

Date: \_\_\_\_\_

PO No.: \_\_\_\_\_

Architect: \_\_\_\_\_ GC: \_\_\_\_\_

Engr: \_\_\_\_\_ Mech: \_\_\_\_\_

Rep: \_\_\_\_\_

(Company) \_\_\_\_\_ (Project Manager) \_\_\_\_\_

For:  File  Resubmit  
 Approval  Other \_\_\_\_\_



**PMBD3641**  
 4-Port Branch Distribution Unit (BD Unit)



**Performance:**

|  |        |
|--|--------|
| Max Nominal Port Capacity Btu/h (each port: A-C) | 24,000 |
| Max Nominal Port Capacity Btu/h (each port: D)   | 36,000 |
| Max Nominal Unit Capacity Btu/h (sum of ports)   | 73,000 |
| Power Input (W)                                  | 32     |

**Electrical:**

|                                     |              |
|-------------------------------------|--------------|
| Power Supply (V <sup>1</sup> /Hz/∅) | 208-230/60/1 |
| Rated Amps (A)                      | 0.16         |

**Piping:**

Piping Connection to Outdoor Unit:

|                      |     |
|----------------------|-----|
| Liquid Line (in, OD) | 3/8 |
| Vapor Line (in, OD)  | 3/4 |

Piping Connection to Indoor Unit:

|                      |                    |
|----------------------|--------------------|
| Liquid Line (in, OD) | 1/4 (A-C), 3/8 (D) |
| Vapor Line (in, OD)  | 3/8 (A-C), 5/8 (D) |

**Standard Features:**

- Distributes refrigerant to indoor units
- Internal components are insulated
- Flare joints provided for easy installation
- Compact design

**Operating Range:**

|                         |       |
|-------------------------|-------|
| Operating Range (°F DB) | 0-122 |
|-------------------------|-------|

**Unit Data:**

|                       |    |
|-----------------------|----|
| Net Weight (lbs)      | 16 |
| Shipping Weight (lbs) | 18 |

**Notes:**

1. Acceptable operating voltage: 187V-253V.
2. All power/communication cable to be minimum 16 AWG from the outdoor unit to the BD unit and 18 AWG from the BD unit to the indoor unit.
3. All power/communication cable to be 4-conductor, stranded, shielded and must comply with applicable local and national code.
4. Piping lengths:
  - Maximum height difference between BD unit and indoor units - 32.8 ft
  - Maximum height difference between BD unit and BD unit - 49.2 ft.
  - Maximum piping length between BD unit and indoor units - 49.2 ft
5. The BD unit should be installed inside of a building.
6. Must follow installation instructions in the applicable LG installation manual.
7. Power wiring cable size must comply with the applicable local and national code.

