**Plan Your Chimney**

**Step 1.** Be fire safe! Maintain the minimum and maximum vertical rise, maximum horizontal run, etc. Also, check for any venting restrictions (i.e. horizontal, vertical, chimney reline, etc.).

**Step 2.** Refer to our Typical Venting Installation instructions to confirm which types of vent configurations are permitted for PelletVent Pro installations and the required component parts.

**Step 3.** Determine the length of PelletVent Pro pipe required. For a vertical termination, you will need a Cathedral Ceiling Support (or Attic), Flashing, Storm Collar, and Vertical Cap.

**Step 4.** For a horizontal termination, you will need a Wall Thimble and a Wall Channel (attic), Flashing, Storm Collar, and Vertical Cap.

**Step 5.** Flashing and Storm Collar are available.

**Step 6.** For vertical rise of PelletVent Pro on the outside of the house, Wall Thimble and a Wall Channel (attic), Flashing, Storm Collar, and Vertical Cap are available.

**Step 7.** Straps should be used at 4' intervals to provide proper support.

**Step 8.** You will also need a DuraVent's Flex to snake the vent past the smoke shelf. For transition from PelletVent Pro to an existing DuraPlus, DuraPlus HTC, or DuraTech Chimney, a Chimney Adapter is available.

**Step 9.** The required minimum height above the roof is 12".

**Step 10.** The inner pipe diameter should match the outlet size of the appliance. For installations that require 4” vent and the appliance has a 3” outlet, Pellet stove inserts in masonry fireplaces will require a flex pipe to enable the use of conditioned air for combustion. The appliance and the venting system are in compliance with all minimum clearance to combustible materials. Important! Check local codes for the gap between venting and other combustible materials that require 4” venting. Outside air is drawn through the wall thimbles baffles, helping it pre-heat as it comes in contact with the hot Pellet stove. It improves the efficiency of central heating systems by eliminating the use of conditioned air for combustion. The air is preheated as it travels down to the pellet stove.

**How It Works**

Outside air is drawn through the wall thimbles baffles, helping it pre-heat as it comes in contact with the hot Pellet stove. It improves the efficiency of central heating systems by eliminating the use of conditioned air for combustion. The air is preheated as it travels down to the pellet stove, delivering fresh combustion air.

**Combustion Air Systems**

DuraVent’s patented Combustion Air System (CAS) is the ultimate solution for supplying outdoor air as combustion air. Considered a direct vent for pellet appliances, the CAS wall unit combines with air channel directly suitable air to the pellet stove. It improves the efficiency of central heating systems by eliminating the use of conditioned air for combustion. The air is preheated as it travels down to the pellet stove, delivering fresh combustion air.

**Contact**

DuraVent prides itself on providing the best customer service and technical support in the industry.

Our Customer Support Team is available to answer technical questions.

Monday – Friday
5:30am – 4pm PST | 8:30am – 7pm EST

Tel: 800-835-4429
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**PelletVent Pro**

**Applications**
PelletVent Pro is a venting system designed for stoves and inserts that use wood pellets and pellets. It is built to vent biofuel products such as coffee husks, sunflower hulls, walnut shells, and wheat, to name a few.  (Tested for continuous use without temperatures exceeding 670°F.)

**Materials and Construction**
- Laser-welded, double-wall pipe with .012" thick exterior and a .018" thick inner wall of 444 stainless steel and a .012" laser-welded gusseted inner wall. Painted black exterior available. Primary metal-to-metal connections offer superior performance. 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 and Canada are vented with a DuraVent pellet system.

**Clearances**
- 1” clearance to combustibles in the USA and Canada. Double-wall, all-enameled insulated design ensures safety and durability. Superior performance. Seams 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 and Canada are vented with a DuraVent pellet system.

**Diameters**
- 3” & 4” diameters available. Black, galvanized, red, and aluminum finishes.

**Product List**

### DuraVent Box Kit - Flat Ceiling
- Includes: faceplate with screen, moisture barrier, aluminum flex, and two clamps.

### Fresh Air Intake Kit
- Allows fresh air into an existing pellet stove installation. Kit includes: 3”-4” Appliance Adapter/Increaser, Adjustable Flashing, and Appliance Adapter. Pipe lengths not included. 4” Kit includes a 3”-4” Appliance Adapter/Increaser, Adjustable Flashing, and Appliance Adapter. Pipe lengths not included.

### Vertical Kit - Cathedral Ceiling
- Includes: 3”-4” Appliance Adapter/Increaser, Adjustable Flashing, and Appliance Adapter. Pipe lengths not included. 4” Kit includes a 3”-4” Appliance Adapter/Increaser, Adjustable Flashing, and Appliance Adapter. Pipe lengths not included.

