

Job Name/Location:

Tag #:

Date:

For:  File  Resubmit  
 Approval  Other

PO No.:

Architect:

GC:

Engr:

Mech:

Rep:

(Company)

(Project Manager)



**ARNU283M3A4**  
**Multi V™ High Static Ducted**  
**28,000 Btu/h Indoor Unit**



**Performance:**

|  |               |
|--|---------------|
| Total Cooling Capacity (Btu/h)           | 28,000        |
| Heating Capacity (Btu/h)                 | 31,500        |
| Max Power Input <sup>1</sup> (W)         | 650           |
| L/M/H Power Input at Factory Default (W) | 60 / 83 / 109 |

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](http://www.ahridirectory.org).

**Electrical:**

|                       |              |
|-----------------------|--------------|
| Power Supply (V/Hz/Ø) | 208-230/60/1 |
| Rated Amps (A)        | 2.5          |

**Piping:**

Refrigerant:

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

Condensate:

|   |             |
|---|-------------|
| Condensate Pump Drain <sup>2</sup> (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 Controller<sup>3</sup> - 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 Thermostat<sup>15</sup> - PDRYCB320
- Dry Contact for Economizer - PDRYCB400
- Auxiliary Heater Kit<sup>15</sup> - PRARH1
- Wi-Fi Module - PWFMD200
- High Efficiency Filter Box - ZFBXM301A



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

**Entering Mixed Air:**

|                                  |    |
|----------------------------------|----|
| Cooling Max <sup>4</sup> (°F WB) | 76 |
| Heating Min (°F DB)              | 59 |

**Unit Data:**

|  |                          |
|--|--------------------------|
| Refrigerant Type                                     | R410A                    |
| Refrigerant Control                                  | EEV                      |
| Sound Power <sup>5</sup> dB(A) (H/M/L, @0.24 ESP)    | 51/50/50                 |
| Sound Pressure <sup>6</sup> dB(A) (H/M/L, @0.24 ESP) | 40/39/37                 |
| Filter Type  | Washable                 |
| MERV   | N/A                      |
| Filter Quantity                                      | 2                        |
| Filter Dimensions <sup>7</sup> (in)                  | 13-1/4 x 23-15/16 x 3/16 |
| Net Unit Weight (lbs)                                | 96.1                     |
| Shipping Weight (lbs)                                | 110.0                    |

**Fan:**

|   |                                       |
|---|---------------------------------------|
| Type  | Sirocco                               |
| Fan Quantity  | 2                                     |
| Motor/Drive   | Brushless Digitally Controlled/Direct |
| Motor Quantity  | 1                                     |
| High Mode Airflow Rate H/M/L (CFM)                            | 1250 / 1017 / 837                     |
| High Mode External Static Pressure (ESP) <sup>8</sup> (in wg) | 0.23                                  |
| Airflow Range (CFM)   | 522 - 2,076                           |
| Minimum ESP (in wg) <sup>9</sup>                              | 0.16                                  |
| Maximum ESP (in wg) <sup>9</sup>                              | 0.79                                  |

