

RINNAI COMMON VENT SYSTEM SUBMITTAL SHEET

Job Name:

Location:

Architect/Engineer:

Wholesaler:

Model No.:

Vent Length:

BTU/Hr Input:

Notes:

FEATURES AND BENEFITS

- The Common Venting System provides for longer vent lengths and fewer wall or roof penetrations than conventional single-unit venting. CVent is the exhaust portion and is made by Ubbink, the same supplier for Rinnai's innovative line of concentric venting. CVent utilizes a CSA-certified and tested polypropylene venting material. The various sections are self locking and sealing and can be pushed together without use of cement or glue. CVent can only be used with Rinnai's C199, RUC98 and RU98 Condensing Water Heaters.
- For intake venting, Rinnai's Common Venting System has been certified to use schedule 40 PVC.
- It can be used with up to 8 water heaters with a 41 ft equivalent vent length, but if used with 7 or fewer units, the maximum equivalent vent length extends to 100 ft.
- Advanced features include a precision-made check 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.
- CVent is made of polypropylene (PPtI - for use in U.S. and PPS for Canada) installations.
- Installation is certified only for sea level (0 - 10,200 ft)

OPTIONS

Horizontal Vent Termination
Vertical Vent Termination
In-Line Venting Configuration
Back-to-Back Venting Configuration



Vertical
RUC98
C199



Horizontal
RUC98
C199



Side Wall Intake
Vertical Exhaust
C199 Only*



Room Air Configuration
Vertical Exhaust
C199 Only*

* Exhaust must terminate vertically.



Rinnai America Corporation • 1-800-621-9419 • rinnai.us

©2016 Rinnai America Corporation. Rinnai America Corporation continually updates materials, and as such, content is subject to change without notice. Local, state provincial, federal and national fuel gas codes must be adhered to prior to and upon installation.

Rinnai®

COMMON VENTING KITS AND ACCESSORIES

COMMON VENTING COMPONENTS	IMAGE NUMBER	PART NUMBER	
CVent 90° Elbow (8")	1	790023	
CVent 18" Extension (8")	2	790020	
CVent 39" Extension (8")	2	790021	
CVent 78" Extension (8")	2	790052	
Horizontal Termination Kit	3	790004	
Combustion Air PVC Adapter Kit (2 / Box)	4	780037	
CVent Pitched Roof Moldable Flashing	5	790003	
CVent 8" Exhaust Rain Cap	6	790034	
Vertical Termination Kit	7	790057 (replaces 790001)	
CVent 45° Elbow (8") (2 / Box)	8	790022	
CVent 8" Flat Roof Flashing	9	790002	
CVent 8" Bracket	10	790024	
CVent 8" Intake Rain Cap	11	780053	
CVent 45° Elbow (8") - PPs (2 / Box)	12	791002PPS	Canada Only
CVent 90° Elbow (8") - PPs	13	791003PPS	Canada Only
CVent 39" Extension (8") - PPs	14	791001PPS	Canada Only
CVent 78" Extension (8") - PPs	14	791006PPS	Canada Only
Vertical Termination Kit - PPs	15	7910007PPS	Canada Only

