



LG ARNU123L2G4 Low Static Single Zone Units User Guide

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LG ARNU123L2G4 Low Static Single Zone Units



Performance

Total Cooling Capacity (Btu/h)	12,300
Heating Capacity (Btu/h)	13,600
Maximum Power Input (W) ¹	85
L/M/H Power Input at Factory Default (W)	29 / 34 / 41

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

Electrical

Power Supply (V/Hz/Ø)	208-230/60/1
Rated Amps (A)	0.76

Piping:

Refrigerant:

Liquid Line (in., O.D.)	1/4 Flare
Vapor Line (in., O.D.)	1/2 Flare

Condensate:

Condensate Pump Drain ² (in., I.D.)	1
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Entering Mixed Air:

Cooling Maximum ³ (°F WB)	76
Heating Minimum (°F DB)	59

Controls Features

- Auto changeover (Heat Recovery only)
- Auto operation
- Auto restart
- Child lock
- Dual thermistor control
- Hot start
- External on/off control
- Self diagnostics

- Timer (on/off)
- Weekly schedule
- Fan speed control
- Dual setpoint control
- Multiple auxiliary heater applications
- Filter life display
- Group control
- Wi-Fi compatible
- Auto fan
- Leak detection

Optional Accessories

- Wireless Remote Controller4 – PQWRHQ0FDB
- MultiSITE™ CRC1 Controller – PREMTBVC0
- MultiSITE CRC1+ Controller – PREMTBVC1
- Premium Remote Controller – PREMTA000
- Simple Remote Controller – PREMTC00U
- Wi-Fi Module – PWFMD200
- Simple Dry Contact (1 contact, 24 VAC external power) – PDRYCB100
- Dry Contact for Third-Party Thermostat – PDRYCB32014
- Dry Contact for Economizer – PDRYCB400
- Auxiliary Heater Kit – PRARH114
- Remote Temperature Button Sensor – ZRTBS01

Unit Data:

