

Job Name/Location:

Tag No:

Date:

For:	File	Resubmit
	Approval	Other _____

PO No.:

Architect: GC:

Engr: Mech:

Rep: (Company) (Project Manager)



PMBD3641
Four-Port Branch Distribution Unit

Performance:

Max. Nominal Port Capacity (Btu/h) (each port)	Ports A, B, C: 24,000; Port D: 36,000
Max. Nominal Unit Capacity (Btu/h) (sum of ports)	73,000
Connected Indoor Unit Capacity (Btu/h)	Ports A, B, C: 7,000 ~ 24,000; Port D: 24,000 or 36,000
Power Input (W)	32

Operating Range:

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

Unit Data:

Net Weight (lbs.)	15.7
Shipping Weight (lbs.)	18

Electrical:

Power Supply (V/Hz/Ø)	208-230/60/1
Rated Amps (A)	0.16

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 4
Vapor Line (in., O.D.)	Ø3/8 x 3; Ø1/2 x 1

Features:

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

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.
7. Socket adapter is not required for a 24MBH indoor unit connected to Port D of the PMBD3641.
8. Includes socket adapters for Port D pipe connection with a 36 MBH indoor unit.



PMBD3641

Four-Port Branch Distribution Unit



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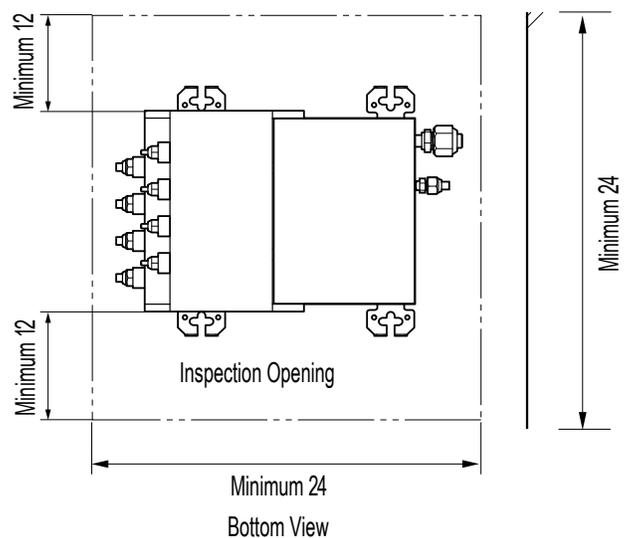
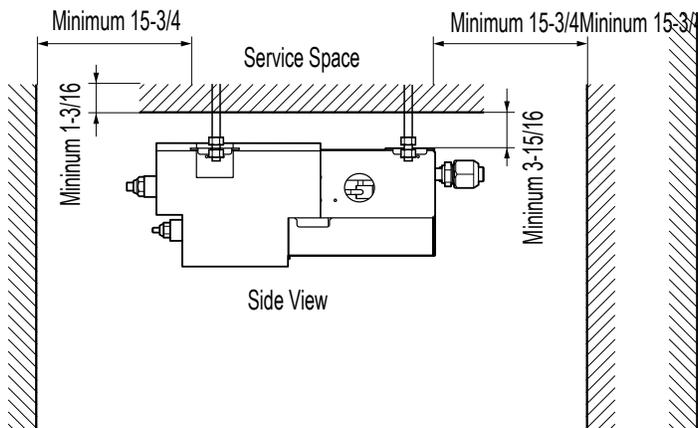
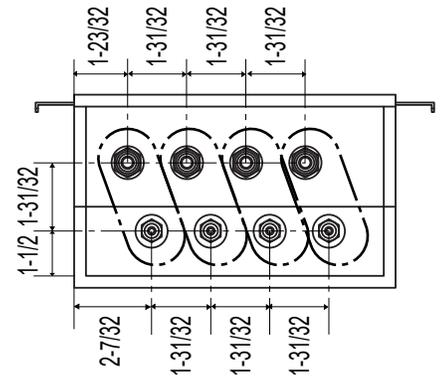
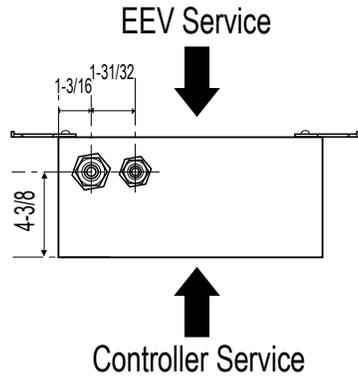
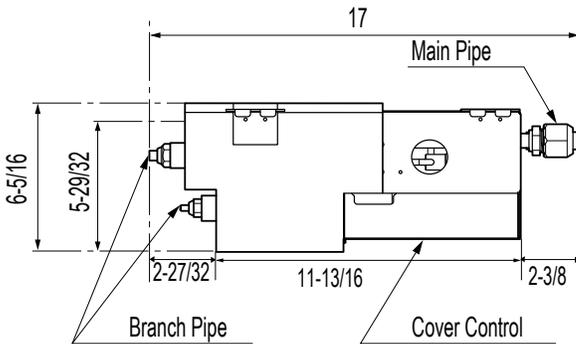
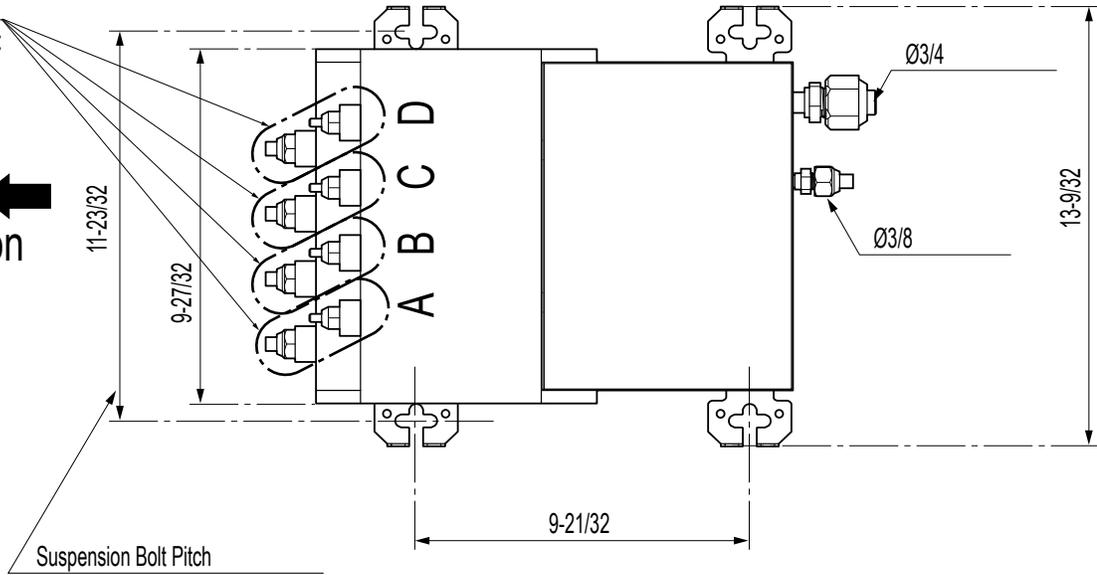
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A-C (and PMBD3640 D) Connections:
Liquid Pipe Ø1/4
Gas Pipe Ø3/8

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.