**Notes:**

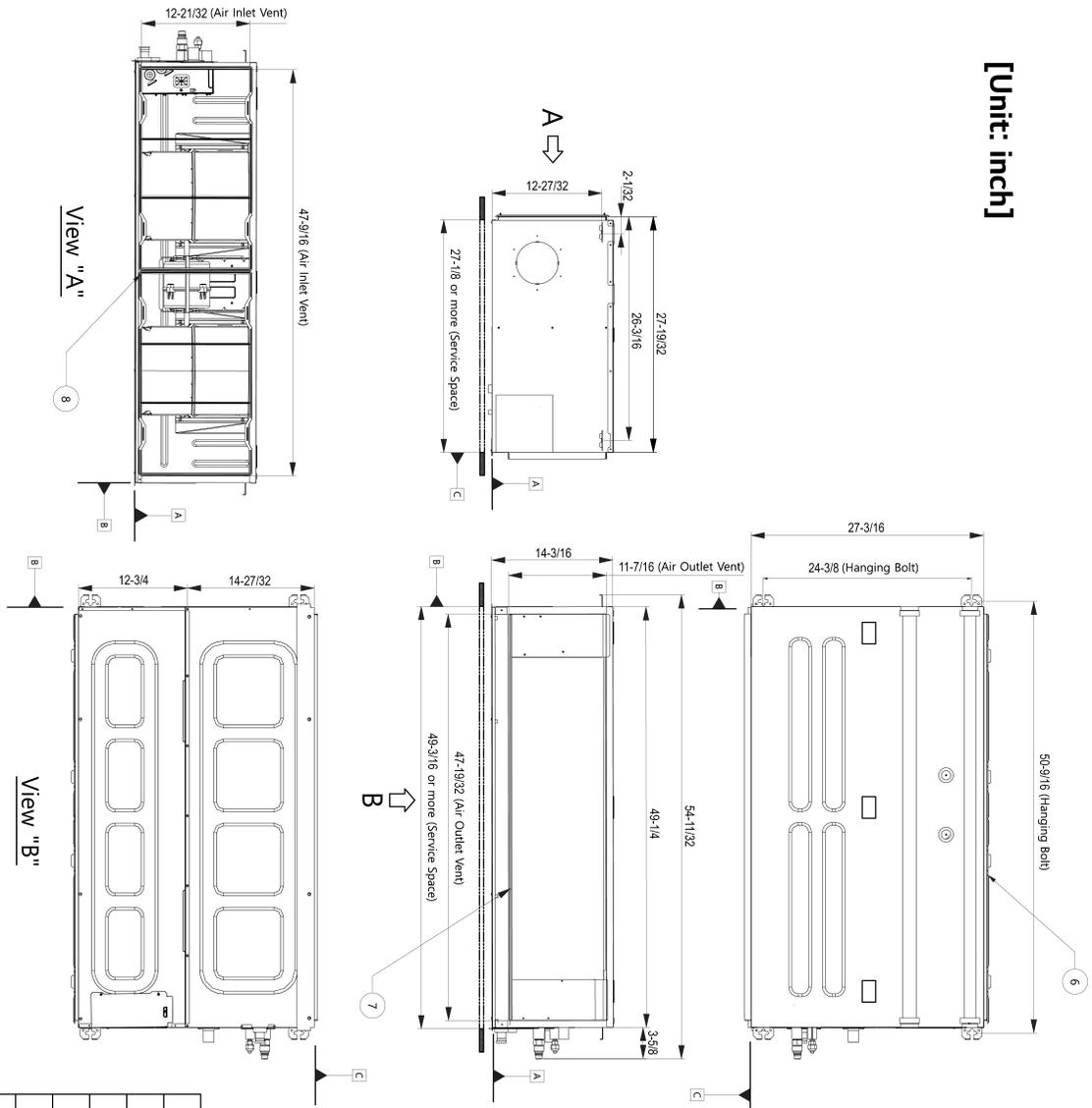
1. Maximum power input is rated at maximum setting value.
2. Maximum lift is 27 in from bottom of unit. Check valve not included (field supplied).
3. Requires an LG wall controller because ducted units do not have infrared receiver.
4. See Engineering Manual for sensible and latent capacities.
5. Sound Power level is measured using rated conditions, and tested in a reverberation room per AHRI 260.
6. Sound Pressure levels are tested in an anechoic chamber under ISO Standard 3745.
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.

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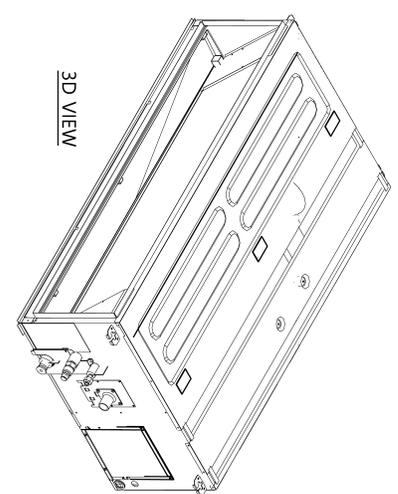
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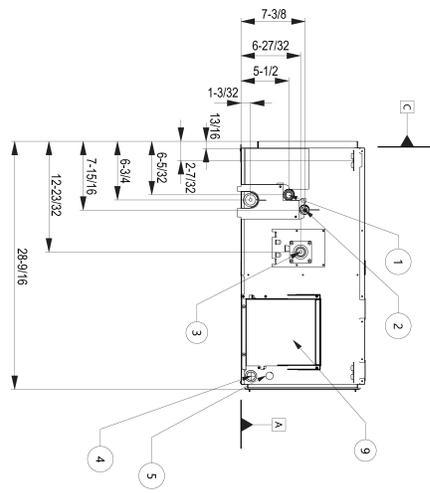
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 Date: \_\_\_\_\_  
 PO No.: \_\_\_\_\_



[Unit: inch]



3D VIEW



| No. | Part Name                           | Description           |
|-----|-------------------------------------|-----------------------|
| 9   | Control Cover                       | -                     |
| 8   | Air Filters                         | Supplied with product |
| 7   | Air Outlet                          | -                     |
| 6   | Air Inlet                           | -                     |
| 5   | Power Cable Hole                    | -                     |
| 4   | Remote and Communication Cable Hole | -                     |
| 3   | Drain pipe connection               | -                     |
| 2   | Liquid pipe connection              | -                     |
| 1   | Gas pipe connection                 | -                     |