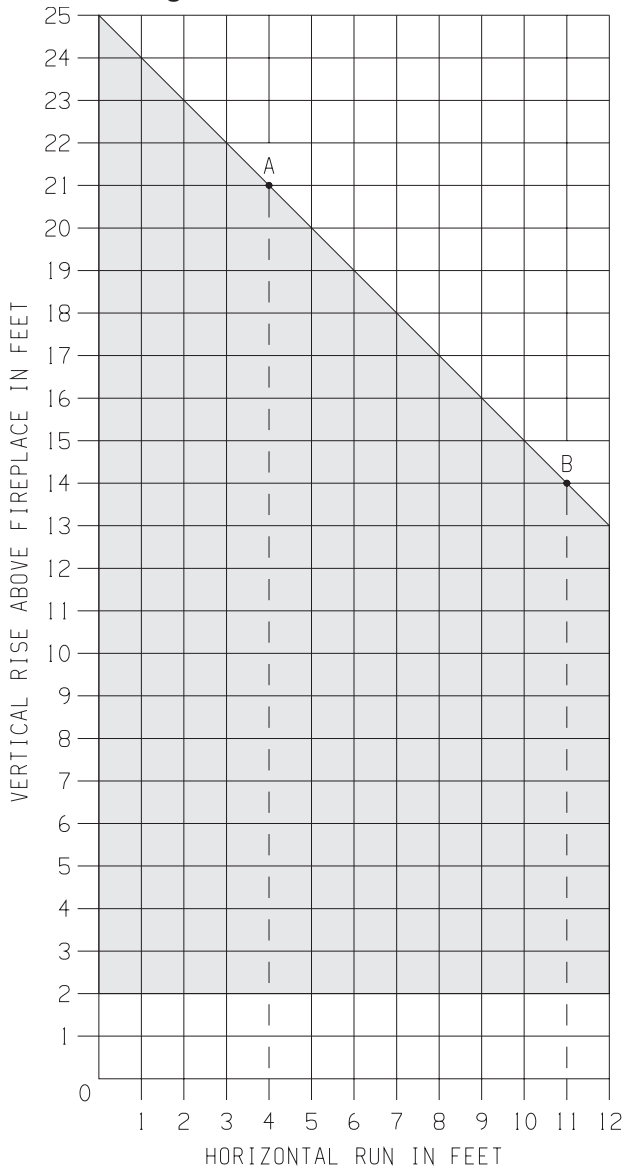


CLASSIC CAST IRON DIRECT-VENT STOVE MODEL CIDV-30 VENTING GRAPH

Venting Graph (Dimensions in Feet)

1. Determine the height of the center of the termination. Using this dimension on the Venting Graph, locate the point it intersects with the slanted graph line, or the right edge of the graph.
2. From the point of this intersection, draw a vertical line to the bottom of the graph.
3. Adjust the indicated maximum dimension for additional elbows if necessary.
4. Position the unit so that maximum horizontal run is not exceeded.

Venting Must Be Within Shaded Area



The following vent systems are acceptable for use with The Cast Iron Direct Vent Fireplaces:

Simpson Dura-Vent® GS 4" - 6 5/8"

Selkirk Direct-Temp® 4" - 6 5/8"

Venting Requirements

Minimum vertical rise from appliance outlet = 24 inches (610mm).

Attention: All vent runs must have a minimum VERTICAL rise of two feet. If the vent run is directly behind the appliance, you must attach 36" Simpson Dura-Vent SD-981 or the Selkirk 4DT-ST36 on the exterior of the building.

Maximum vertical rise from appliance outlet = 25 feet (7.62m), the restrictor plate may be used above 10 feet.

Maximum horizontal run from appliance outlet = 12 feet (3.66m).

Maximum vertical rise and horizontal run is a combined total of 25 feet (7.62m).

Maximum elbows = (2) 90°, for the second elbow subtract 5 feet from a horizontal run.

To Use the Vent Graph

EXAMPLE A:

If the vertical rise from the appliance outlet is 21 feet, the horizontal run to the outer wall flange of the vent termination must not exceed 4 feet with (1) 90° elbow.

EXAMPLE B:

If the vertical rise from the appliance outlet is 14 feet, the horizontal run to the outer wall flange of the vent termination must not exceed 11 feet with (1) 90° elbow.

SPECIAL NOTE: For each 45 degree elbow installed in the horizontal run, the length of the horizontal run **MUST** be reduced by 18 inches (45cm). This does not apply if the 45 degree elbows are installed on the vertical rise of the vent system.

Example: According to the chart the maximum horizontal run is 12 feet and if two 45 degree elbows are required in the horizontal run it must be reduced to 9 feet.

The maximum number of 45 degree elbows permitted per side wall installation is two. These elbows can be installed in either the vertical rise or horizontal run.

ATTENTION: All vent runs must have a minimum VERTICAL rise of two feet. If the vent is to run horizontally from appliance without two feet of vertical rise, you must attach Simpson Dura-Vent 36" snorkel part number SD981 or the Selkirk 4DT-ST36 on the exterior of the building