DIRECT VENT 8" COMMON VENT HEADER KITS

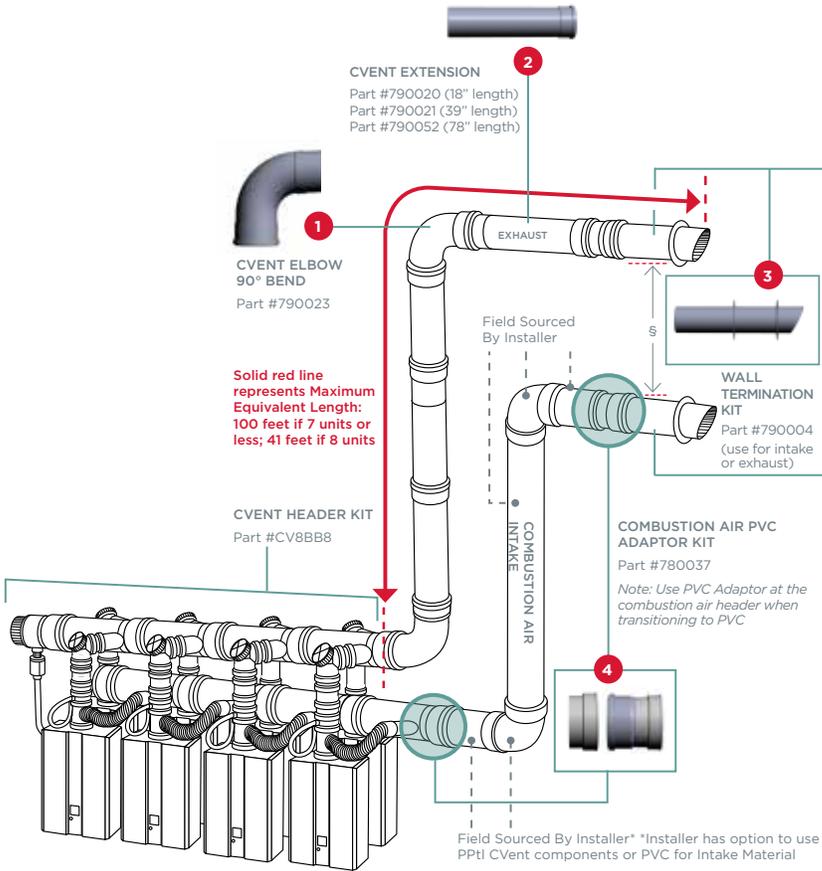
Rack Model Number	U.S. (Pptl)	Canada (PPs)	Description (Intake and Exhaust)	Image	
	Item Number	Item Number			
TRS03	CV8BB3USDV	CV8BB3CADV	8" back-to-back 3 unit header kit		
TRS04	CV8BB4USDV	CV8BB4CADV	8" back-to-back 4 unit header kit		
TRS05	CV8BB5USDV	CV8BB5CADV	8" back-to-back 5 unit header kit		
TRS06	CV8BB6USDV	CV8BB6CADV	8" back-to-back 6 unit header kit		
TRS04 + TRS03	CV8BB7USDV	CV8BB7CADV	8" back-to-back 7 unit header kit		
TRS04 x 2	CV8BB8USDV	CV8BB8CADV	8" back-to-back 8 unit header kit		
TRW03 TRS03ILW	CV8IL3USDV	CV8IL3CADV	8" in-line 3 unit header kit		
TRW02 x 2 TRS02ILW x 2	CV8IL4USDV	CV8IL4CADV	8" in-line 4 unit header kit		
TRW02 + 03 TRS02ILW + 03	CV8IL5USDV	CV8IL5CADV	8" in-line 5 unit header kit		
TRW03 x 2 TRS03ILW x 2	CV8IL6USDV	CV8IL6CADV	8" in-line 6 unit header kit		
TRW03 + 02 + 02 TRS03ILW + 02 + 02	CV8IL7USDV	CV8IL7CADV	8" in-line 7 unit header kit		
TRW03 + 03 + 02 TRS03ILW + 03 + 02	CV8IL8USDV	CV8IL8CADV	8" in-line 8 unit header kit		