# PMBD3641

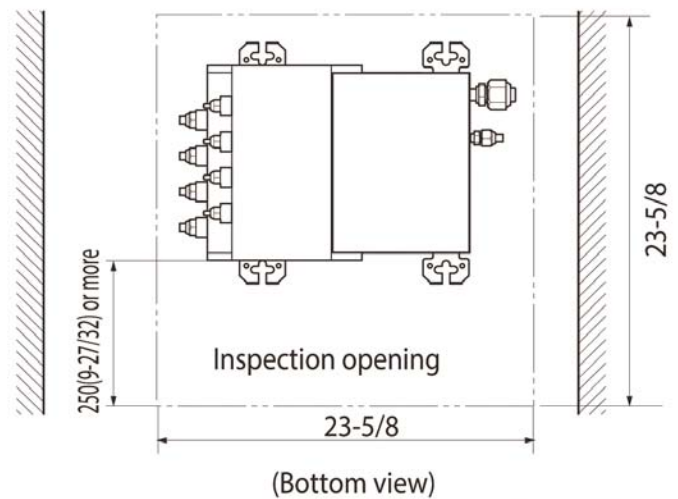
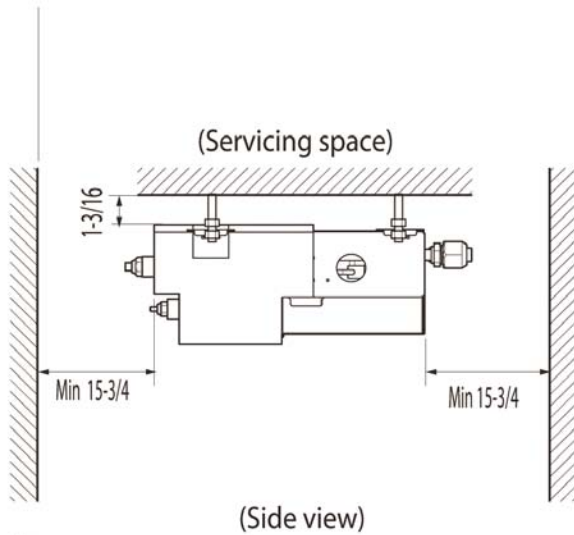
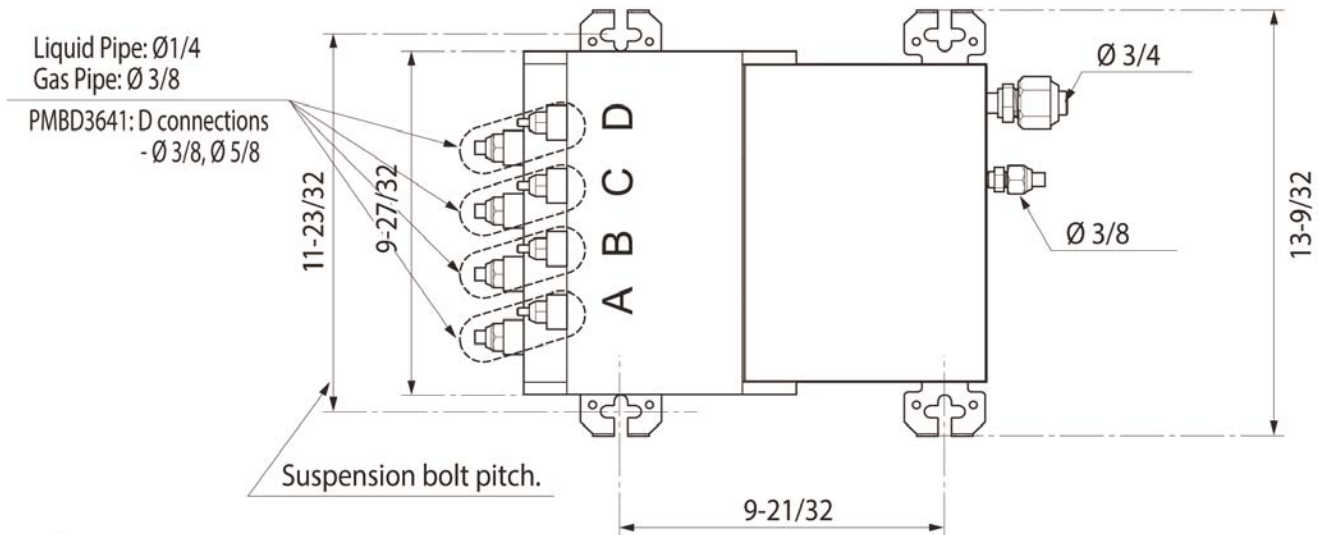
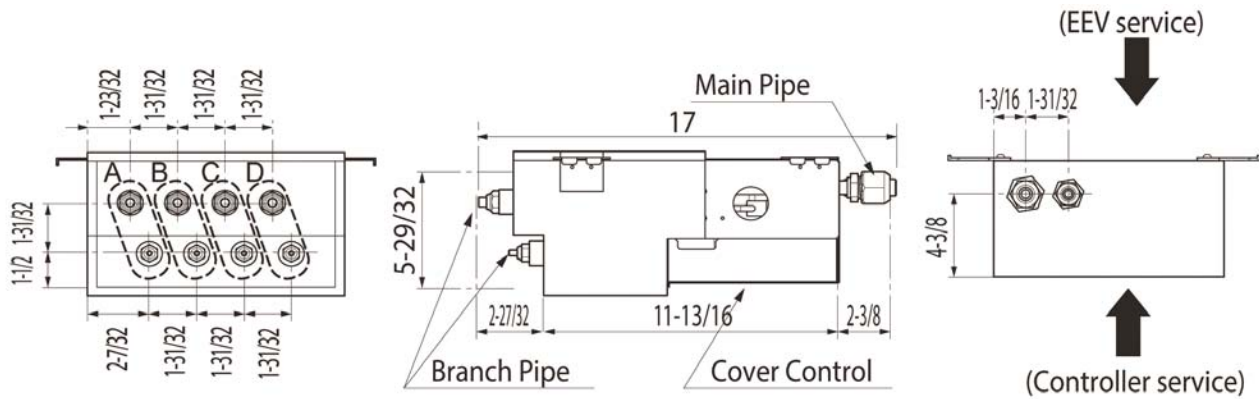
4-Port Branch Distribution Unit (BD Unit)



Tag #:

Date:

PO No.:



**Notes**

1. For PMBD3620 unit, ports A and B are available.
2. For PMBD3630 unit, ports A, B and C are available.
3. For PMBD3640 and PMBD3641 units, ports A, B, C and D are available.

Unit : inch