

Job Name/Location:

Tag #:

Date:

For: ☐ File ☐ Resubmit

PO No.:

☐ Approval ☐ Other \_\_\_\_\_

Architect:

GC:

Engr:

Mech:

Rep:

(Company)

(Project Manager)

**ARNU153BHA2**

Multi V™ Ducted (High Static)

15,400 Btu/h Indoor Unit

**Performance:**

|                                |        |
|--------------------------------|--------|
| Total Cooling Capacity (Btu/h) | 15,400 |
| Heating Capacity (Btu/h)       | 17,100 |
| Power Input <sup>1</sup> (W)   | 150    |

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)        | 0.92         |

**Piping:**

Refrigerant:

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

Condensate:

|                                             |         |
|---------------------------------------------|---------|
| Condensate Pump Drain <sup>2</sup> (in, OD) | 1 Plain |
| Gravity Drain Plugged (in, OD)              | 1 MPT   |

**Controls Features:**

- Auto changeover (Heat Recovery only)
- Auto operation
- Auto restart
- Child lock
- Dual thermistor control
- Group control
- Hot start
- Self diagnostics
- Sleep mode
- Timer (on/off)
- Weekly schedule
- Soft dry (dehumidification)
- Fan speed control

**Optional Accessories:**

- ☐ Wireless Handheld Remote Controller<sup>3</sup> - PQWRHDF0
- ☐ LG Programmable Thermostat - PREMTB10U
- ☐ Simple Controller with Mode (Black) - PQRCVCL0Q
- ☐ Simple Controller with Mode (White) - PQRCVCL0QW
- ☐ Simple Controller without Mode (Black) - PQRCHCA0Q
- ☐ Simple Controller without Mode (White) - PQRCHCA0QW
- ☐ Dry Contact Unit (1 contact, 24 VAC external power) - PQDSB1
- ☐ Dry Contact with Economizer Interface- PQDSBC1
- ☐ Dry Contact for Third Party Thermostat - PQDSBNGCM1
- ☐ Wall Mounted Temperature Sensor - PQRSTA0
- ☐ High Efficiency Filter Box for BH HSD Chassis - ZFBXBH01A
- ☐ Dynamic V8 2VL Low Profile Air Cleaner - ZPLMV201A
- ☐ Dynamic V8 4VL Air Cleaner - ZPLMV402A
- ☐ Dynamic V8 VL Replacement Filter Pads (4-Pack) - ZFLT1301A
- ☐ Dynamic V8 VL Replacement Filter Pads (24 Pack) - ZFLT1302A
- ☐ Return Air Grille - Louvered (one per plenum) - ZGRLRA01A
- ☐ Return Air Grille - Egg Crate (one per plenum) - ZGRLRA02A
- ☐ 2VL Low Profile Return Air Plenum - ZPLMV201A
- ☐ 4VL Return Air Plenum - ZPLMV402A

**Entering Mixed Air:**

|                                  |    |
|----------------------------------|----|
| Cooling Max <sup>4</sup> (°F WB) | 76 |
| Heating Min (°F DB)              | 59 |

**Unit Data:**

|                                           |                         |
|-------------------------------------------|-------------------------|
| Refrigerant Type                          | R410A                   |
| Refrigerant Control                       | EEV                     |
| Sound Pressure <sup>5</sup> dB(A) (H/M/L) | 39/38/37                |
| Filter Type                               | Washable                |
| MERV                                      | N/A                     |
| Filter Quantity                           | 1                       |
| Filter Dimensions <sup>6</sup>            | 7-1/2" x 30-3/4" x 1/4" |
| Net Unit Weight (lbs)                     | 59                      |
| Shipping Weight (lbs)                     | 69                      |

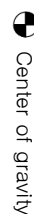
**Fan:**

|                                                     |                                       |
|-----------------------------------------------------|---------------------------------------|
| Type                                                | Sirocco                               |
| Fan Quantity                                        | 2                                     |
| Motor/Drive                                         | Brushless Digitally Controlled/Direct |
| Motor Quantity                                      | 1                                     |
| Airflow Rate H/M/L (CFM)                            | 477/424/300                           |
| External Static Pressure (ESP) <sup>7</sup> (in wg) | 0.31                                  |
| Minimum ESP/Fan Setting Value <sup>8</sup>          | 0.15/100                              |
| Maximum ESP/Setting Value <sup>8</sup>              | 0.47/150                              |

**Notes:**

- The Power Input is rated at high speed.
- Maximum lift is 27 in from bottom of unit. Check valve not included (field supplied).
- Requires an LG Programmable Thermostat, Simple Controller with Mode or a Simple Controller without Mode.
- See Engineering Manual for sensible and latent capacities.
- Sound Pressure levels are tested in an anechoic chamber under ISO Standard 3745.
- Actual filter sizes may vary.
- At factory fan speed setting.
- Maximum static pressure may result in reduced airflow (CFM).
- All communication cable to be minimum 18 AWG, 2-conductor, stranded, shielded and must comply with applicable local and national code.
- Power wiring cable size must comply with the applicable local and national code.
- This unit comes with a dry nitrogen charge.
- 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%.
- Must follow installation instructions in the applicable LG installation manual.





|      |           |
|------|-----------|
| W    | 34-3/4"   |
| D    | 17-3/4"   |
| H    | 10-1/4"   |
| L1   | 13/16"    |
| L2   | 6-3/8"    |
| L3   | 7/8"      |
| L4   | 29-1/2"   |
| L5   | 4-1/2"    |
| L6   | 4-1/2"    |
| L7   | 2-7/8"    |
| L8   | 6-1/4"    |
| L9   | 1-5/8"    |
| L10  | 29-1/2"   |
| L11  | 6-5/8"    |
| L12  | 6-5/8"    |
| L13  | 3-15/16"  |
| L14  | 1-7/8"    |
| L15  | 1"        |
| L16  | 3-1/4"    |
| L17  | 3-15/16"  |
| L18  | 7"        |
| L19  | 3-3/16"   |
| L20  | 4-13/16"  |
| L21  | 0"        |
| L22  | 10-1/4"   |
| L23  | 41-3/8"   |
| L24  | 1-3/16"   |
| L25" | 0"        |
| M1   | 36-11/16" |
| M2   | 14"       |
| M3   | 1"        |
| M4   | 1-7/8"    |
| M5   | 2-1/2"    |
| M6   | 2"        |

Center of Gravity  
ARNU153BHA2

|   |          |
|---|----------|
| X | 15-7/8"  |
| Y | 8-5/8"   |
| Z | 4-11/16" |