Rinnai America Corporation • 1-800-621-9419 • rinnai.us

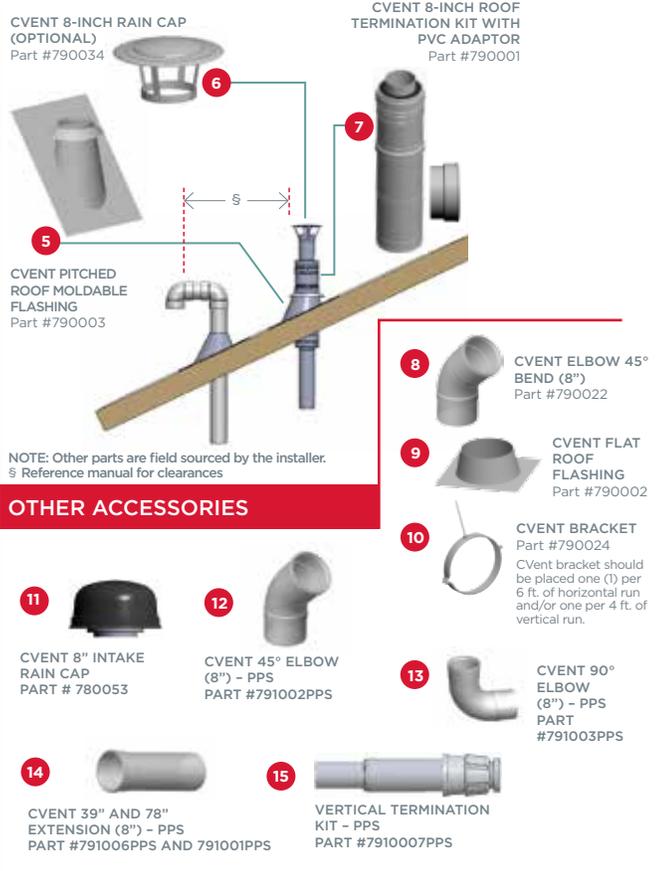
©2016 Rinnai America Corporation. Rinnai America Corporation continually updates materials, and as such, content is subject to change without notice. Local, state provincial, federal and national fuel gas codes must be adhered to prior to and upon installation.

Rinnai[®]

SAMPLE HORIZONTAL TERMINATION ASSEMBLY



SAMPLE ROOF TERMINATION ASSEMBLY



ROOM AIR 8" COMMON VENT HEADER KITS

Rack Model Number	U.S. (PPl)	Canada (PPs)	Description (Exhaust Only)	Image
	Item Number	Item Number		
TRS03	CV8BB3USRA	CV8BB3CARA	8" back-to-back 3 unit header kit	
TRS04	CV8BB4USRA	CV8BB4CARA	8" back-to-back 4 unit header kit	
TRS05	CV8BB5USRA	CV8BB5CARA	8" back-to-back 5 unit header kit	
TRS06	CV8BB6USRA	CV8BB6CARA	8" back-to-back 6 unit header kit	
TRS04 + TRS03	CV8BB7USRA	CV8BB7CARA	8" back-to-back 7 unit header kit	
TRS04 x 2	CV8BB8USRA	CV8BB8CARA	8" back-to-back 8 unit header kit	
TRW03 TRS03ILW	CV8IL3USRA	CV8IL3CARA	8" in-line 3 unit header kit	
TRW02 x 2 TRS02ILW x 2	CV8IL4USRA	CV8IL4CARA	8" in-line 4 unit header kit	
TRW02 + 03 TRS02ILW + 03	CV8IL5USRA	CV8IL5CARA	8" in-line 5 unit header kit	
TRW03 x 2 TRS03ILW x 2	CV8IL6USRA	CV8IL6CARA	8" in-line 6 unit header kit	
TRW03 + 02 + 02 TRS03ILW + 02 + 02	CV8IL7USRA	CV8IL7CARA	8" in-line 7 unit header kit	
TRW03 + 03 + 02 TRS03ILW + 03 + 02	CV8IL8USRA	CV8IL8CARA	8" in-line 8 unit header kit	

Product Sizing Disclaimers

- You must reference the Common Vent Installation Manual before making the final selection of vent components which are applicable to your Installation.
- All intake parts except the intake termination and PVC adaptor are field sourced by the installer and are not provided by Rinnai.
- If spacing between water heaters is GREATER than 20.5" (center line to center line), the installer must purchase a vent extension and cut to the appropriate length. Refer to the manual for further instructions.
- The length of each additional vent extension must be included in the maximum allowable vent length.
- Maximum equivalent length cannot exceed 100 ft for 7 units or less or 41 ft for 8 units.
- For water heater quantities outside the scope of this document, please contact Rinnai Applications Engineering Department.
- Cvent is not approved for use in Canada.

Cvent elbows equivalent lengths:

45° = 3 ft, 90° = 6 ft

