

## Framing Dimensions

**Note: If using optional LDK Duct Kit, refer to LDK instructions packed with kits as framing is affected.**

NOTE: This unit requires a solid platform to support it. Combustible framing allowed beneath fireplace. Please note that any shims used underneath to raise the heater should be set back 1/2" behind front face of framing otherwise top face of shims may be visible.

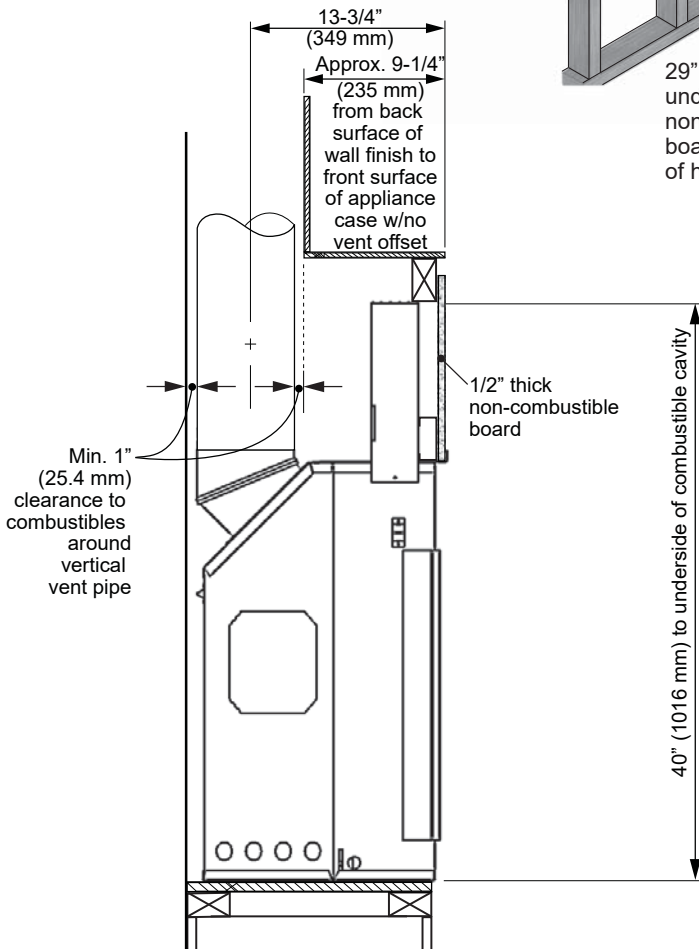
1/2" thick non-combustible board required above engine (not supplied).

Between underside of header and base of heater. Base of heater must be at finished hearth height. Increase cavity height accordingly.

29" between underside of non-combustible board and base of heater

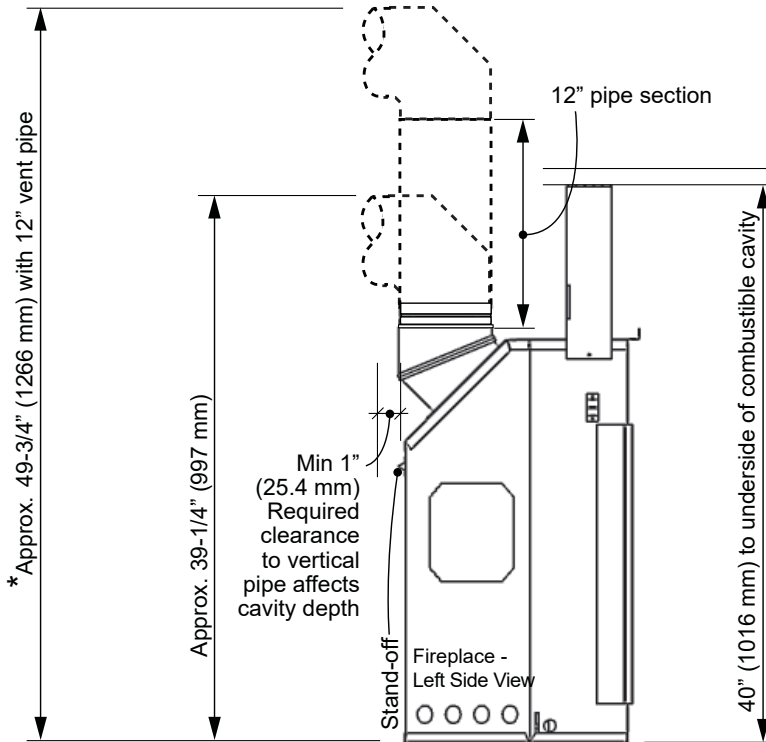
Any surface directly in front of the unit which is at a height of less than 4" from the bottom of the unit must be non-combustible.

- \* - Rear Vent: 16-1/2"
- Top Vent: 17-1/2", 20"
- when using LDK**
- May be reduced by thickness of additional non-combustible wall finish applied on top of 1/2" non-combustible board when using trims other than the 1130 Fixed Frame **except when using LDK w/top vent**



## Framing with Partial Shelf—Top Outlet

## Venting Considerations—Vertical Takeoff



### \*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 1/4 inch per foot. 1 inch clearance required around sides and bottom of horizontal pipe and around vertical pipe.
- When calculating effective pipe lengths subtract approximately 1-1/2 inch for pipe joint - for example, a 12 inches pipe section will add approximately 10-1/2 inches overall.

## Venting Considerations—Horizontal Takeoff

