

Date: \_\_\_\_\_ For:  File  Resubmit  
 PO No.: \_\_\_\_\_  Approval  Other \_\_\_\_\_  
 Architect: \_\_\_\_\_ GC: \_\_\_\_\_  
 Engr: \_\_\_\_\_ Mech: \_\_\_\_\_  
 Rep: \_\_\_\_\_  
(Company) (Project Manager)



**PRHR032A**  
**Multi V™ Heat Recovery Unit**



**Performance:**

|  |         |
|--|---------|
| Max Port Capacity Btu/h (each port)    | 54,000  |
| Max Unit Capacity Btu/h (sum of ports) | 192,000 |
| Power Input (W)                        | 40      |

**Electrical:**

|                       |              |
|-----------------------|--------------|
| Power Supply (V/Hz/∅) | 208-230/60/1 |
| Rated Amps (A)        | 0.12         |

**Piping:**

Refrigerant:

|                                 |       |
|---------------------------------|-------|
| Port Liquid Line (in, OD)       | 3/8   |
| Port Vapor Line (in, OD)        | 5/8   |
| System Liquid Line (in, OD)     | 1/2   |
| System Vapor Line High (in, OD) | 7/8   |
| System Vapor Line Low (in, OD)  | 1-1/8 |

**Standard Features:**

- Allows connected indoor units to be in cooling or heating mode simultaneously
- Internal components are insulated
  - External casing insulation is not needed<sup>1</sup>
  - Condensate drain not needed
- Series or parallel connection with additional heat recovery units
- Flexible placement for service access or pipe routing
- Access panels
  - Top panel for solenoid valve heads
  - Rear panel for control access
  - Bottom panel for refrigerant circuit

**Unit Data:**

|  |       |
|--|-------|
| Refrigerant Type                         | R410A |
| Number of Indoor Unit Ports <sup>2</sup> | 3     |
| <b>Sound Pressure Data:</b>              |       |
| Cooling Mode dB(A)                       | 35.2  |
| Heating Mode dB(A)                       | 35.1  |
| Simultaneous dB(A)                       | 43.3  |
| Net Unit Weight (lbs)                    | 45    |
| Shipping Weight (lbs)                    | 54    |

**Notes:**

- 1.All refrigerant pipes require insulation.
- 2.Each port can allow up to 8 indoor units with a maximum capacity of 48 MBh per port.
- 3.All communication cable to be minimum 18 AWG, 2-conductor, stranded, shielded and must comply with applicable local and national code.
- 4.Kit components must be kept dry and free of debris before installation.
- 5.Must follow installation instructions in the applicable LG installation manual.
- 6.Power wiring cable size must comply with the applicable local and national code.
- 7.This unit comes with a dry nitrogen charge.



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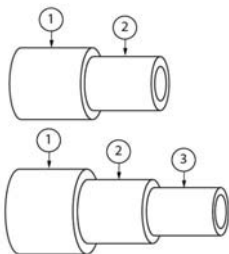
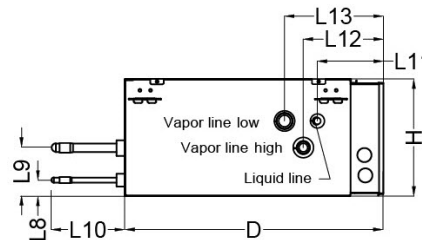
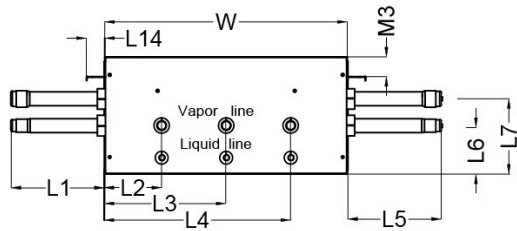
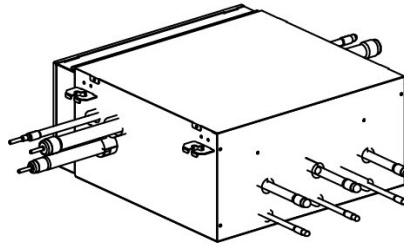
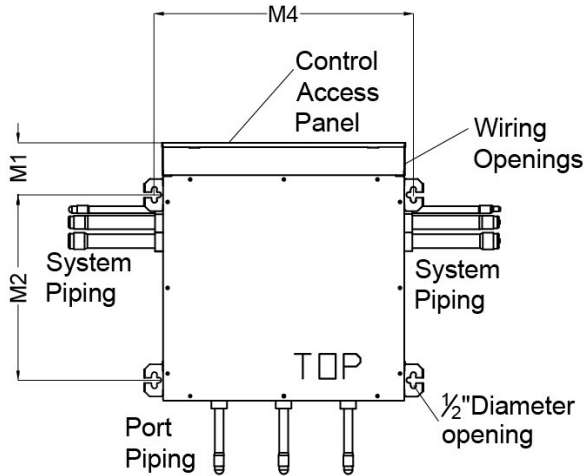


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|     |           |
|-----|-----------|
| W   | 17-7/8"   |
| H   | 8-5/8"    |
| D   | 18-15/16" |
| L1  | 6-7/8"    |
| L2  | 4-1/4"    |
| L3  | 9"        |
| L4  | 13-3/4"   |
| L5  | 6-7/8"    |
| L6  | 3-1/2"    |
| L7  | 5-1/2"    |
| L8  | 1-3/16"   |
| L9  | 3-9/16"   |
| L10 | 5-7/16"   |
| L11 | 4-3/4"    |
| L12 | 5-3/4"    |
| L13 | 7-1/4"    |
| L14 | 1-1/4"    |
| M1  | 3-3/4"    |
| M2  | 13-5/8"   |
| M3  | 1-1/2"    |
| M4  | 18-15/16" |



| Reducer Dimensions (in) |                 |          |        |        |          |
|-------------------------|-----------------|----------|--------|--------|----------|
|                         |                 | 1        | 2      | 3      | Quantity |
| Indoor Unit             | Liquid Line     | 3/8 OD   | 1/4 OD | -      | 3        |
|                         | Vapor Line      | 5/8 OD   | 1/2 OD | -      | 3        |
| HR Unit                 | Liquid Line     | 1/2 OD   | 3/8 OD | -      | 2        |
|                         | Vapor Line Low  | 3/4 OD   | 5/8 OD | -      | 2        |
|                         |                 | 1-1/8 OD | 7/8 OD | 3/4 OD | 2        |
|                         | Vapor Line High | 5/8 OD   | 1/2 OD | -      | 2        |
| 7/8 OD                  |                 | 3/4 OD   | 5/8 OD | 2      |          |