

Job Name/Location:

Tag #:

Date:

For: File Resubmit

PO No.:

Approval Other

Architect:

GC:

Engr:

Mech:

Rep:

(Company)

(Project Manager)

ARNU243MAA4

Multi V™ Convertible Mid Static Ducted

24,200 Btu/h Indoor Unit

Performance:

| | |
|--|---------------|
| Total Cooling Capacity (Btu/h) | 24,200 |
| Heating Capacity (Btu/h) | 27,300 |
| Max Power Input ¹ (W) | 220 |
| L/M/H Power Input at Factory Default (W) | 70 / 89 / 110 |

Rated capacity is certified under AHRI Standard 1230-2023. Ratings are subject to change without notice. Current and past certified ratings are available at www.ahridirectory.org.

Electrical:

| | |
|-----------------------|--------------|
| Power Supply (V/Hz/Ø) | 208-230/60/1 |
| Rated Amps (A) | 1.7 |

Piping:

Refrigerant:

| | |
|----------------------|-----------|
| Liquid Line (in, OD) | 3/8 Flare |
| Vapor Line (in, OD) | 5/8 Flare |

Condensate:

| | |
|---|-------------|
| Condensate Pump Drain ² (in, ID) | 1 Plain |
| Gravity Drain Plugged (in, OD) | 1 (3/4 MPT) |

Controls Features:

- Auto changeover (Heat Recovery only)
- Auto operation
- Auto restart
- Dual thermistor control
- Wi-Fi compatible
- Dual setpoint control
- Multiple aux heater applications
- Filter life display
- External on/off control
- Auto fan
- Leak detection
- Weekly schedule
- Fan speed control
- Group control
- Hot start
- Self diagnostics
- Timer (on/off)
- Child lock

Optional Accessories:

- Wireless Remote Controller³ - PWLSSB21H
- MultiSITE™ CRC2 Controller - PREMTBVC2
- MultiSITE CRC2+ Controller - PREMTBVC3
- MultiSITE CRC2+Z Controller - PREMTBVC4
- Simple Remote Controller - PREMTTC00U
- Standard III Remote Controller (White Housing) - PREMTB100
- Standard III Remote Controller (Black Housing) - PREMTBB10
- Deluxe Remote Controller - PREMTA201
- Remote Temperature Button Sensor - ZRTBS01
- Simple Dry Contact (1 contact, 24 VAC external power) - PDRYCB100
- Dry Contact for Third-Party Thermostat¹⁵ - PDRYCB320
- Dry Contact for Economizer - PDRYCB400
- Auxiliary Heater Kit¹⁵ - PRARH1
- Wi-Fi Module - PWFMD200
- High Efficiency Filter Box ZFBXMA01A
- Vertical Installation Kit - ABDAMAO



Entering Mixed Air:

| | |
|----------------------------------|----|
| Cooling Max ⁴ (°F WB) | 76 |
| Heating Min (°F DB) | 59 |

Unit Data:

| | |
|--|--------------------|
| Refrigerant Type | R410A |
| Refrigerant Control | EEV |
| Sound Pressure ⁵ dB(A) (H/M/L, @0.24 ESP) | 38/33/30 |
| Sound Power ⁶ dB(A) (H, @0.24 ESP) | 57 |
| Filter Type | Washable |
| MERV | N/A |
| Filter Quantity | 2 |
| Filter Dimensions ⁷ (in) | 28 x 8-1/16 x 3/16 |
| Net Unit Weight (lbs) | 65.5 |
| Shipping Weight (lbs) | 75 |

Fan:

| | |
|---|---------------------------------------|
| Type | Sirocco |
| Fan Quantity | 2 |
| Motor/Drive | Brushless Digitally Controlled/Direct |
| Motor Quantity | 1 |
| High Mode Airflow Rate H/M/L (CFM) | 706/547/459 |
| High Mode External Static Pressure (ESP) ⁸ (in wg) | 0.24 |
| Airflow Range (CFM) | 163-934 |
| Minimum ESP (in wg) ⁸ | 0.1 |
| Maximum ESP (in wg) ⁸ | 0.59 |

Notes:

1. Maximum power input is rated at maximum setting value.
2. Maximum lift is 27 in from bottom of unit. Check valve not included (field supplied).
3. Requires an LG wall controller because ducted units do not have infrared receiver.
4. See Engineering Manual for sensible and latent capacities.
5. Sound Pressure levels are tested in an anechoic chamber under ISO Standard 3745.
6. Sound Power levels are tested in a reverberation chamber under AHRI Standard 260.
7. Actual filter sizes may vary.
8. At factory fan speed setting.
9. Maximum static pressure may result in reduced airflow (CFM).
10. All Communication cable between Main outdoor units to indoor units / heat recovery units to be 18 AWG, 2-conductor, twisted, stranded, shielded. Ensure the communication cable shield is properly grounded to the Main outdoor unit chassis only. Do not ground the outdoor unit to indoor units / heat recovery units communication cable at any other point. Wiring must comply with all applicable local and national codes.
11. Power wiring cable size must comply with the applicable local and national code.
12. This unit comes with a dry nitrogen charge.
13. All capacities are net with a combination ratio between 95 – 105%.
14. Must follow installation instructions in the applicable LG installation manual.
15. If a Third-Party Dry Contact and an LG internal heater or an LG Auxiliary Heater Kit is installed, supplemental heat capability cannot be controlled by the Third-Party Thermostat.



