 122°F	DIMENSIONS	
ELECTRICAL DATA		Unit Dimensions (in)	Height 21-7/8
Power Supply (V/Hz/Φ)	115/60/1		Width 30-5/8
Minimum Circuit Ampacity (A)	15		Depth 11-3/4
Maximum Overcurrent Protection (A)	20	Shipping Weight (lb)	68
Outdoor Fan Motor RLA (A)	0.6	Net Weight (lb)	63
Compressor RLA (A)	9.5	NOTES	
No. of Compressors	1	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	235
	Medium	206
	Low	147
Sound Pressure (dBA)	High	38.5
	Medium	33
	Low	24.5

### ELECTRICAL DATA

Power Supply (V/Hz/Φ)	Supplied by ODU	
Rated load amps (RLA)	0.43	
Power Output (W)	46	

### DIMENSIONS

Unit Dimensions (in)	Height	11-3/4
	Width	32-3/4
	Depth	8-3/4

Unit Net/Shipping Weight (lb)	19/25
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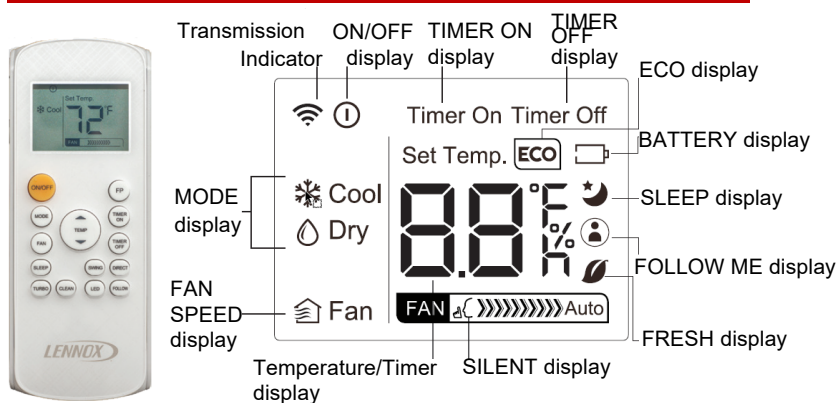
### PIPING

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

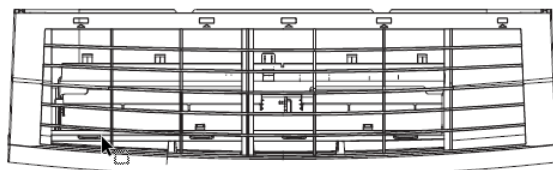
## WIRELESS REMOTE CONTROLLER SPECIFICATIONS

Power Supply	2 AAA Batteries (Included)
Setpoint Range	62°F - 86°F
Operating Temperature Range	23°F - 140°F
Operating Humidity Range (RH)	10% to 90%
Effective Receiving Range	25 ft.

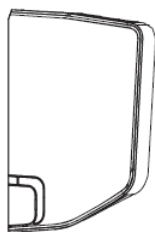
## DISPLAY



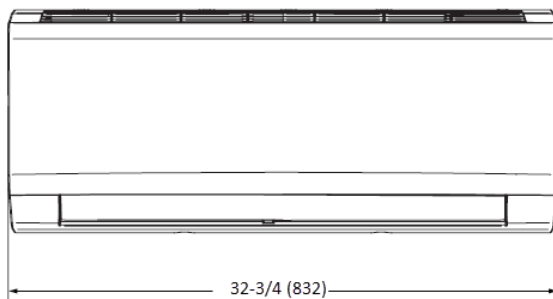
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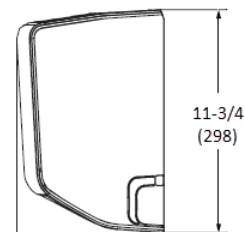
TOP VIEW



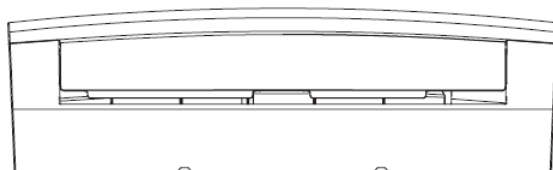
SIDE VIEW



FRONT VIEW



SIDE VIEW



BOTTOM VIEW

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