**How To Plan Your Chimney Installation**

**Step 1.** Determine the minimum chimney height above the roof line.

**Step 2.** Measure the diameter of the appliance flue outlet. Select the appropriate flashing.

**Step 3.** Determine the total length of chimney and stovepipe required for the installation. To calculate the installed per length of 6”-8” DuraBlack chimney pipe, subtract 1 1/2” per joint. Subtract 1 1/4” per joint of DVL stovepipe.

**Step 4.** If an elbow or tee is used when a chimney passes through a floor or ceiling, an Attic Insulation Shield is required in addition to the chimney pipe. If chimney is enclosed in a chase in the attic space, an Attic Insulation Shield is required. If chimney is enclosed in a chase in the wall, an Attic Insulation Shield is not required.

**Step 5.** Measure the roof pitch. For example, a 6/12 pitch has a vertical rise of 6” over a horizontal distance of 12”.

How It Works

The chimney system allows your stove or fireplace to exhaust flue gases while a draft creates the draw that pulls fresh combustion air into the stove. A well-balanced system provides an even, hot draft when it has good draft. The draft suction keeps smoke from coming into the room. Insulation in the chimney pipe is important because it helps keep the exhaust hot until it is expelled outside. Heat in the chimney makes draft, which pulls in more combustion air. This creates a hotter fire, delivering more heat to the chimney and resulting in more draft. The size of the flue is important for the system to work efficiently. The appliance manufacturers installation instructions will indicate how to size the flue to match the stove flue collar.

Chimney pipe with an adapter. It is not insulated and interior pipe that transitions from the stove to the insulated pipe that is rated to pass through walls and ceilings. In addition to the chimney pipe, supports to hold the system in place and shields to protect areas from combusting are needed for the system.

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Contact

Professional Technical Help

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

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