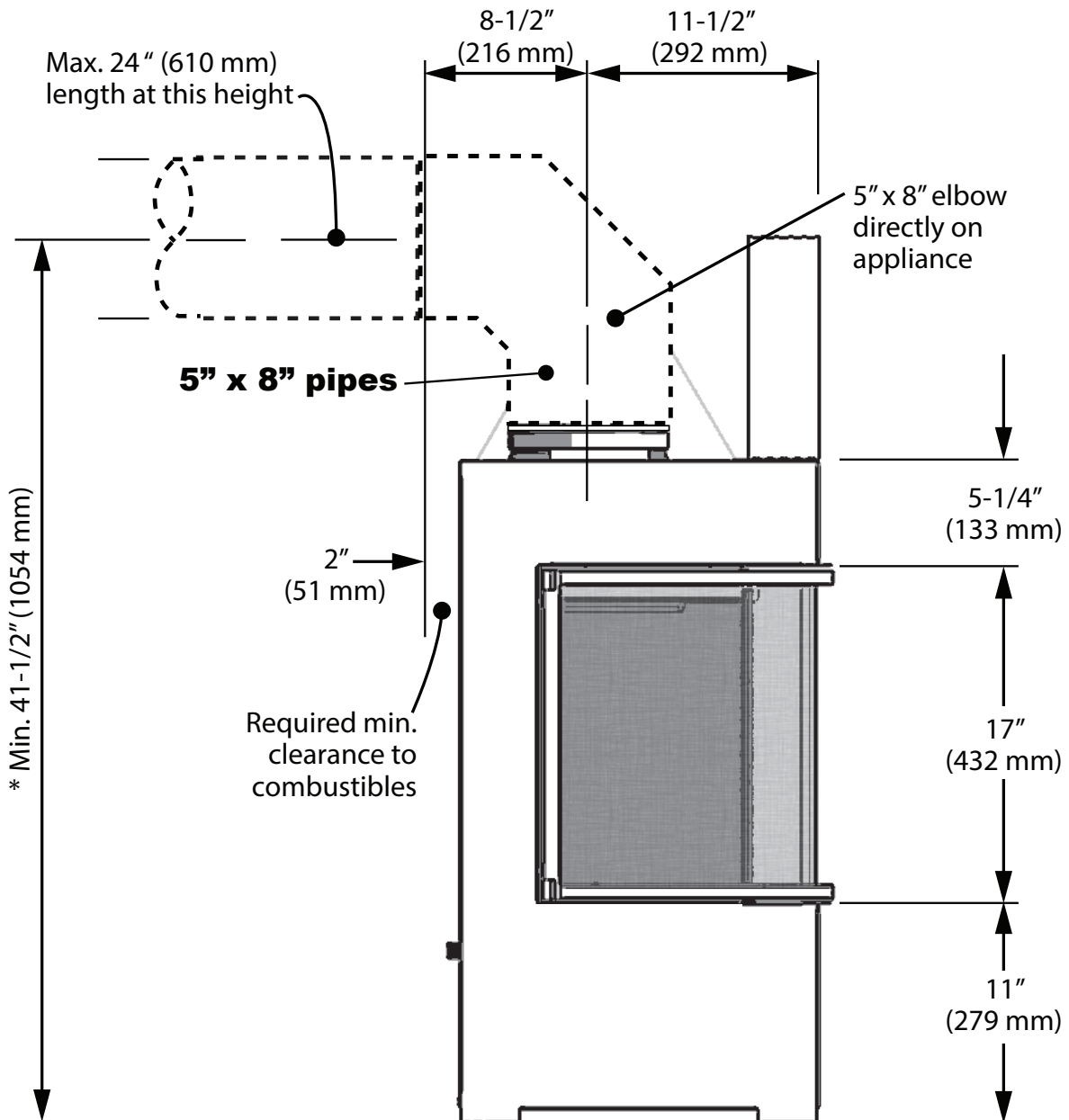


Venting—Co-Axial, 5 x 8"

* This is the minimum vent height when using 8-inch venting. If calculating the vent height using additional vent lengths, subtract approximately 1-1/2 inch for each pipe joint. For example, an additional 12-inch pipe section will add approximately 10-1/2 inches overall to this dimension.



