

Job Name/Location:

Tag No.:

Date:

For: File Resubmit

PO No.:

Approval Other_____

Architect:

GC:

Engr:

Mech:

Rep:

(Company)

(Project Manager)

ARNU243L3G4

Multi V™ Low Static Ducted

24,000 Btu/h Indoor Unit



Performance:

Total Cooling Capacity (Btu/h)	24,000
Heating Capacity (Btu/h)	27,300
Maximum Power Input (W) ¹	115
L/M/H Power Input at Factory Default (W)	48 / 63 / 103

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)	0.97

Piping:

Refrigerant:

Liquid Line (in., O.D.)	3/8 Flare
Vapor Line (in., O.D.)	5/8 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 - PWLSSB21H
- ☐ MultiSITE™ CRC2 Controller - PREMTBVC2
- ☐ MultiSITE CRC2+ Controller - PREMTBVC3
- ☐ MultiSITE CRC2+Z Controller - PREMTBVC4
- ☐ Simple Remote Controller - PREMTCO0U
- ☐ 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

Unit Data:

Refrigerant Type	R410A
Refrigerant Control	EEV
Sound Pressure dB(A) (H/M/L) ⁵	39 / 35 / 32
Sound Power dB(A) ⁶	58
Filter Type	Washable
Filter Quantity	1
Filter Dimensions ⁷ (in.)	41-3/4 x 5-7/8 x 1/4
Net Unit Weight (lbs.)	60
Shipping Unit Weight (lbs.)	69

Fan:

Type	Sirocco
Fan Quantity	4
Motor/Drive	Brushless Digitally Controlled/Direct
Motor Quantity	2
High Mode Airflow Rate H/M/L (CFM)	710 / 570 / 430
High Mode External Static Pressure (ESP) ⁸ (in. w.g.)	0.1
Airflow Range (CFM)	360 - 765
Minimum ESP ⁹	0
Maximum ESP ⁹	0.19

Notes:

