



THE RINNAI COMMON VENT SYSTEM for multiple units.

Fewer Wall or Roof Penetrations.

Installing multiple Rinnai condensing tankless water heaters has never been easier or more flexible. With Rinnai's Common Vent System, commercial contractors can connect as many as eight Rinnai Ultra units together using the same exhaust and intake venting.

The Common Vent System is available as a stand-alone set or as part of Rinnai's Tankless Rack System, which offers a complete, pre-assembled, multi-unit solution.

More Flexible Installation.

As many as seven Rinnai Ultra units can be connected on a combined vent system up to 100 feet in length, saving money and time during installation. Eight units can be connected with up to 41 feet in vent length.

Configurations accommodate either in-line or back-to-back installation, with either horizontal or vertical termination.



Rinnai®

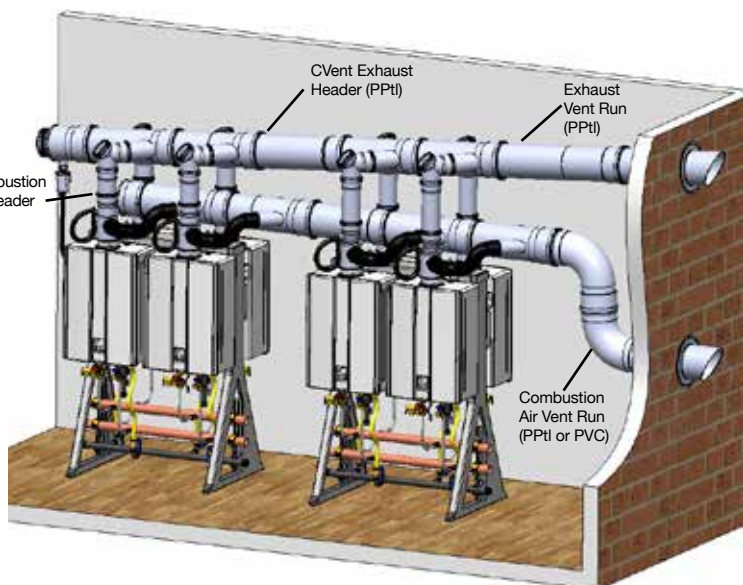
Proven, Certified Construction.

The Common Vent System uses a CSA-certified and tested polypropylene venting system material from Ubbink, the supplier for Rinnai's innovative line of concentric venting. Positive fit-and-lock expansion joints use no glue and protect up to 230° F.

Lives Up to the Industry's Highest Standards – Ours.

Thoroughly tested and fully certified, Rinnai's CVent System not only meets CSA requirements, it also meets the toughest standards imaginable: Rinnai's own criteria for quality, durability, safety and performance.

Advanced features include a precision-made non-return valve to prevent exhaust gases from penetrating non-operating water heaters, avoiding negative impacts on combustion and reliability, as well as joint sockets designed to prevent condensate from gathering in gaps and degrading gaskets.



Back-to-Back Common Vent

An important note on ordering the Common Vent System: Please contact Rinnai (866-383-0707 or email at engineering@rinnai.us) for guidance on sizing and configuring the proper Common Vent Components. Rinnai can provide the Common Vent System with both CVent exhaust venting and SDR41 PVC intake venting, or customers can order only the exhaust venting from Rinnai and then obtain Schedule 40 PVC intake venting in the field.

Benefits at a Glance

- Longer vent runs with fewer terminations as compared to conventional Rinnai concentric venting
- Faster, easier installation
- Up to 8 Rinnai (RU98i units only) on a single vent system
- Up to 100' (2 penetrations/terminations needed for each set of 8 units) vent length for 7 or fewer units (41 feet for 8 units)
- 8-inch diameter exhaust and intake venting
- Polypropylene-tI (PPtI) material for exhaust flue/venting (CVent provided by Rinnai) and combustion air venting
 - PPtI material is not approved for use in Canada
- Schedule 40 PVC certified for intake vent runs
- Available as in-line or back-to-back configurations
- Capable of horizontal or vertical terminations
- Officially CSA tested and certified; approved for use in elevations of up to 2,000 ft
- Accommodates dedicated recirculation loops up to 200' in equivalent length with a ¾" return line

| Exhaust Venting Components | Part No. | Application (8" diameter) |
|----------------------------|----------|---|
| Starter Kit | 790005 | Needed for each in-line or back-to-back CVent system |
| Inline Kit, 1 unit | 790007 | Needed for each water heater in the bank; in-line (or back-to-back configuration if there is an odd number of water heaters); includes both exhaust and combustion air components |
| Back-to-Back Kit, 2 units | 790008 | Needed for each set of two units in a back-to-back configuration; includes both exhaust and combustion air components |
| Roof Termination Kit | 790001 | Includes termination and top vent section |
| Wall Termination Kit | 790004 | Wall termination with stainless steel grate and wall plate (for both exhaust and combustion) |
| CVent Extension (8") | 790020 | 18" length |
| | 790021 | 39" length |
| CVent Elbow (8") | 790022 | 45° bend (includes 2 pieces) |
| | 790023 | 87° bend |

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