For continual product development, LG reserves the right to change specifications without notice.

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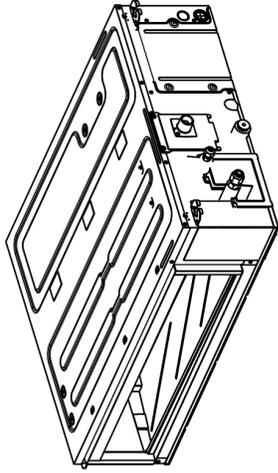
Multi V™ Convertible Mid Static Ducted
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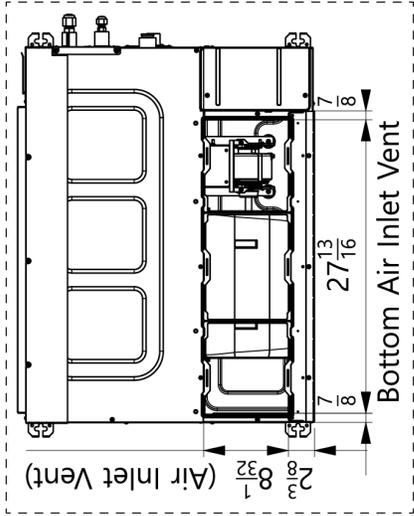
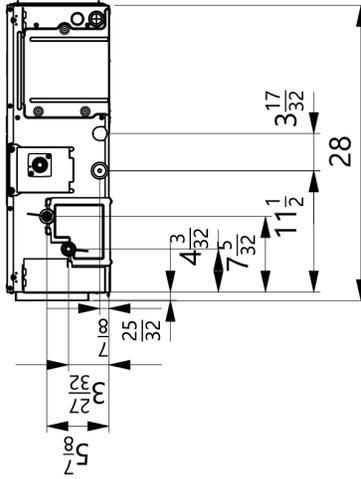
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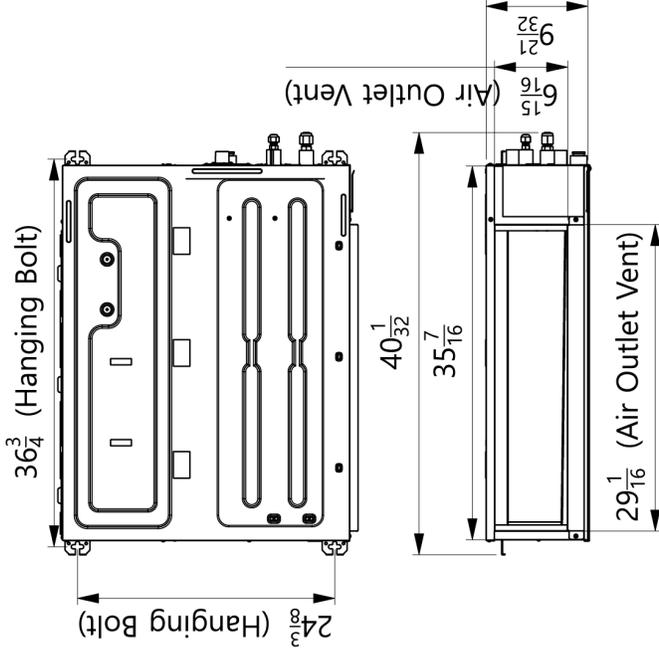
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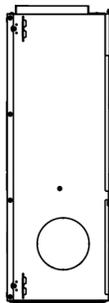
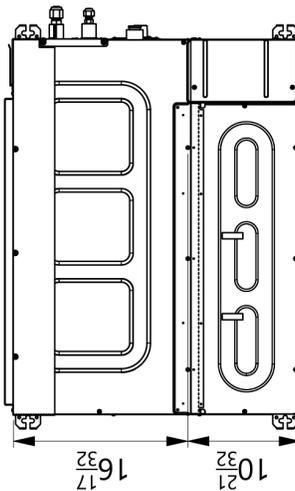
3D View



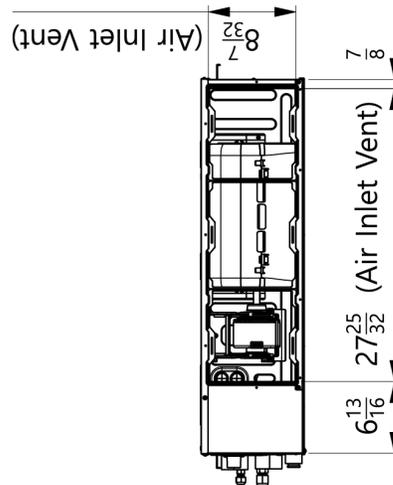
Bottom Air Inlet Vent



Piping Direction
↑
Drainage Direction
↑



"A" →



View "A"

[Unit: inch]
Chassis Code : MA
DWG No. : TBB36538801_Rev.00

Note

1. Unit should be grounded in accordance with the local regulations or applicable national codes.
2. All electrical components and materials to be supplied from the site must comply with the local regulations or international codes.