

This bulletin is in response to the sidewall vent terminations restrictions enacted by the Government of Alberta in Canada. These restrictions state that:

- A vent from a category III or category IV appliance or an appliance with a special venting system exceeding 35,000 Btuh shall not extend through an exterior wall and terminate adjacent to the exterior wall unless there is a minimum unobstructed distance of 4 ft.(1.2m) or greater from the foundation to the property line.
- A vent from a Category III or Category IV appliance or an appliance with a special venting system exceeding 35,000 Btuh that terminates into a side yard which measures not less than 4 ft.(1.2m) from the foundation wall to property line, shall have a means of redirecting the vent plume with a certified fitting such as a "T", a 90 degree elbow, or termination acceptable to the Authority Having Jurisdiction, installed in accordance to the manufacturer's installation instructions.
- Distances greater than 8 ft.(2.4m) will have no restriction.
- In an alcove installation the depth of the vent termination FROM THE EXTERIOR FACE cannot exceed the separation between the two opposing walls.

Rinnai has developed the termination diverter kit to redirect the vent plume to the side (left or right). The diverter kits are available for condensing and non condensing water heaters and condensing boilers.

General Recommendations

- Avoid upward or downward terminations.
- Avoid termination location near a dryer vent.
- Avoid termination locations near commercial cooking exhaust.

Recommended Venting Clearances

These clearances are to supplement the clearances specified in ANSI Z223.1 which are currently in the FFU (indoor) manual. They apply to all water heater models. Local codes supersede these recommendations.

