

Job Name/Location:

Tag No.:

Date:

For:	File	Resubmit
	Approval	Other_____

PO No.:

Architect:

GC:

Engr:

Mech:

Rep:
(Company)

(Project Manager)

ARNU183CFU4
Multi V™ Floor Standing - Uncased
19,100 Btu/h Indoor Unit



Performance:

Total Cooling Capacity (Btu/h) ¹	19,100
Heating Capacity (Btu/h) ¹	21,500
Maximum Power Input ²	115
L/M/H Power Input at Factory Default (W)	29 / 41 / 54

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	0.97

Piping:

Refrigerant	
Liquid Line (in., O.D.)	1/4 Flare
Vapor Line (in., O.D.)	1/2 Flare
Condensate	
Condensate Line (in., I.D.)	1
Factory Installed Pump	No

Controls Features:

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

Optional Accessories:

- Wireless Remote Controller - PQWRHQ0FDB³
- MultiSITE™ CRC1 Controller - PREMTBVC0
- MultiSITE™ CRC1+ Controller - PREMTBVC1
- Simple Remote Controller - PREMTC00U
- Premium Remote Controller - PREMTA000
- Remote Temperature Button Sensor - ZRTBS01
- Simple Dry Contact (1 contact, 24 VAC external power) - PDRYCB100
- Dry Contact for Third Party Thermostat - PDRYCB320
- Dry Contact for Economizer - PDRYCB400
- Auxiliary Heater Kit - PRARH1
- Wi-Fi Module - PWFMD200

Unit Data:

Refrigerant Type	R410A
Refrigerant Control	EEV
Sound Pressure dB(A) (H/M/L) ⁴	40 / 37 / 34
Filter Type	Washable
Filter Quantity	3
Filter Dimensions	13-3/8" x 7-1/4" x 3/4"
Unit Net Weight (lbs.)	58.4
Unit Shipping Weight (lbs.)	68.3

Fan:

Fan Type	Sirocco
Fan Quantity	4
Motor/Drive	Brushless Digitally Controlled/Direct
Motor Quantity	2
Air Flow Rate H/M/L (CFM)	565 / 494 / 424
Minimum ESP (in. w.g.)	0
Maximum ESP (in. w.g.)	0.24

Notes:

1. See Engineering Manual for sensible and latent capacities.
2. Maximum power input is rated at maximum setting value.
3. Requires an LG wired controller because floor standing units do not have an IR receiver.
4. Sound Pressure levels are tested in an anechoic chamber under ISO Standard 3745.
5. Communication cable between (main) outdoor unit 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.
6. Power wiring is field provided, and must comply with the applicable local and national codes.
7. This unit comes with a dry nitrogen charge.
8. All capacities are net with a combination ratio between 95 – 105%.
9. Must follow installation instructions in the applicable LG installation manual.



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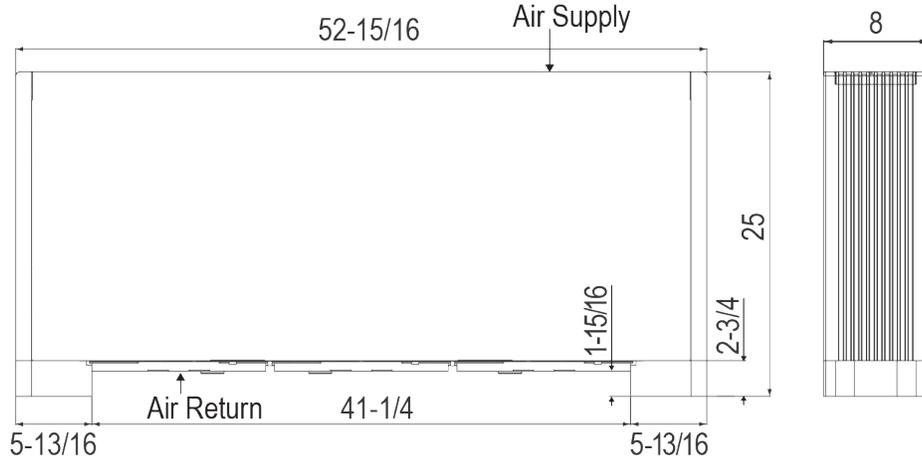
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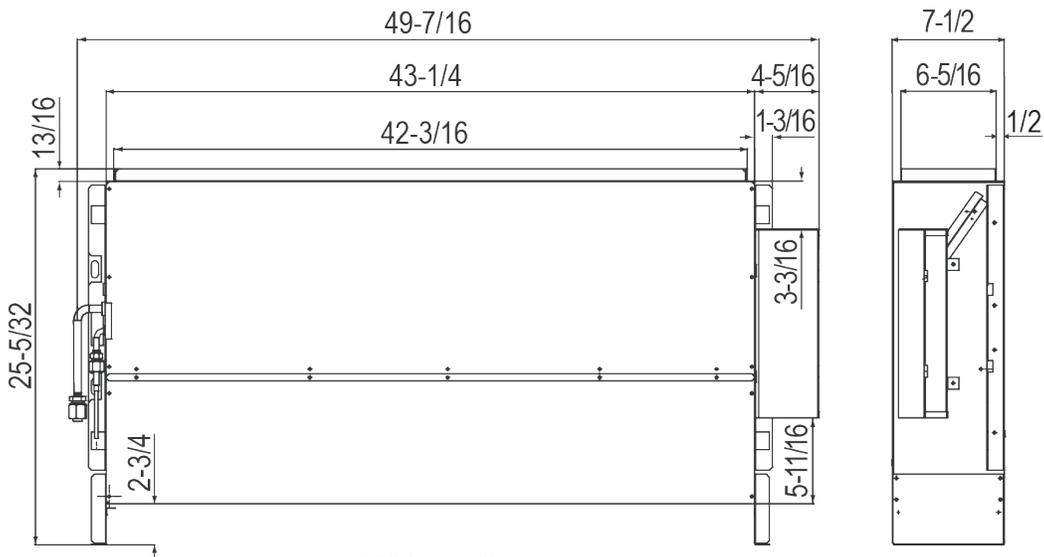
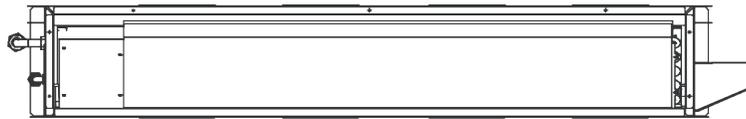
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With Case



Without Case

Unit: inches

Note: All measurements have a tolerance of $\pm 1/4$ in.

Model	W	H	D
ARNU183CFA4 ARNU243CFA4	52-15/16	25	8
ARNU183CFU4 ARNU243CFU4	49-7/16	25-3/16	7-1/2