



SUBMITTAL DATA – WALL MOUNTED

MPB030S4S-1P – MWMB030S4-1P

SINGLE ZONE MINI-SPLIT HEAT PUMP

Job: _____
 Location: _____
 Schedule No.: _____
 System Designation: _____

Engineer: _____
 Architect: _____
 Date: _____
 For: Reference Approval Review Construction

FEATURES

Outdoor Unit: MPB030S4S-1P



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

Indoor Unit: MWMB030S4-1P



- Pre-Heat Function
- Auto Restart
- Three Selectable Fan Speeds
- Flare Connections
- LED Readout
- Multi-Refrigerant Outlet
- Wireless Remote Included

PIPING

Line Set and Elevation Guidelines	
Maximum Line Set Length ft. (m)	164 ft. (50 m)
Maximum Elevation - Outdoor Unit Below/Above Indoor Unit ft. (m)	82 ft. (25 m)
Liquid Line Set Diameter (in.)	3/8
Gas Line Set Diameter (in.)	5/8
Pre-Charged (ft.)	25
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 Guards (M9GARD17Q-1)
 - Mini-Split IDU Controls Wiring Harness (19P86)*
- *Required for BACnet & Lennox VRF Manager (LVM)



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	30,000
EER	11.5
SEER	19.8
Heating Capacity (Btu/h) ¹	30,000
HSPF	9.4
Outdoor Fan Total Air Volume (CFM)	2,130
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)	20
Maximum Overcurrent Protection (A)	30
Outdoor Fan Motor RLA (A)	0.6
Compressor RLA (A)	15
No. of Compressors	1

GENERAL DATA

Connection Ratio (%)	100%
Max. # of Indoor Units	1 unit
Sound Data (dBA) - Cooling/Heating	59/59
Refrigerant type	R-410A
Factory refrigerant charge	5 lbs.11 oz.

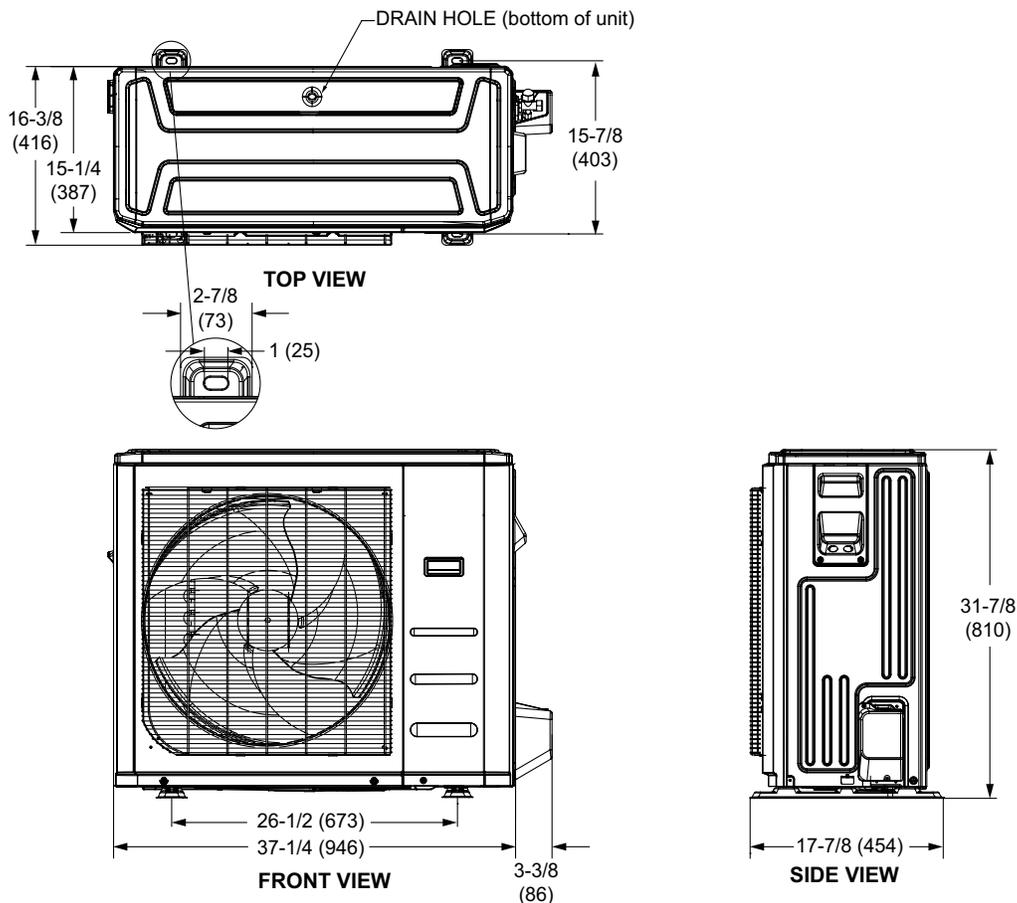
DIMENSIONS

Unit Dimensions (in)	Height	31-7/8
	Width	37-1/4
	Depth	15-7/8
Shipping Weight (lb)	161	
Net Weight (lb)	149	

