

Job Name/Location:

Tag #:

Date:

For: File Resubmit
 Approval Other _____

PO No.:

Architect:

GC:

Engr:

Mech:

Rep:

(Company)

(Project Manager)

ARNU183CFA4
Multi V™ Floor Standing (with 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) | 75 |
| Shipping Weight (lbs) | 86 |

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.



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

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