

Hello Everyone,

This month, I'd like to focus on vent-free burner installation and the importance of maintaining proper clearance from combustible surfaces.

When installing a vent-free burner system, it's critical to follow the installation manual and any local code requirements to ensure safe operation. Vent-free systems demand closer attention to surrounding combustible surfaces.

Below, you'll find an overview of the combustible clearance requirements to keep in mind during installation.

Key Combustible Clearance Requirements:

- 6" from the fireplace opening to sidewalls. (Fig. 6-1)
- 42" from the fireplace opening to the ceiling. (Fig. 6-1)
- 12" of non-combustable material between the front of fireplace and combustible flooring if system is at floor level or less than 6".
- There must always be non-combustable or heat resistance material immediately above the fireplace opening. Heat resistance materials (i.e., marble or slate) must be at least 5/8" thick. Sheet metal should not be installed onto combustible materials. (Fig. 7-1 & 7-2)
- For wooden mantel, shelf or other combustible projection above the fireplace, follow the information below in Fig. 7-1 & 7-2.

Proper installation not only protects the home but also extends the life and performance of the vent-free system.

If you have any questions or need help interpreting a specific clearance requirement, don't hesitate to reach out.