NOTES

- 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	795
	Medium	645
	Low	500
External Static Pressure (in. w.g.)		-
Sound Pressure (dBA)	High	49
	Medium	42
	Low	37.5

ELECTRICAL DATA

Power Supply (V/Hz/Φ)	Supplied by ODU
Rated load amps (RLA)	0.5
Power Output (W)	60

DIMENSIONS

Unit Dimensions (in)	Height	13-1/2
	Width	46-3/4
	Depth	10-1/4

Unit Net/Shipping Weight (lb)	40/51
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PIPING

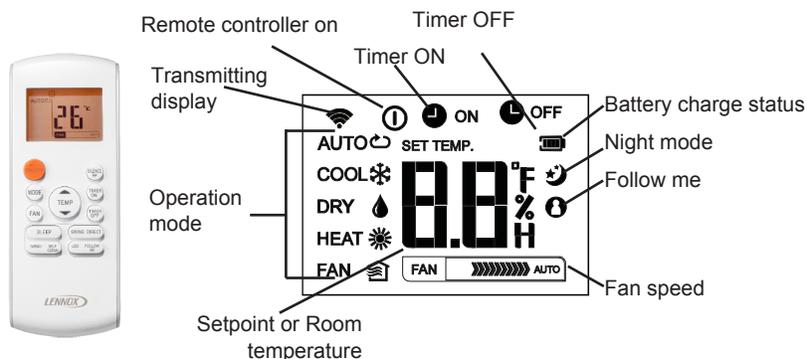
Liquid/Gas O.D. Flare (in.)	3/8, 5/8
Drain Connection O.D. (in.)	1

WIRELESS REMOTE CONTROLLER SPECIFICATIONS

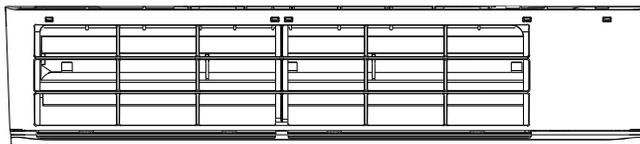
M0STAT60Q-1

Power Supply	2 AAA Batteries (Included)
Setpoint Range	62°F - 86°F
Operating Temperature Range	23°F - 140°F
Operating Humidity Range (RH)	40% to 90%
Effective Receiving Range	26 ft.

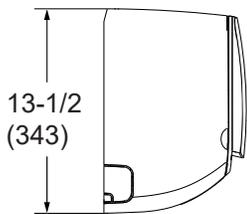
DISPLAY



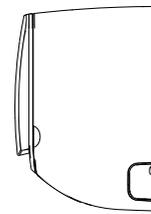
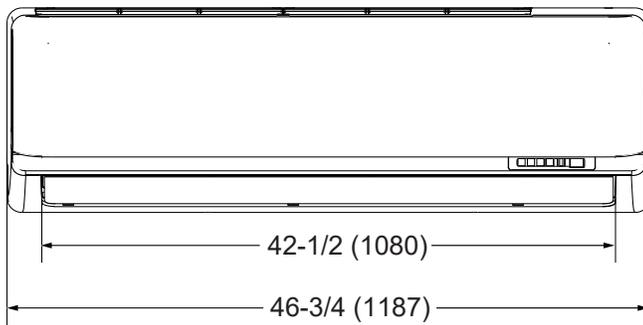
INDOOR DIMENSIONAL DRAWINGS - INCHES (MM)



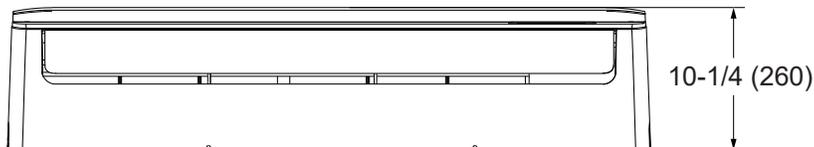
TOP VIEW



SIDE VIEW



SIDE VIEW



BOTTOM VIEW

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