

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

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

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

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

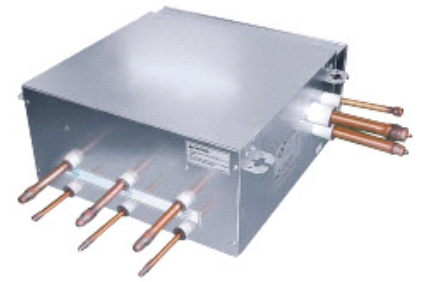
Rep: \_\_\_\_\_  
(Company)

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

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

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

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



**PRHR031A**  
**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.



# PRHR031A

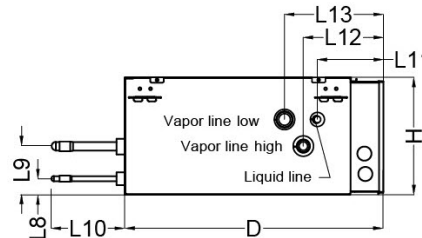
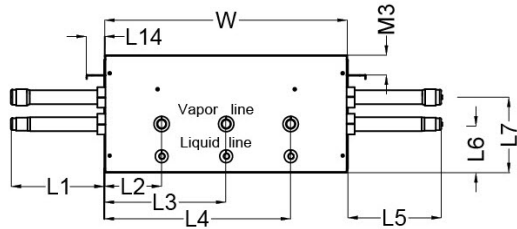
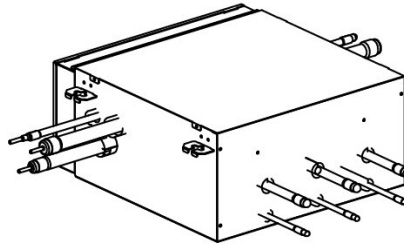
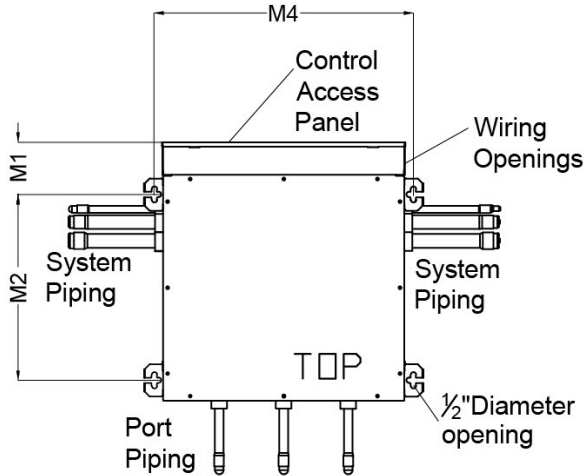
## Multi V™ Heat Recovery Unit



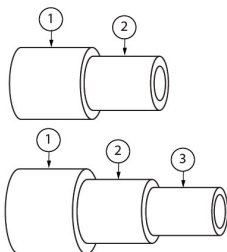
Tag #:

Date:

PO No.:



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	