### Vertical Kit - Flat Ceiling
- Includes: 3”-4” Appliance Adapter/Increaser, Adjustable Flashing, and Appliance Adapter. Pipe lengths not included. 4” Kit includes a 3”-4” Appliance Adapter/Increaser, Adjustable Flashing, and Appliance Adapter. Pipe lengths not included.

### Connectors & Adapters

**Adhesive Wall Support**
- Provides 1” clearance to combustibles. Use to support tee sections or as a wall strap. Adjusts to provide 1” clearance.

**Adjustable Wall Support**
- Use to support tee sections or as a wall strap. Provides 1” clearance.

**Clean-Out Tee Cap**
- Use to provide clean-out access. Removable twist-lock Clean-Out Tee Cap.

**Double Tee w/Clean-Out Tee Cap**
- Converts a 3” appliance to a 4” system. Removable twist-lock Clean-Out Tee Cap.

**Adapter Tee w/Clean-Out Tee Cap**
- Use for a 90° offset. Attaches directly to appliance as an adapter. Connection of 4” vent to 3” appliance outlet.

**Single Tee with Clean-Out Tee Cap**
- Use to offset pipe diagonally or horizontally.

**45° / 90° Elbow**
- Use to offset pipe diagonally or horizontally.

**Quick Release Appliance Adapter**
- Use to attach to appliance outlet allowing for easy pipe connection or disconnect. Connection of 4” vent to 3” appliance outlet.

**Prairie Termination Cap**
- Allows transition from 3” to 4” pipe sections. Not a decreaser.

**Thimble Cover to fit 3” or 4” pipe.**
- Requires when pipe terminates above roofline.

**Roof Flashing**
- Maintains a weather tight resistant seal between the pipe and flashing.

**Storm Collar**
- Use to weather proof the penetration of chimney pipe through air channel in wall thimble to appliance without a disconnect.

**Attic Insulation Shield**
- Provides 1” clearance to combustibles. Use to protect exterior of structure from blower discharge in attics. Trim & clamp included.

**Rope Weatherproofing**
- Required when pipe passes through piercing in an attic. Insert allows pipe to pass through attics without a disconnect.

**Wall Strap Extension**
- Use to support tee sections or as a wall strap. Adjusts to provide 1” clearance.

**Cathedral Ceiling Support Box**
- Use to support pipe with flat ceilings or sloped cathedral ceilings. Trim & clamp included.

**Ceiling Support Firestop Spacer - 3” Clearance**
- Use to terminate system. Required for installations that pass through an attic to prevent insulation and debris from accumulating near the vent.

**Wall Thimble**
- Replacement Clean-Out Tee Cap for use with Tees.

**Prairie Box**
- Use to increase an insert’s 2” air inlet to connect to 3” appliance. 2” x 3” x 14”.

**Flexible Transition Fitting**
- Use to connect PelletVent Pro to a masonry chimney. Exterior must be made of firebrick and refractory material. 60” flex section. Allows for a 90° offset.

**Flex Trim Collar**
- Use only inside a masonry chimney. 60” flex section. Allows for a 90° offset.

**Use to connect PelletVent Pro rigid pipe to a masonry chimney. Exterior must be made of firebrick and refractory material. 60” flex section. Allows for a 90° offset.**

**Flex Snap Cap**
- Use only inside a masonry chimney. 60” flex section. Allows for a 90° offset.

**Use to connect PelletVent Pro rigid pipe to a masonry chimney. Exterior must be made of firebrick and refractory material. 60” flex section. Allows for a 90° offset.**

**Removeable Twist Lock Cap**
- Use to weather-proof the penetration of chimney pipe through existing pipe through a wall. Tightened as needed to disconnect and connect the vent to the appliance outlet. Hose clamp can be loosened and tightened as needed to disconnect and connect the vent to the appliance outlet.

**Double Y w/Clean-Out Tee Cap**
- Use to add 3” branch to increase to 4” body and provides easy clean-out access. Removable twist-lock Clean-Out Tee Cap.

**3” to 4” Increaser**
- Use to increase 3” branch to 4” body and provides easy clean-out access. Removable twist-lock Clean-Out Tee Cap.

**Clean-Out Tee Cap**
- Use to provide clean-out access. Removable twist-lock Clean-Out Tee Cap.

**Square Horizontal Cap**
- Use to direct exhaust output. Designed to create a venturi effect to increase exhaust velocity. Required when pipe terminates above roofline.

**Square Vertical Cap**
- Use to offset pipe diagonally or horizontally.

**Square 45° Elbow**
- Use to offset pipe diagonally or horizontally.

**Square 90° Elbow**
- Use to offset pipe diagonally or horizontally.

**4” x 2” x 16” Insulation Shell**
- Use to protect exterior of structure from blower discharge in attics. Trim & clamp included.