

Job Name/Location:

Tag No.:

Date:

For:	File	Resubmit
	Approval	Other_____

PO No.:

Architect: _____ GC: _____

Engr: _____ Mech: _____

Rep: _____
(Company) (Project Manager)



PRHR033C

R32 Multi V™ Heat Recovery Unit with Shutoff Valve
 Three (3) Port



Performance:

Maximum Port Capacity Btu/h (each port) ^{1,2}	60,000
Maximum Unit Capacity Btu/h (sum of ports)	180,000
Number of Indoor Unit Ports	3
Max. Connectable Number of Indoor Units	24
Max. Connectable Number of Indoor Units per Branch	8
Power Input ³	
Cooling (W)	49.2
Heating (W)	46.6

Refrigerant Piping:⁴

Port Liquid Line (in., O.D.)	3/8 - 1/4
Port Vapor Line (in., O.D.)	5/8 - 1/2
System Liquid Line (in., O.D.)	1/2
System Vapor Line High (in., O.D.)	7/8
System Vapor Line Low (in., O.D.)	1-1/8
Condensate Line (in., I.D.)	1

Features:

- Allows connected indoor units to be in cooling or heating mode simultaneously.
- Internal components are insulated.
 - External casing insulation is not needed.⁴
 - Condensate drain required.
- Includes high pressure vapor pipe strainer accessory.
- Factory installed indoor unit vapor pipe strainers.
- Series or parallel connection with additional heat recovery units.
- Flexible placement for service access or pipe routing.
- Access panels:
 - Top panel for EEV heads.
 - Rear panel for control access.
 - Bottom panel for refrigerant circuit.
- Includes R32 shutoff valve unit.

Electrical:³

Power Supply (V/Hz/Ø)	208-230/60/1
Rated Amps	0.1

Unit Data:

Refrigerant Type	R32
Refrigerant Control	EEV
Sound Pressure	
Cooling Mode dB(A)	31
Heating Mode dB(A)	31
Simultaneous dB(A)	38
Changeover Cooling to Heating	33
Changeover Heating to Cooling	38
Unit Net Weight (lbs.)	80.2
Unit Shipping Weight (lbs.)	104.7

Notes:

1. Each port can allow up to 8 indoor units with a maximum capacity of 60 MBh per port.
2. Multiple units installed on the same heat recovery port must operate in the same mode. Auto-changeover or Mode override is not possible.
3. Power wiring is field provided, and must comply with the applicable local and national codes.
4. All refrigerant piping requires insulation.
5. Communication cable between Main outdoor units to indoor units/ heat recovery units to be 18 AWG, 2-conductor, twisted, stranded, shielded. Ensure the communication cable shield is properly grounded to the Main outdoor unit chassis only. Ⓞ Do not ground the outdoor unit to indoor units / heat recovery units communication cable at any other point. Wiring must comply with all applicable local and national codes.
6. Kit components must be kept dry and free of debris before installation.
7. This unit comes with a dry nitrogen charge.
8. Must follow installation instructions in the applicable LG installation manual.



