

Job Name/Location:

Tag #:

Date:

For:  File  Resubmit

PO No.:

Approval  Other

Architect:

GC:

Engr:

Mech:

Rep:

(Company)

(Project Manager)



**ARNU763B8Z4**  
Multi V™ Outside Air Unit  
76,400 Btu/h Indoor Unit

**Performance:**

Total Cooling Capacity (Btu/h)	76,400
Heating Capacity (Btu/h)	73,080
Power Input <sup>1</sup> (W)	230

Cooling Nominal Test Conditions:

Outdoor 91.4°F DB; 82.4°F WB

Heating Nominal Test Conditions:

Outdoor 32°F DB/26.8°F WB

**Electrical:**

Power Supply (V/Hz/Ø)	208-230/60/1
Rated Amps (A)	1.36

**Piping:**

Refrigerant:

Liquid Line (in, OD)	3/8 Flare
Vapor Line (in, OD)	3/4 Braze

Condensate:

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

**Controls Features:**

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

**Included Accessories:**

- Remote wall-mounted OAU controller<sup>15</sup>

**Optional Accessories:**

- Simple Dry Contact (1 contact, 24 VAC external power) - PDRYCB100
- Dry Contact for Economizer - PQDSBC1
- Dry Contact for Third Party Thermostat - PDRYCB300
- High Efficiency Filter Box for B8 HSD Chassis - ZFBXB801A
- 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
- Aux Heater Kit - PRARH1

**Entering Mixed Air:**

Cooling Max <sup>4</sup> (°F DB)	118
Heating Min (°F DB)	23

**Unit Data:**

Refrigerant Type	R410A
Refrigerant Control	EEV
Sound Pressure <sup>5</sup> dB(A) (H/M/L)	45 / 43 / 43
Filter Type	Washable
MERV	N/A
Filter Quantity	1
Filter Dimensions <sup>6</sup>	11-5/8" x 43-3/4" x 1/4"
Net Unit Weight (lbs)	161
Shipping Weight (lbs)	191

**Fan:**

Type	Sirocco
Fan Quantity	1
Motor/Drive	Brushless Digitally Controlled/Direct
Motor Quantity	1
High Mode Airflow Rate H/M/L (CFM)	837 / 446 / 446
High Mode External Static Pressure (ESP) <sup>7</sup> (in wg)	0.87
Minimum ESP (in wg) <sup>8</sup>	0.23
Maximum ESP (in wg) <sup>8</sup>	0.98

**Notes:**

1. The Power Input is rated at high speed.
2. Maximum lift is 27 in from bottom of unit. Check valve not included (field supplied).
3. Requires an LG wall controller because ducted units do not have infrared receiver.
4. See Engineering Manual for sensible and latent capacities.
5. Sound Pressure levels are tested in an anechoic chamber under ISO Standard 3745.
6. Actual filter sizes may vary.
7. At factory fan speed setting.
8. Maximum static pressure may result in reduced airflow (CFM).
9. All communication cable to be minimum 18 AWG, 2-conductor, stranded, shielded and must comply with applicable local and national code.
10. Power wiring cable size must comply with the applicable local and national code.
11. This unit comes with a dry nitrogen charge.
12. 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.
13. Must follow installation instructions in the applicable LG installation manual.
14. Minimum discharge air setpoint is 64 °F.
15. The included wall-mounted controller is compatible with the OAU only. Do not use this controller with any other unit. Do not use any other unit's controller with the OAU.



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