



SUBMITTAL DATA – **WALL MOUNTED**
MPB018S4S-1P – MWMA018S4-2P
 SINGLE ZONE MINI-SPLIT HEAT PUMP

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

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

FEATURES

Outdoor Unit: MPB018S4S-1P

Indoor Unit: MWMA018S4-2P



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

- 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)	98 ft. (30 m)
Maximum Elevation - Outdoor Unit Below/Above Indoor Unit ft. (m)	66 ft. (20 m)
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

Non-Programmable Controller (M0STAT61Q-1)
 Programmable Controller (M0STAT64Q-1)
 Hail Guards (M9GARD15Q-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	18,000
EER	13
SEER	21
Heating Capacity (Btu/h) ¹	18,000
HSPF	10.4
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)	15
Maximum Overcurrent Protection (A)	20
Outdoor Fan Motor RLA (A)	0.6
Compressor RLA (A)	10.5
No. of Compressors	1

GENERAL DATA

Connection Ratio (%)	100%
Max. # of Indoor Units	1 unit
Sound Data (dBA) - Cooling/Heating	60/60
Refrigerant type	R-410A
Factory refrigerant charge	4 lbs. 5 oz.

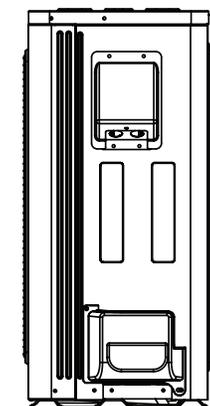
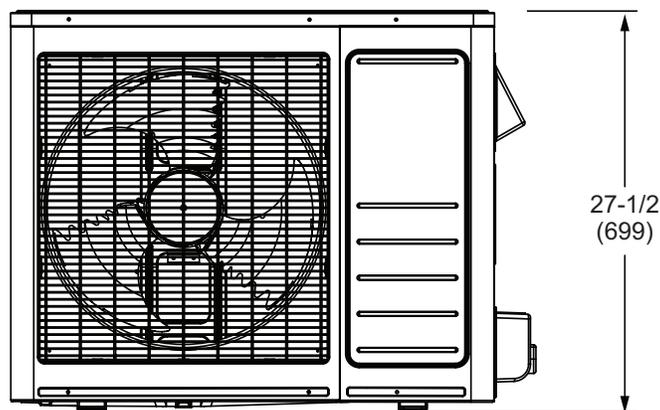
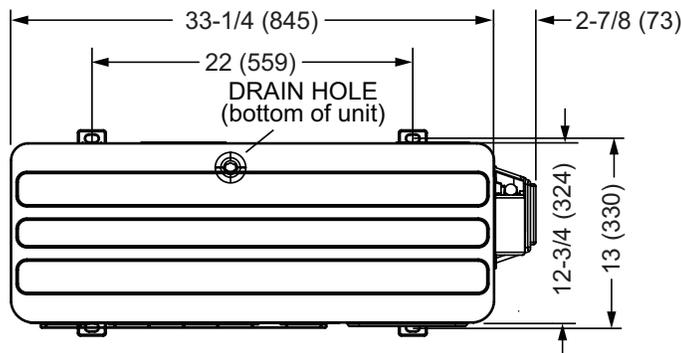
DIMENSIONS

Unit Dimensions (in)	Height	27-1/2
	Width	33-1/4
	Depth	13
Shipping Weight (lb)	113	
Net Weight (lb)	107	

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	530
	Medium	410
	Low	295
Sound Pressure (dBA)	High	46.2
	Medium	36.3
	Low	30.9

ELECTRICAL DATA

Power Supply (V/Hz/Φ)	Supplied by ODU	
Rated load amps (RLA)	0.4	
Power Output (W)	58	

DIMENSIONS

Unit Dimensions (in)	Height	12-3/8
	Width	39
	Depth	8-5/8

Unit Net/Shipping Weight (lb)	27/35
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PIPING

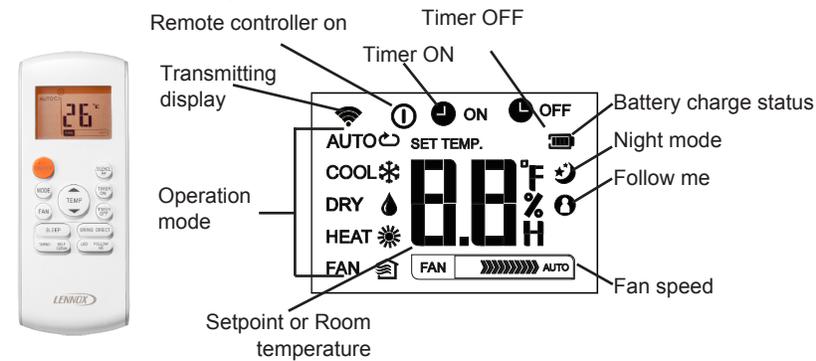
Liquid/Gas O.D. Flare (in.)	1/4 , 1/2
Drain Connection O.D. (in.)	1

WIRELESS REMOTE CONTROLLER SPECIFICATIONS

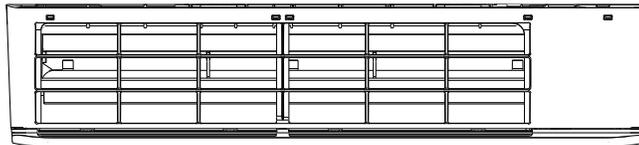
M0STAT60Q-1

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.

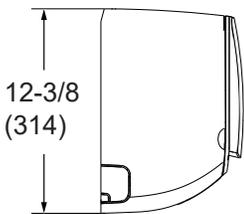
DISPLAY



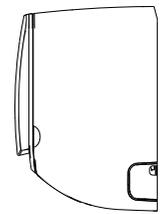
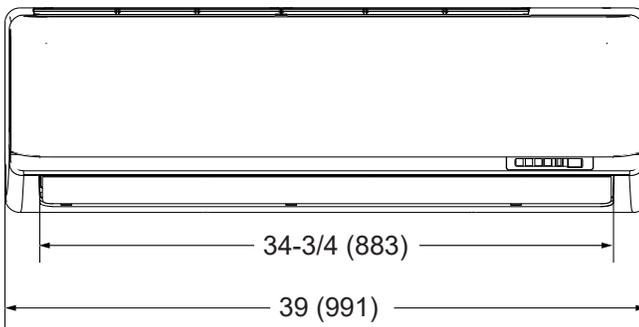
INDOOR DIMENSIONAL DRAWINGS - INCHES (MM)



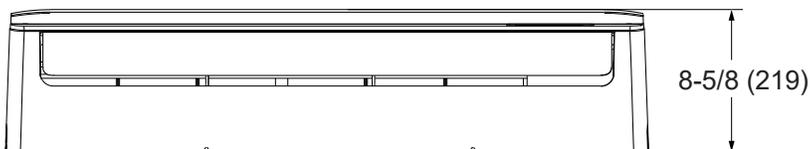
TOP VIEW



SIDE VIEW



SIDE VIEW



BOTTOM VIEW

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