



SUBMITTAL DATA – **WALL MOUNTED**
MHB024S4S-1P – MWHB024S4-1P
 SINGLE ZONE MINI-SPLIT HEAT PUMP

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

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

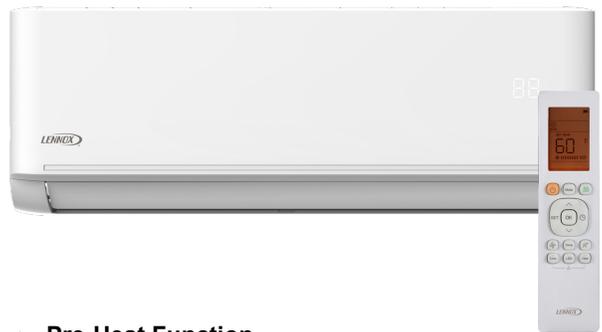
FEATURES

Outdoor Unit: MHB024S4S-1P



- DC Inverter Control
- Compressor Overcurrent Protection
- Defrost Control

Indoor Unit: MWHB024S4-1P



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

PIPING

| Line Set and Elevation Guidelines | |
|--|----------|
| Maximum Line Set Length ft. (m) | 164 (50) |
| Maximum Elevation - Outdoor Unit Below/Above Indoor Unit ft. (m) | 82 (25) |
| Liquid Line Set Diameter (in.) | 3/8 |
| Gas Line Set Diameter (in.) | 5/8 |
| Pre-Charged (ft.) | 25 |
| Additional Charge Per Ft. (oz.) | 0.32 |

PRODUCT WARRANTY

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

OPTIONAL ACCESSORIES

Non-Programmable Controller (M0STAT61Q-1)
 Programmable Controller (M0STAT64Q-2)
 Hail Guard Set (M9GARD23Q-1/24M85)



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 | 24,000 |
| EER2 | 9.50 |
| SEER2 | 18.5 |
| Heating Capacity (Btu/h) ¹ | 24,000 |
| HSPF2 | 8.6 |
| Outdoor Fan Total Air Volume (CFM) | 1,765 |
| Ambient Temperature Operating Range | |
| Cooling | 5°F - 122°F |
| Heating | 5°F - 86°F |
| ELECTRICAL DATA | |
| Power Supply (V/Hz/Φ) | 208/230/60/1 |
| Minimum Circuit Ampacity (A) | 19 |
| Maximum Overcurrent Protection (A) | 30 |
| Outdoor Fan Motor RLA (A) | 0.76 |
| No. of Compressors | 1 |

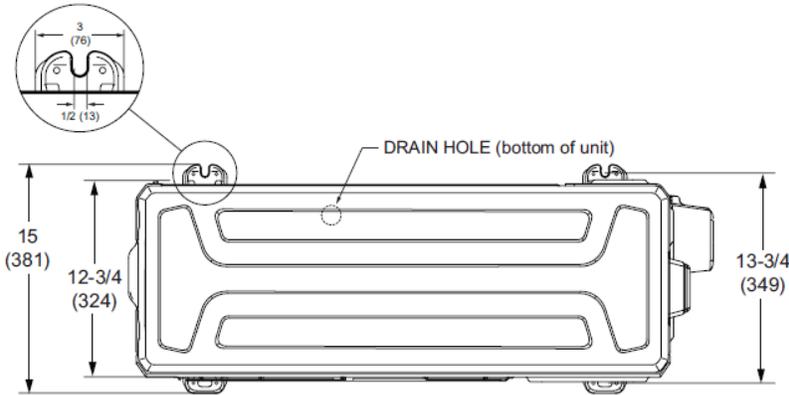
| GENERAL DATA | |
|----------------------------|---------------|
| Connection Ratio (%) | 100% |
| Max. # of Indoor Units | 1 unit |
| Sound Data (dBA) | 60 |
| Refrigerant type | R-410A |
| Factory refrigerant charge | 3 lbs. 15 oz. |

| DIMENSIONS | | |
|----------------------|--------|--------|
| Unit Dimensions (in) | Height | 21-7/8 |
| | Width | 32-7/8 |
| | Depth | 11-1/4 |
| Shipping Weight (lb) | 105 | |
| Net Weight (lb) | 98 | |

