



# SUBMITTAL DATA – CEILING/**FLOOR**

## MPB018S4S-1P – MCFB018S4-2P

### 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**



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

**Indoor Unit: MCFB018S4-2P**



- Pre-Heat Function
- Auto Restart
- Three Selectable Fan Speeds
- Flare Connections
- LED Readout/Infrared Receiver Panel
- 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. (20m)
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)



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) <sup>1</sup>	18,000
EER	12.5
SEER	20
Heating Capacity (Btu/h) <sup>1</sup>	18,000
HSPF	10.5
Outdoor Fan Total Air Volume (CFM)	1,470
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.

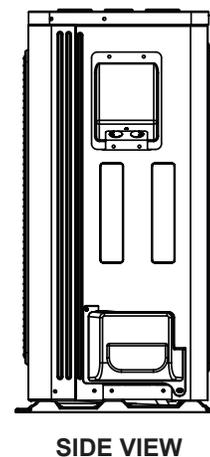
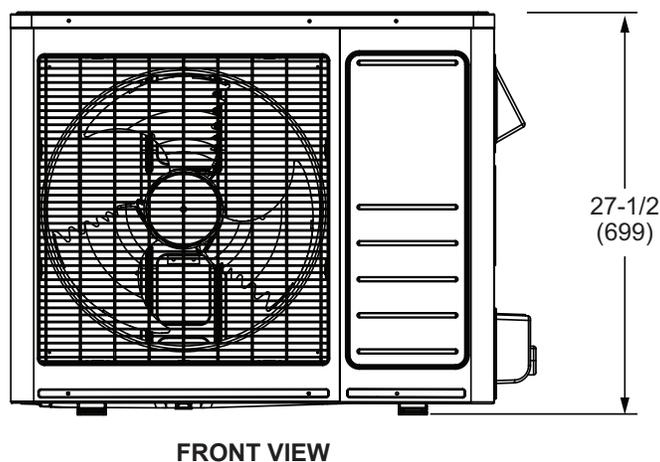
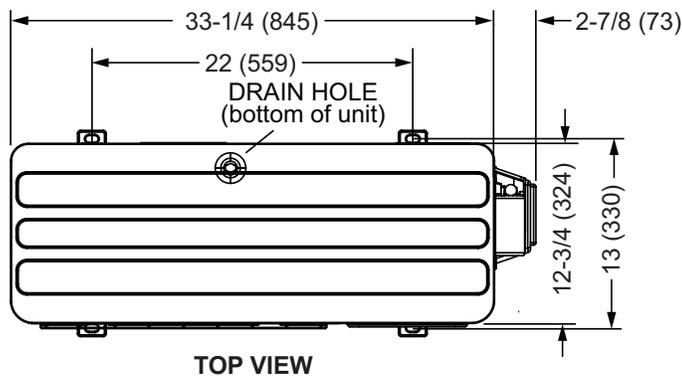
##### DIMENSIONS

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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# SUBMITTAL DATA - CEILING/FLOOR

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### SINGLE ZONE MINI-SPLIT HEAT PUMP

#### INDOOR SPECIFICATIONS

##### PERFORMANCE

Airflow (CFM)	High	580
	Medium	520
	Low	465
Sound Pressure (dBA)	High	47
	Medium	44
	Low	39

##### ELECTRICAL DATA

Power Supply (V/Hz/Φ)	Supplied by ODU	
Rated load amps (RLA)	1.5	
Power Output (W)	55	

##### DIMENSIONS

Unit Dimensions (in)	Height	9-1/4
	Width	42
	Depth	26-5/8
Unit Net/Shipping Weight (lb)	55/66	

##### PIPING

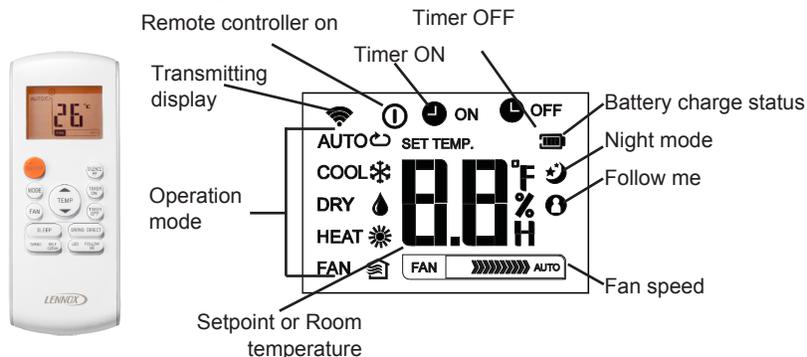
Liquid/Gas O.D. Flare (in.)	1/4 , 1/2
Drain Connection O.D. (in.)	1

#### WIRELESS REMOTE CONTROLLER SPECIFICATIONS

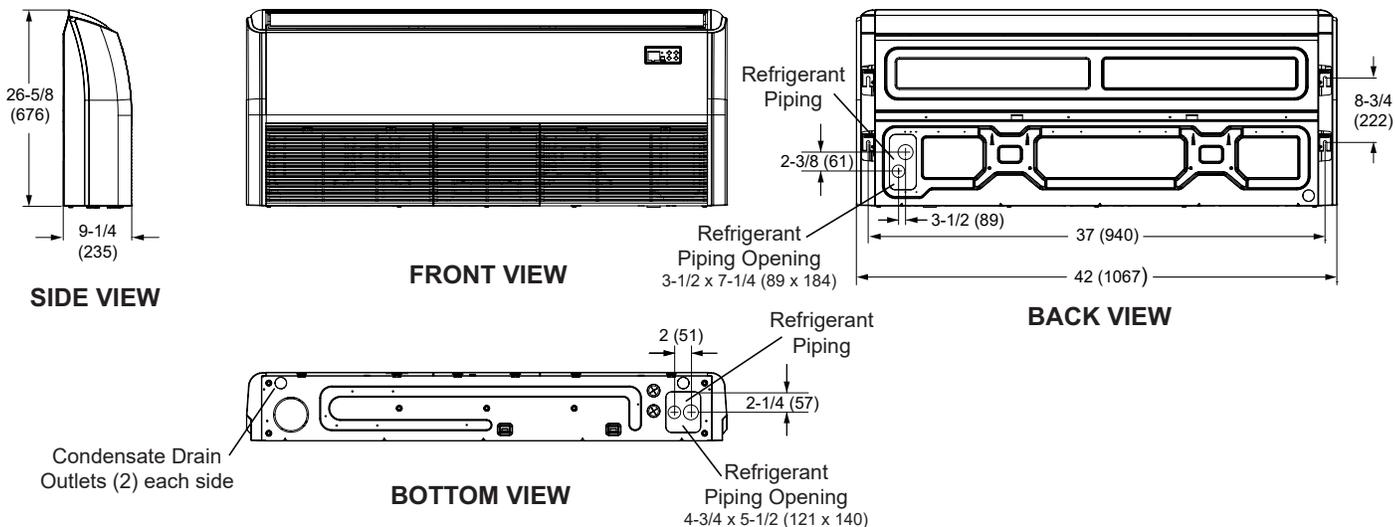
##### M0STAT60Q-1

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)



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