- Maximum power input is rated at maximum setting value.
- Maximum lift is 27 inches from bottom of unit. Check valve not included (field supplied).
- See Engineering Manual for sensible and latent capacities.
- Requires an LG wall controller because ducted units do not have infrared receiver.
- Sound Pressure levels are tested in an anechoic chamber under ISO Standard 3745.
- Sound Power level is measured using rated conditions, and tested in a reverberation room per AHRI 260.
- Actual filter sizes may vary.
- At factory fan speed setting.
- Maximum static pressure may result in reduced airflow (CFM).
- 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.
- Power wiring cable size must comply with the applicable local and national code.
- This unit comes with a dry nitrogen charge.
- All capacities are net with a combination ratio between 95 – 105%.
- Must follow installation instructions in the applicable LG installation manual.
- 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 a complete list of available accessories, contact your LG representative.
For continual product development, LG reserves the right to change specifications without notice.
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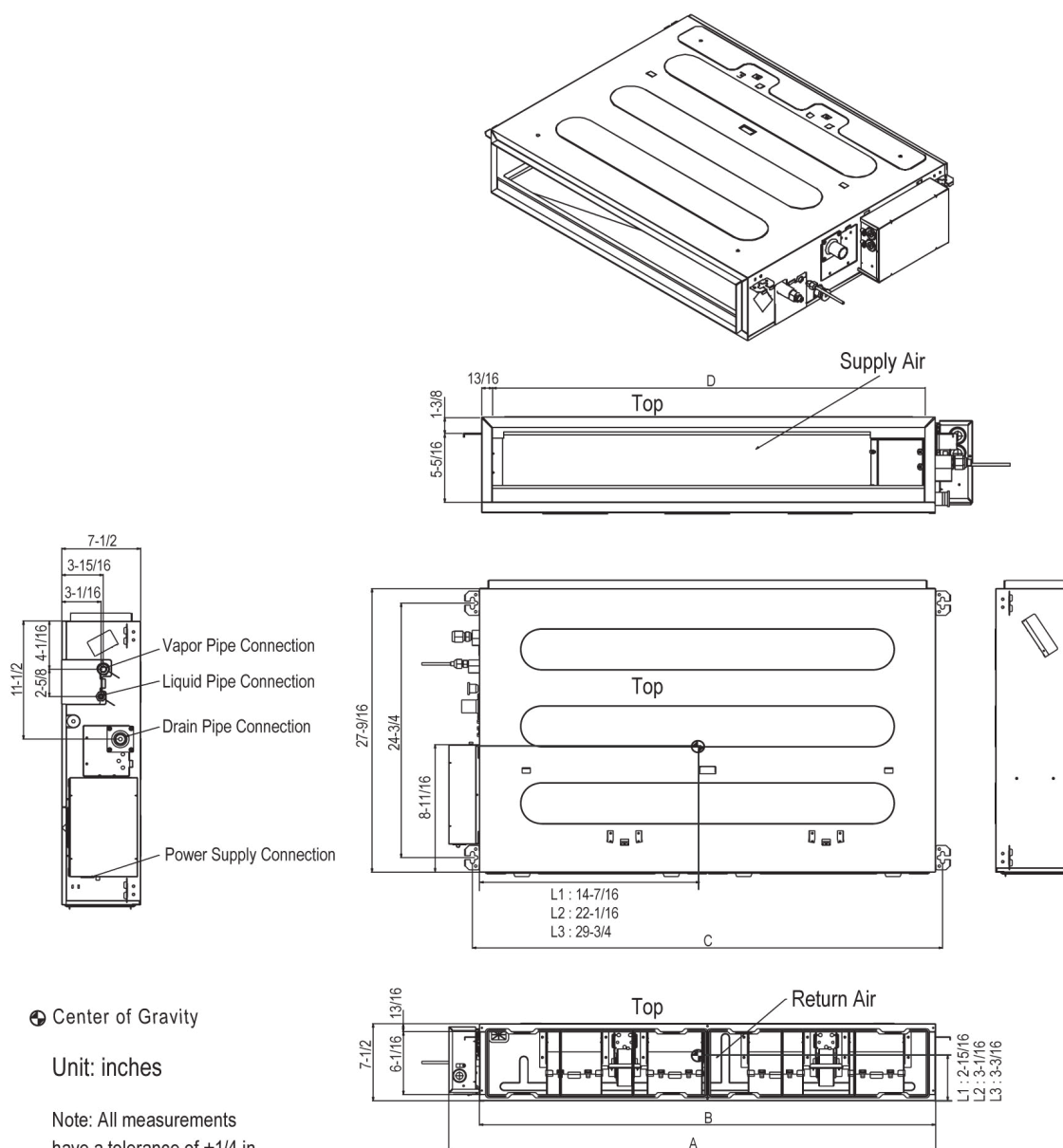
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Note: All measurements have a tolerance of $\pm 1/4$ in.

	A	B	C	D	Supply Duct Connection					Return Duct Connection				
					Type	Height	Width	Flange Width	Flange Depth	Opening Location	Height	Width	Flange Width	Flange Depth
ARNU073L1G4 ARNU093L1G4	30-1/2	27-9/16	28-7/8	26	Flange	5-7/8	26	13/16	5/8	Rear	6-1/8	26	3/4	No Flange
										Bottom	6-1/16	26	3/4	No Flange
ARNU123L2G4 ARNU153L2G4 ARNU183L2G4	38-3/8	35-7/16	36-3/4	33-7/8	Flange	5-7/8	33-13/16	13/16	5/8	Rear	6-1/8	33-11/16	3/4	No Flange
										Bottom	6-1/16	33-11/16	3/4	No Flange
ARNU243L3G4	46-1/4	43-5/16	44-5/8	41-3/4	Flange	5-7/8	41-3/4	13/16	5/8	Rear	6-1/8	41-11/16	3/4	No Flange
										Bottom	6-1/16	41-11/16	3/4	No Flange