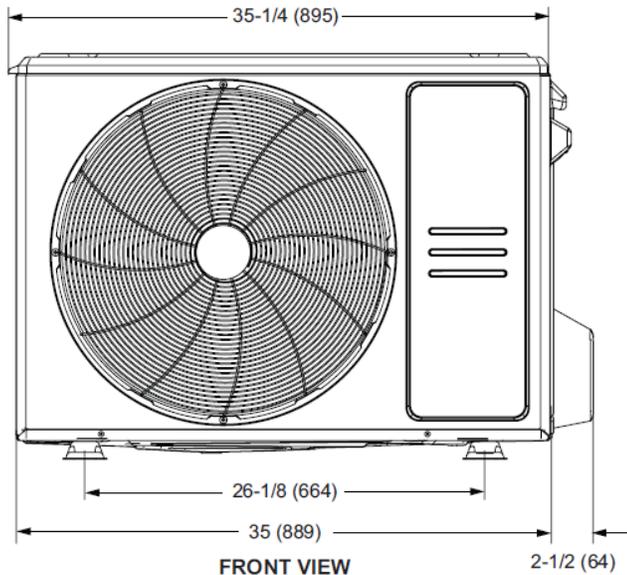
NOTES

- 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

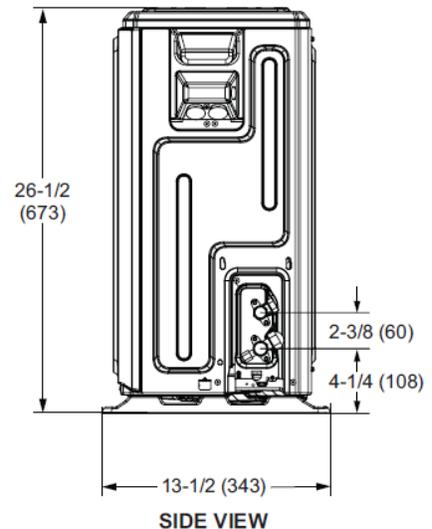
OUTDOOR DIMENSIONAL DRAWINGS - INCHES (MM)



TOP VIEW



FRONT VIEW



SIDE VIEW

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INDOOR SPECIFICATIONS

PERFORMANCE

| | | |
|----------------------|--------|------|
| Airflow (CFM) | High | 546 |
| | Medium | 402 |
| | Low | 331 |
| Sound Pressure (dBA) | High | 45 |
| | Medium | 39.5 |
| | Low | 36 |

ELECTRICAL DATA

| | |
|-----------------------|-----------------|
| Power Supply (V/Hz/Φ) | Supplied by ODU |
| Rated load amps (RLA) | 11.2 |
| Power Output (W) | 58 |

DIMENSIONS

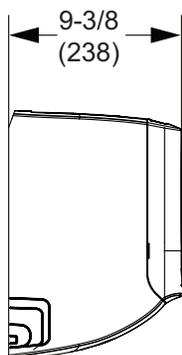
| | | |
|----------------------|--------|--------|
| Unit Dimensions (in) | Height | 13-1/4 |
| | Width | 42-5/8 |
| | Depth | 9-3/8 |

| | |
|-------------------------------|-------|
| Unit Net/Shipping Weight (lb) | 30/38 |
|-------------------------------|-------|

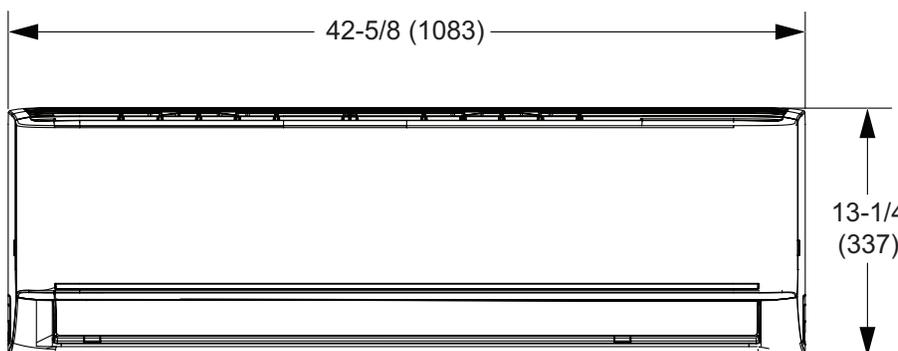
PIPING

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

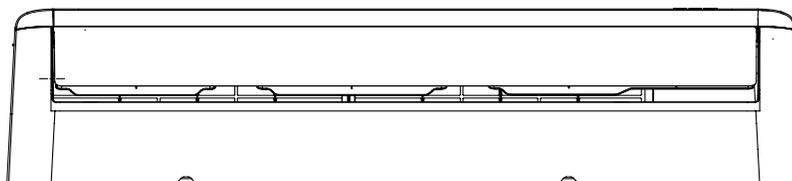
INDOOR DIMENSIONAL DRAWINGS - INCHES (MM)



SIDE VIEW



FRONT VIEW



BOTTOM VIEW

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