PelletVent is a venting system for stoves and inserts that use wood pellets or oil fuel. PelletVent is UL listed for 1" clearance to combustibles in the USA. Its double-wall, air-insulated design offers superior performance. PelletVent seams are factory-sealed on all elbows, tees, and fittings.

Since the introduction of pellet stoves in the 1980’s, DuraVent is recognized as the industry leader in venting systems for pellet stoves. Today, approximately 3 of every 4 pellet stoves in the US are vented with a DuraVent pellet system. Not approved for use in Canada.

The following design recommendations are intended only as a general guideline to assist in the design and selection of venting components for your installation. Always read and follow DuraVent Installation instructions before installing your chimney system (found with the cap or support box). Installation instructions can be viewed online at www.duravent.com, under Catalogs and Instructions.

- Size the vent to meet the appliance manufacturer’s specifications.
- Avoid long runs and excessive use of elbows. Refer to the appliance manufacturer for minimum rise and maximum run configurations for the venting system.
- Use an Appliance Adapter to ensure a proper connection to the appliance. Seal adapter to appliance with high temperature sealant.
- Use a Single Tee with Clean-Out Tee Cap to facilitate easy cleaning. It is recommended to use a tee off the back of an appliance.
- In the United States and Canada, maintain the minimum 1" clearance (air space) from vent pipe to combustibles. Use proper support and bracing. Follow local building codes and have your venting system inspected. Be fire safe!

Both 3" and 4" diameter kits include:
- Round Horizontal Cap
- 90° Elbow, Tee with Clean-out Cap
- Wall Strap
- Five (5) 12" Pipe Lengths
- Appliance Adapter
- Wall Thimble

Note: 4" Kit includes a 3"-4" Appliance Adapter/Increaser

Additional pipe may be needed

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ITEM 3ӯ 4ӯ PRICE QTY TOTAL
PelletVent®

PelletVent® Quick And Easy Installation

The following is a brief overview of a typical installation. Detailed installation instructions can be found at www.duravent.com.

1. Locate appliance and penetration through wall.
2. Cut and frame wall penetration.
3. Apply high temperature silicone sealant to the appliance outlet.
4. Slide appliance adapter onto the appliance outlet and secure with at least one screw.
5. Slide outside portion of the wall thimble into the framing. Level and attach to wall.
6. Level and attach inside portion of the wall thimble to the wall.
7. Slide pipe through the wall thimble and attach to the appliance adapter on the stove collar.
8. Attach tee and vertical pipe with elbow at the top.
9. Plumb pipe and secure pipe to the wall with wall strap.
10. Attach horizontal cap to the top elbow.

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Your Installation

Step 1.
Before the Typical PelletVent Installations diagram, on the opposite page, is a handy visual overview of the basic steps for PelletVent installations and the required component parts.

Step 2.
For a horizontal termination, you will need a Wall Thimble and the appliance adapter, which are normally installed with a 6" clearance to the outside wall (refer to appliance manufacturer's installation instructions for other clearances).

Step 3.
For a vertical termination, you will need a Cathedral Ceiling Support Box or Flat Ceiling Support, Attic Insulation Shield (if passing through an attic), Flashing, Storm Collar, and Vertical Cap.

Step 4.
Determine the length of PelletVent pipe required. For a vertical termination, measure the pitch of the roof and select the proper flashing (12°). The required approximate angle above the ridgeline is 12°.

Step 5.
Pellet stove inserts using flat flues will require a flexible pipe to make the vent pass the smoke shelf. For transition from PelletVent to existing DuraPlus, DuraPlus HTC, or DuraTech Chimney, a Chimney Adapter is available.

Step 6.
For vertical rise of PelletVent on the outside of the house, Wall Straps should be used at 4' intervals to provide proper support.

Step 7.
Important! Check to be sure that the appliance and the venting system are in compliance with all setback, clearances, wind, and external regulations.