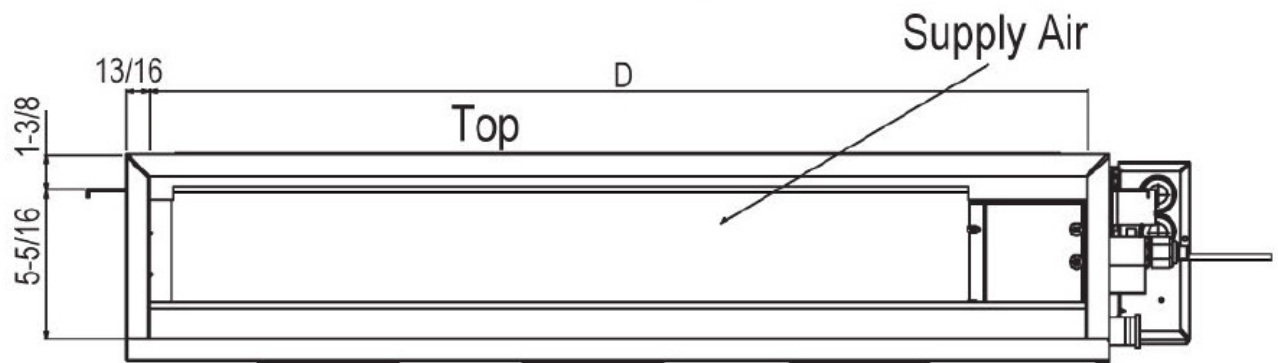
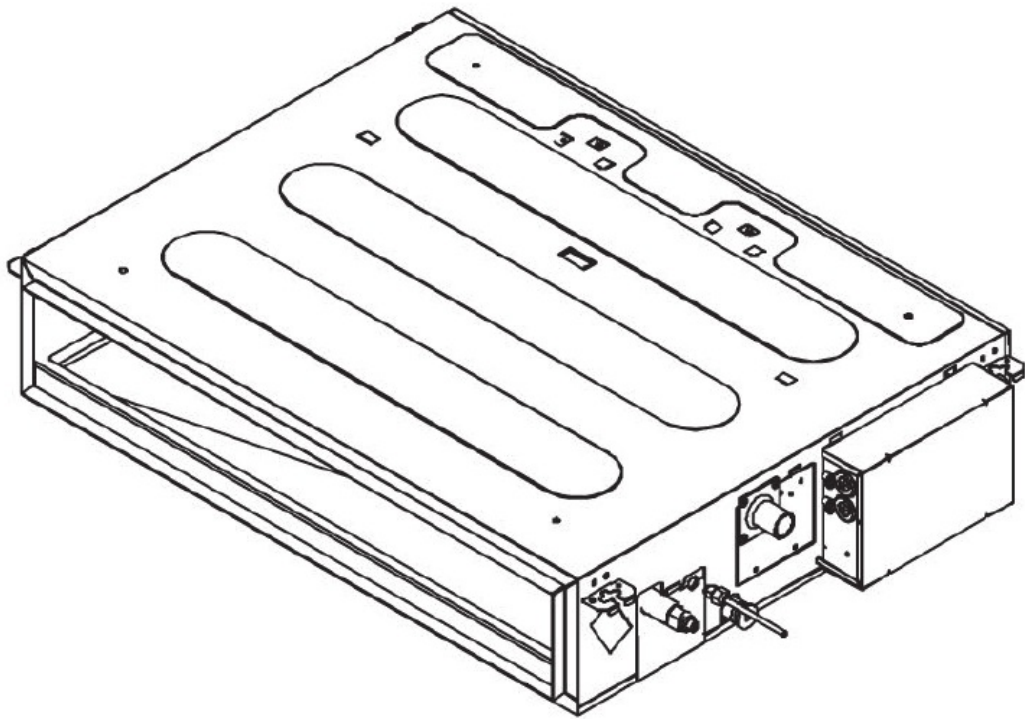
Refrigerant Type R410A
 Refrigerant Control EEV
 Sound Pressure dB(A) (H/M/L)5 31 / 29 / 26
 Filter Type Washable
 Filter Quantity 1
 Filter Dimensions6 (in.) 33-7/8 x 5-7/8 x 1/4
 Net Unit Weight (lbs.) 51
 Shipping Unit Weight (lbs.) 61

Fan:

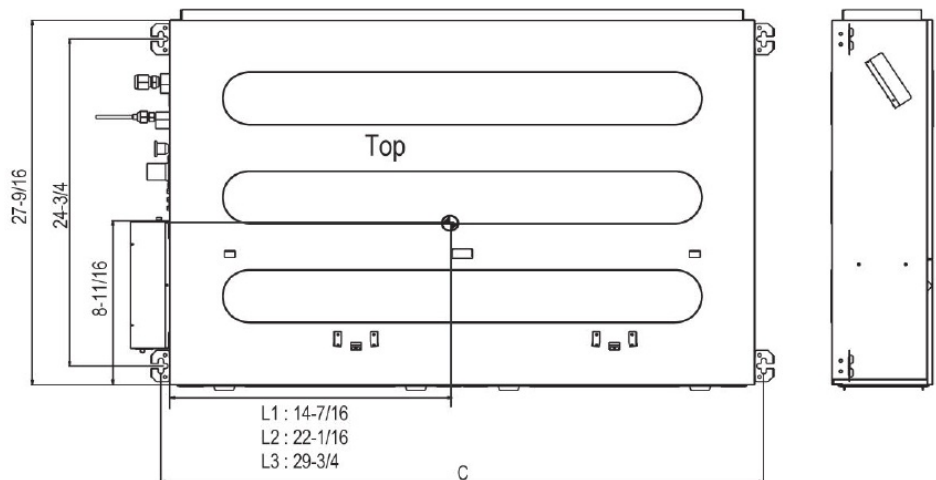
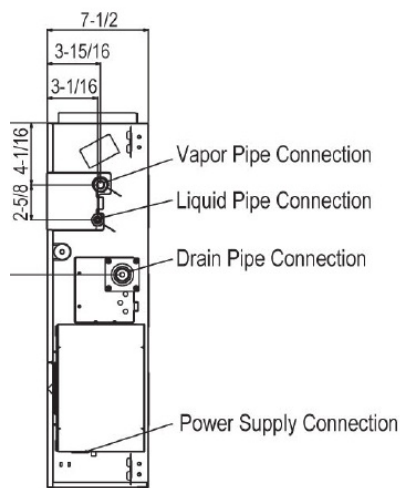
Type Sirocco
 Fan Quantity 3
 Motor/Drive Brushless Digitally Controlled/Direct
 Motor Quantity 2
 Standard Mode Airflow Rate H/M/L (CFM) 360 / 310 / 250
 Standard Mode External Static Pressure (ESP)7 (in. w.g.) 0
 High Mode Airflow Rate H/M/L (CFM) 360 / 310 / 250
 High Mode External Static Pressure (ESP)7 (in. w.g.) 0.1
 Airflow Range (CFM) 224 – 589
 Minimum ESP8 0
 Maximum ESP8 0.19

