

Job Name/Location:

Tag No.:

Date:

For:	File	Resubmit
	Approval	Other_____

PO No.:

Architect: GC:

Engr: Mech:

Rep: (Company) (Project Manager)



**ARNU183L2G4**  
Multi V™ Low Static Ducted  
19,100 Btu/h Indoor Unit

**Performance:**

Total Cooling Capacity (Btu/h)	19,100
Heating Capacity (Btu/h)	21,500
Maximum Power Input (W) <sup>1</sup>	85
L/M/H Power Input at Factory Default (W)	41 / 56 / 71

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)	0.76

**Piping:**

**Refrigerant:**

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

**Condensate:**

Condensate Pump Drain <sup>2</sup> (in., I.D.)	1
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**Entering Mixed Air:**

Cooling Maximum <sup>3</sup> (°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 Controller<sup>4</sup> - PWLSSB21H
- MultiSITE™ CRC2 Controller - PREMTBVC2
- MultiSITE CRC2+ Controller - PREMTBVC3
- MultiSITE CRC2+Z Controller - PREMTBVC4
- Simple Remote Controller - PREMTCC00U
- 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

**Unit Data:**

Refrigerant Type	R410A
Refrigerant Control	EEV
Sound Pressure dB(A) (H/M/L) <sup>5</sup>	36 / 34 / 31
Sound Power dB(A) <sup>6</sup>	54
Filter Type	Washable
Filter Quantity	1
Filter Dimensions <sup>7</sup> (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
High Mode Airflow Rate H/M/L (CFM)	530 / 450 / 360
High Mode External Static Pressure (ESP) <sup>8</sup> (in. w.g.)	0.1
Airflow Range (CFM)	224 - 589
Minimum ESP <sup>9</sup>	0
Maximum ESP <sup>9</sup>	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. © LG Electronics U.S.A., Inc., Englewood Cliffs, NJ. All rights reserved. "LG Life's Good" is a registered trademark of LG Corp. /www.lghvac.com

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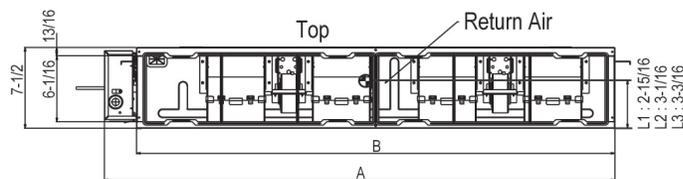
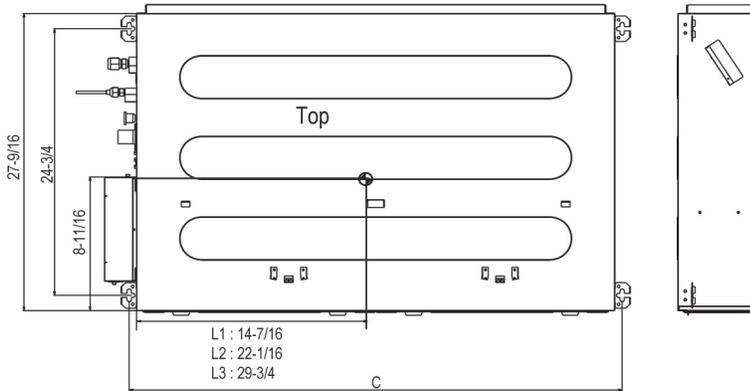
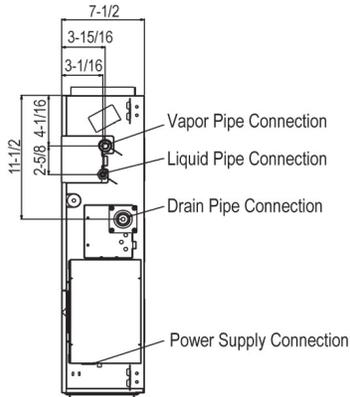
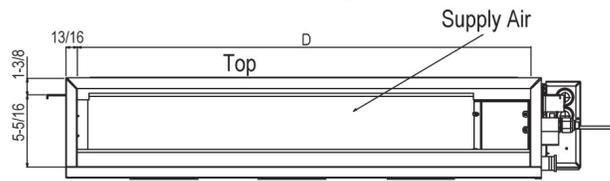
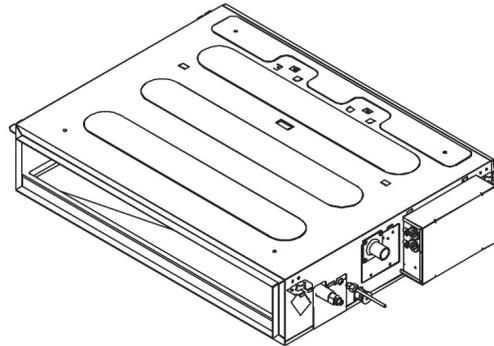
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⊕ Center of Gravity

Unit: inches

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	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
ARNU093L1G4										Bottom	6-1/16	26	3/4	No Flange
ARNU123L2G4	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
ARNU153L2G4										Bottom	6-1/16	33-11/16	3/4	No Flange
ARNU183L2G4	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
ARNU243L3G4										Bottom	6-1/16	41-11/16	3/4	No Flange