Venting—Co-Axial, 5 x 8"

Venting Chart with 5" x 8" pipes

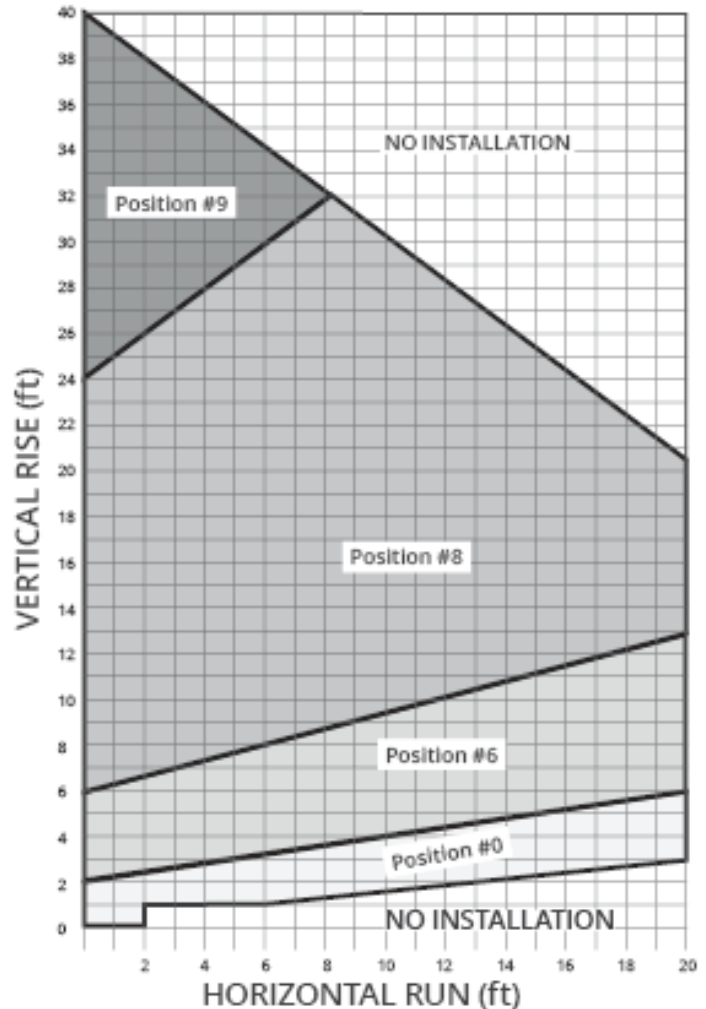
How to Read the Venting Chart

The chart below applies to co-axial roof or wall termination.

1. Maximum 24 inch horizontal pipe section allowed when using a 90 degrees elbow directly at the appliance.
2. The total length of the vent pipe cannot exceed 40 feet.
3. The minimum vertical height with roof termination is 6 feet.
4. Any combination of rise and run can be used as long as they are within the allowable limits shown on the chart below.
5. A maximum of 4 x 90 degrees elbows—or equivalent (2 x 45 degrees = 90 degrees)—can be used.
6. Each 90 degrees elbow installed on the horizontal plane is equivalent to a 3 feet horizontal pipe; therefore, 3 feet must be subtracted from allowable horizontal run. (45 degrees elbow is equivalent to 18 inches horizontal pipe.)
7. All horizontal pipe runs must be graded 1/4 inch per foot upwards in the direction of the exhaust flow. The final pipe length, when terminating through the wall may be graded downwards slightly to prevent water migration.
8. A restrictor adjustment is required for most installations having a vertical rise—see fireplace's installation manual.

Note: The restrictors are shipped installed at the exhaust exit of the firebox.

Allowable Co-Axial Vent Configurations with restrictor positions — with 5" x 8" pipes



Valor[®] LX2 All

Dec 2022

3/3

Venting—Co-Axial, 5 x 8"

4 x 90° ELBOWS MAXIMUM
(or equivalent)

