

Job Name/Location:

Tag No:

Date:

| | | |
|------|----------|-------------|
| For: | File | Resubmit |
| | Approval | Other _____ |

PO No.:

Architect: GC:

Engr: Mech:

Rep: (Company) (Project Manager)



PMBD3620 Two-Port Branch Distribution Unit

Performance:

| | |
|---|----------------|
| Max. Nominal Port Capacity (Btu/h) (each port) | 24,000 |
| Max. Nominal Unit Capacity (Btu/h) (sum of ports) | 48,000 |
| Connected Indoor Unit Capacity (Btu/h) | 7,000 ~ 24,000 |
| Power Input (W) | 16 |

Electrical:

| | |
|-----------------------|--------------|
| Power Supply (V/Hz/Ø) | 208-230/60/1 |
| Rated Amps (A) | 0.08 |

Piping:

Piping Connections to Outdoor Unit:

| | |
|-------------------------|------|
| Liquid Line (in., O.D.) | Ø3/8 |
| Vapor Line (in., O.D.) | Ø3/4 |

Piping Connections to Indoor Unit:

| | |
|-------------------------|----------|
| Liquid Line (in., O.D.) | Ø1/4 x 2 |
| Vapor Line (in., O.D.) | Ø3/8 x 2 |

Features:

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

Operating Range:

| | |
|---------------------------|---------|
| Temperature Range (°F DB) | 0 ~ 150 |
| Maximum Humidity | 80% |

Unit Data:

| | |
|------------------------|----|
| Net Weight (lbs.) | 13 |
| Shipping Weight (lbs.) | 15 |

Notes:

1. Acceptable operating voltage: 187V-253V.
2. All communication / power (connection) cable must be a minimum of 14 AWG, 4-conductor from the outdoor unit to the branch distribution unit; 14 AWG, 4-conductor from the branch distribution unit to the indoor unit; stranded, shielded or unshielded (if shielded, it must be grounded to the chassis of the outdoor unit only); and must comply with applicable local and national codes.
3. Piping lengths:
 - Maximum height difference between branch distribution unit and indoor units - 32.8 feet.
 - Maximum height difference between branch distribution unit and branch distribution unit - 49.2 feet.
 - Maximum piping length between branch distribution unit and indoor units - 49.2 feet.
4. The branch distribution unit should be installed inside of a building.
5. Must follow installation instructions in the applicable LG installation manual.
6. Power wiring cable size must comply with the applicable local and national codes.



