H3 1000J

New Construction Applications - Framing

Between underside of header and base of heater. Depending of backing plate used, taller cavity may need to be used. See note below. Increase cavity height accordingly.

26-5/8” between underside of non-combustible board and base of heater.

1/2” thick non-combustible board required above engine (not supplied).

NOTE: This unit requires a solid platform to support it. Combustible framing allowed beneath fireplace.

A hearth is not required. However, if installing a hearth, consider the following:

3-sided backing plates are flush with hearth;
4-sided backing plate position 1/4” below bottom of appliance.
**New Construction Applications - Framing**

**Framing with Partial Shelf—Top Outlet**

- **Approx. 5” [127 mm] from back surface of wall finish to front surface of appliance case w/no vent offset**
- **Min. 1” [25 mm] clearance to combustibles around vertical vent pipe**
- **1/2” [13 mm] thick non-combustible board**

**Vertical Takeoff**

- **1/2” [13 mm] thick non-combustible board**
- **Approx. 49-7/8” [1270 mm], with 12” vent pipe**
- **Approx. 39-3/8” [1000 mm]**

**Horizontal Takeoff**

- **12” pipe section**
- **1” [25 mm] stand-off**
- **10-1/2” [267 mm] approx.**

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**Notes—ALL venting considerations**

- Dimensions of venting are based on using Dura-Vent elbows. Elbow curve radius dimensions will vary when using other brands. In general, other brands have slightly bigger radius.

- 3 inches clearance to combustibles required above horizontal pipe. Slope horizontal pipe upwards ¼ inch per foot. 1 inch clearance required around sides and bottom of horizontal pipe and around vertical pipe.

- When calculating other effective pipe lengths subtract approximately 1-1/2 inches per pipe joint - for example, adding a 12-inch pipe section will add approximately 10-1/2 inches overall.