

Type B Gas Vent Frequently Asked Questions - *updated 04-07-2022*

1. What is the clearance for BW Oval?

Clearance is 1" or as determined by using the Ceiling Plate Spacer and the Firestop Spacer.

2. Can I put screws in Type B Gas Vent?

Yes, if desired, but DO NOT PUNCTURE THE INNER LINER! From 3" through 8", the screw should be located approximately 1/4" from overlapped edge and must be a maximum 1/4" in length so they do not pierce or deform the inner liner. On diameters of 10" through 30" the screw must be a maximum of 1/2" in length so they do not pierce or deform the inner liner.

3. Can Type B Gas Vent terminate horizontally on a wall?

No, only Cat III 1738 and ULC-S636 approved systems can terminate on a side wall.

4. What flashing do I use for pitches over 7/12?

An Adjustable Steep Roof Flashing for roof pitch of 6/12 to 12/12.

5. Which support do I use: round or square support?

A variety of supports are available: Support Assembly and the Quick Grip Firestop Support are used on top of the ceiling joist; the Round Bucket Support is installed at the ceiling level. The Band Collar is clamped securely to the pipe and the pipe lowered into the Bucket Support so the Band Collar sits firmly inside of the Bucket Support.

6. What is the inner liner made of?

Diameters 3" to 8" - .012" thick aluminum; Diameters 10" to 18" - .014" thick aluminum; Diameters 20" to 30" - .023" thick aluminum

7. Is Oval Type B Gas Vent UL listed in 2 x 4 wall?

Yes, 4" and 5" is approved centered in a 2x4 wall space; 6" is for 2x6 walls only. When oval vent is installed in a stud wall, the Firestop Spacer must be used. When connected to a wall furnace, the Hold Down Plate, Ceiling Plate Spacer and Firestop Spacer must be used.

8. Can I common vent 2 gas fireplaces?

No. Common vent tables only cover furnace or water heater common venting.

9. Is this L-Vent?

No, L-Vent needs stainless steel inner liner.

10. Can I use Type B Gas Vent on an oil furnace?

No. Oil requires stainless steel inner liner.

11. How often do I support the pipe?

Support every 5' for diameters 3" through 8" and every other floors for diameters 10" through 30". Use a Wall Support Band, Support Plate, Quick Grip or Round Bucket Support. Support components can support 30' – 35'; see individual supports for exact amount. Vertical runs must have firestops and stability every 8' – 10' and need only be supported near the bottom. Provide lateral support at least every 5'. All gas vents extending above the roof more than 5' must be securely braced. Use a Wall Support Band, Support Plate, Quick Grip or Round Bucket Support.

12. Is a draft hood connector needed?

Some water heaters require one; it is optional for furnaces or gas fireplaces. A Draft Hood is available from 3" to 18".

13. What is the maximum temperature?

400°F (205°C) + AMB (room temperature) to a maximum of 470°F (245°C) operating temperature.

14. Does horizontal venting require an upward pitch?

A ¼ inch per foot minimum pitch is required to vent horizontally. No downward dips or sags are allowed.

15. Is there a firestop plate?

Yes, it is called the Firestop Spacer, and is required at every floor/ceiling level penetrated.

16. What is minimum termination height?

There is a 1' minimum for up to 7/12 roof pitch. See Table 1 in the instructions if over 7/12.

17. Is the Male & Female Adapter UL Listed for use with other UL Listed Type B Gas Vents?

Yes. It is listed for use with most UL listed competitors Type B Gas Vents.

18. How do I size my appliance?

For (2) or more appliances, use the sizing handbook or the tables found in the National Fuel Gas Code NFPA 54 and the Canadian Fuel Gas Installation Code CSA-B149.1.00.

19. How do I order a reduction tee?

Specify main body and branch size to Customer Service.

20. What is the overlap of pipe?

You must deduct 1 ½" overlap per connection for 3" through 8" and 1" for 10" through 30" per end of pipe.

21. What flashing do I use for flat roof?

Tall cone flashing is for flat (0/12) roof pitch.