PMBD3620

Two-Port Branch Distribution Unit



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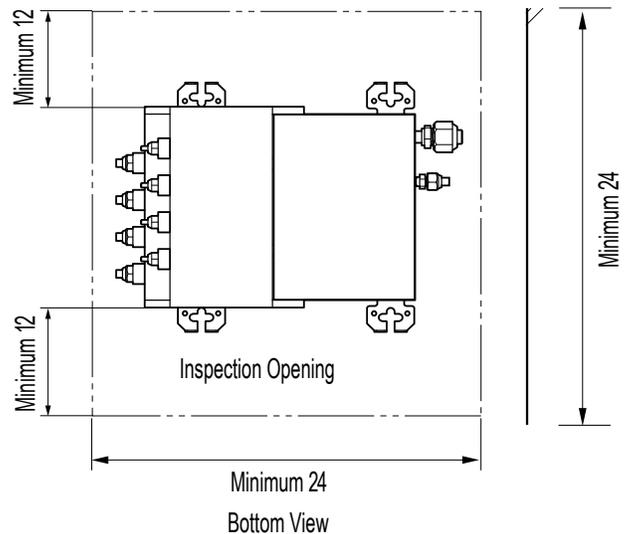
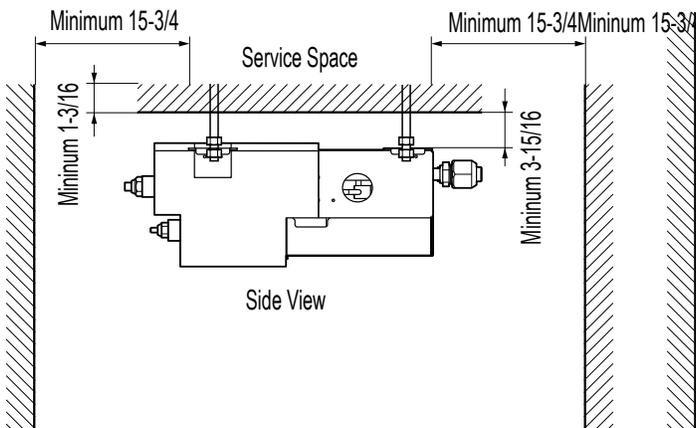
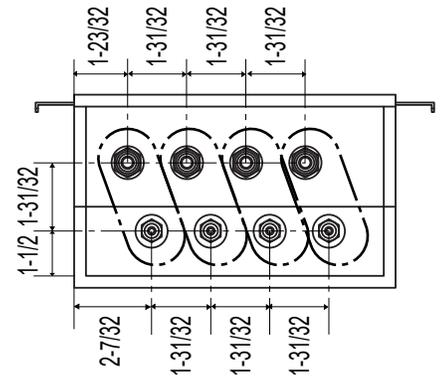
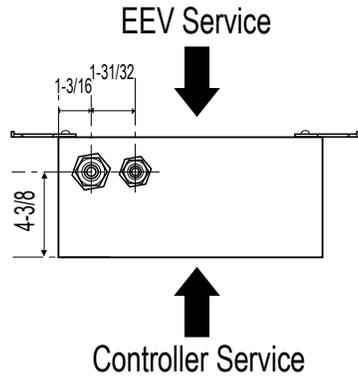
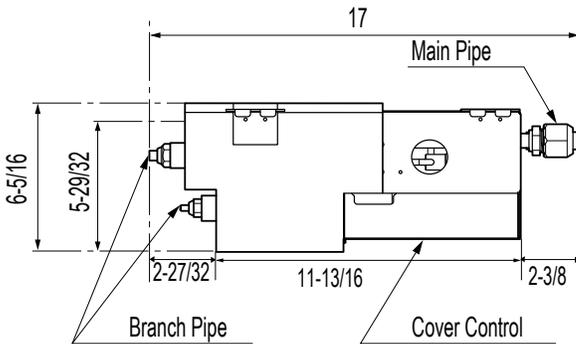
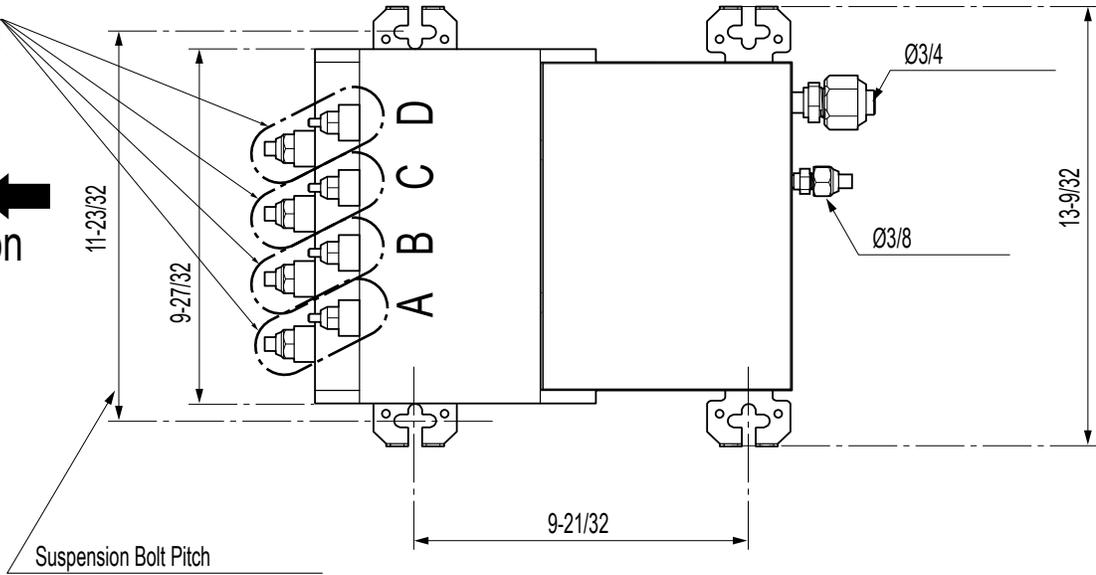
PO No.: _____

A-C (and PMBD3640 D) Connections:
Liquid Pipe Ø1/4
Gas Pipe Ø3/8

PMBD3641 D Connections:
Liquid Pipe Ø1/4
Gas Pipe Ø1/2

Indoor Unit
Piping Direction ←

Unit: Inch



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.