

Job Name/Location:

Tag #:

Date:

For: File Resubmit
 Approval Other _____

PO No.:

Architect:

GC:

Engr:

Mech:

Rep:

(Company)

(Project Manager)

ARNU183CFU4
Multi V™ Floor Standing (without case)
19,100 Btu/h Indoor Unit



Performance:

Total Cooling Capacity ¹ (Btu/h)	19,100
Heating Capacity (Btu/h)	21,500
Power Input ² (W)	115

Cooling Nominal Test Conditions:
 Indoor: 80°F DB/67°F WB
 Outdoor: 95°F DB

Heating Nominal Test Conditions:
 Indoor: 70°F DB
 Outdoor: 47°F DB/43°F WB

Electrical:

Power Supply (V/Hz/Ø)	208-230/60/1
Rated Amps (A)	0.97

Piping:

Refrigerant:

Liquid Line (in, OD)	1/4 Flare
Vapor Line (in, OD)	1/2 Flare

Condensate:

Gravity Condensate Drain (in, OD)	1
Factory Installed Pump	No

Controls Features:

- Auto changeover (Heat Recovery only)
- Auto operation
- Auto restart
- Child lock
- Dual thermistor control
- Group control
- E.S.P. control
- Hot start
- Self diagnostics
- Timer (on/off)
- Weekly schedule
- Fan speed control
- Dual setpoint control
- Multiple aux heater applications
- Filter life and power consumption display

Optional Accessories:

- Wireless Remote Controller - PQWRHQ0FDB
- LG Programmable Controller - PREMTB10U
- LG Premium Controller - PREMTA000
- Simple Controller with Mode (Black) - PQRCVCL0Q
- Simple Controller with Mode (White) - PQRCVCL0QW
- Simple Controller without Mode (Black) - PQRCHCA0Q
- Simple Controller without Mode (White) - PQRCHCA0QW
- Simple Dry Contact (1 contact, 24 VAC external power) - PQDSB1
- Dry Contact for Economizer - PQDSBC1
- Dry Contact for Third Party Thermostat - PQDSBNGCM1
- Wall Mounted Temperature Sensor - PQRSTA0

Unit Data:

Refrigerant Type	R410A
Refrigerant Control	EEV
Sound Pressure ⁴ dB(A) (H/M/L)	40/37/34
Filter Type	Washable
Filter Quantity	3
Filter Dimensions	13-3/8"x7-1/4"x3/4"
Net Unit Weight (lbs)	58
Shipping Weight (lbs)	68

Fan:

Type	Sirocco
Fan Quantity	4
Motor/Drive	Brushless Digitally Controlled/Direct
Motor Quantity	2
Airflow Rate H/M/L (CFM)	565/494/424

Notes:

1. See Engineering Manual for sensible and latent capacities.
2. The Power Input is rated at high speed.
3. Requires an LG Programmable Thermostat, Simple Controller with Mode or a Simple Controller without Mode.
4. Sound Pressure levels are tested in an anechoic chamber under ISO Standard 3745.
5. All communication cable to be minimum 18 AWG, 2-conductor, stranded, shielded and must comply with applicable local and national code.
6. Power wiring cable size must comply with the applicable local and national code.
7. This unit comes with a dry nitrogen charge.
8. This data is rated 0 ft above sea level, with 25 ft of refrigerant line per indoor unit and a 0 ft level difference between outdoor and indoor units. 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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