

Job Name/Location:

Tag #:

Date:

For: File Resubmit

PO No.:

Approval Other

Architect:

GC:

Engr:

Mech:

Rep:

(Company)

(Project Manager)



PRHR030A

Multi V™ Sync II Heat Recovery Unit

Performance:

| | |
|--|---------|
| Max Port Capacity Btu/h (each port) | 48,100 |
| Max Unit Capacity Btu/h (sum of ports) | 144,300 |
| Power Input (W) | 40 |

Electrical:

| | |
|-----------------------|--------------|
| Power Supply (V/Hz/∅) | 208-230/60/1 |
| MOP (A) | 15 |
| MCA (A) | 0.2 |

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
 - Casing is internally insulated
 - External insulation not needed
- Condensate drain not needed
- Series or parallel connection with additional heat recovery units
 - Flexible placement for service access or pipe routing

Unit Data:

| | |
|--|--------|
| Refrigerant Type | R410A |
| Number of Indoor Unit Ports | 3 |
| Net Unit Weight (lbs) | 49 |
| Shipping Weight (lbs) | 57 |
| Communication Cable ¹ (No. x AWG) | 2 x 18 |

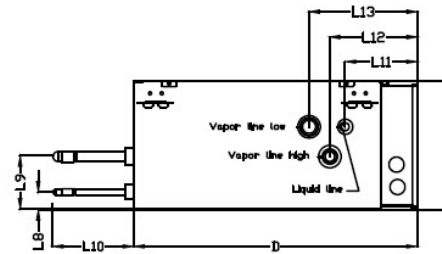
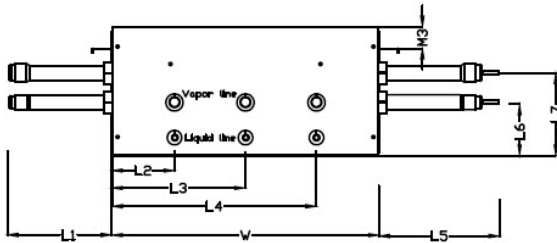
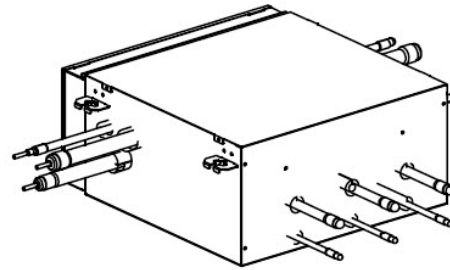
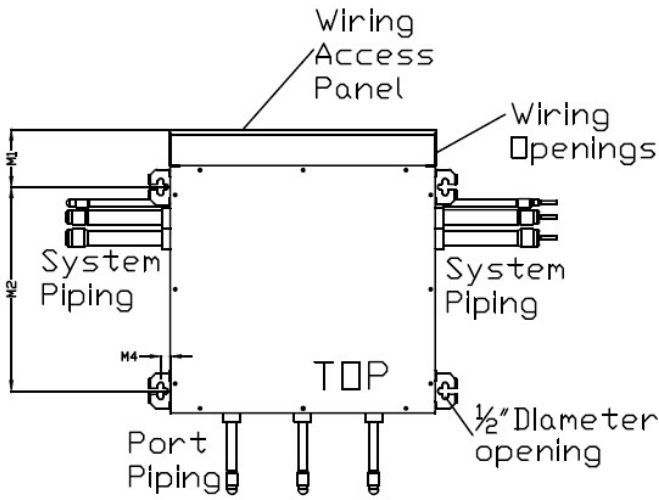
Notes:

- 1.All communication cable to be minimum 18 AWG, 2-conductor, stranded, shielded and must comply with applicable local and national code.
- 2.Kit components must be kept dry and free of debris before installation.
- 3.Must follow installation instructions in the applicable LG installation manual
- 4.Power wiring cable size must comply with the applicable local and national code.
- 5.This unit comes with a dry nitrogen charge.

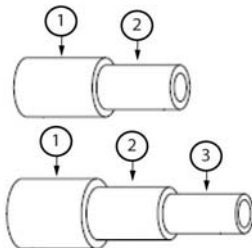
PRHR030A
Multi V™ Sync II Heat Recovery Unit



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| | |
|-----|---------|
| W | 17-3/4" |
| H | 8-5/8" |
| D | 19" |
| L1 | 6-3/4" |
| L2 | 4-1/4" |
| L3 | 9" |
| L4 | 13-3/4" |
| L5 | 8" |
| L6 | 3-1/2" |
| L7 | 5-1/2" |
| L8 | 1-1/4" |
| L9 | 3-1/2" |
| L10 | 5-1/2" |
| L11 | 4-3/4" |
| L12 | 5-3/4" |
| L13 | 7-1/4" |
| M1 | 3-3/4" |
| M2 | 13-5/8" |
| M3 | 1-1/2" |
| M4 | 5/8" |



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