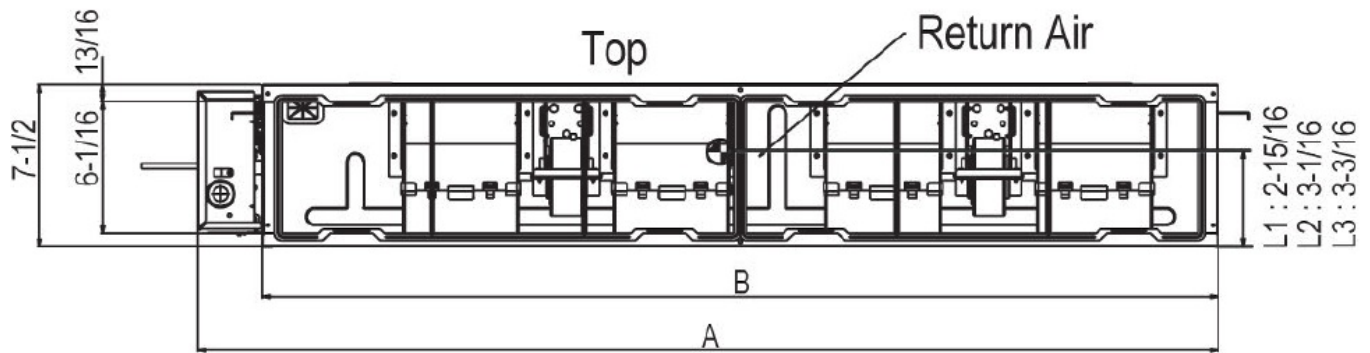
Notes:

1. Maximum power input is rated at maximum setting value.
2. Maximum lift is 27 inches from bottom of unit. Check valve not included (field supplied).
3. See Engineering Manual for sensible and latent capacities.
4. Requires an LG wall controller because ducted units do not have infrared receiver.
5. Sound Pressure levels are tested in an anechoic chamber under ISO Standard 3745.
6. Actual filter sizes may vary.
7. At factory fan speed setting.
8. Maximum static pressure may result in reduced airflow (CFM).
9. 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.
10. Power wiring cable size must comply with the applicable local and national code.
11. This unit comes with a dry nitrogen charge.
12. All capacities are net with a combination ratio between 95 – 105%.
13. Must follow installation instructions in the applicable LG installation manual.
14. 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.



Instructions





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

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Documents / Resources



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ARNU123L2G4 Low Static Single Zone Units, ARNU123L2G4, Low Static Single Zone Units, Single Zone Units

References

- ahridirectory.org
- [Experience the LG Difference in HVAC - LG Air Conditioning Technologies](#)