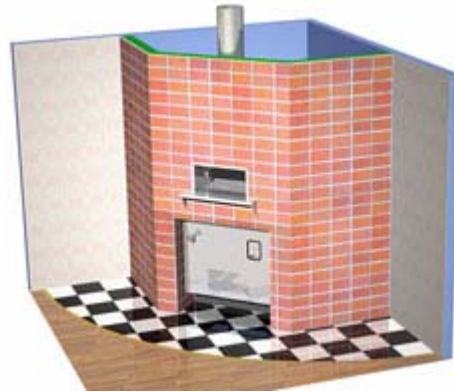


Finishing Your Oven: A Facade Tutorial

Variation: Mt. Chuckanut 4'

These illustrations refer to a façade on a Mt. Chuckanut 4' gas/gas (RFG-IR) oven. Keep in mind as you read through this tutorial that we make Facade Extensions that can make much of this installation process easier. Be sure to view our Facade Extension page for details.



Step 1. The Base Oven

Figure 1.1 represents a standard WS-MS-4-RFG-IR oven. Specs for additional sizes are available in our on-line Product Catalog and CAD Symbols in our CAD Library.

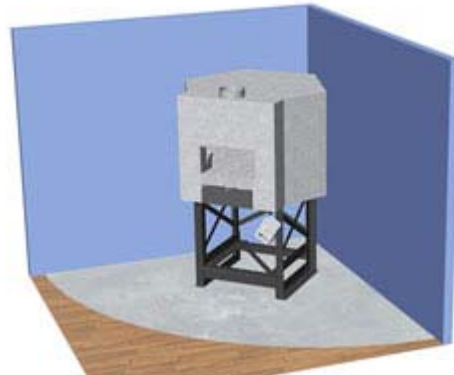


Figure 1.1

Figure 1.2

Mount the **Service Panel**, **Toe Kick** and optional **Mantle** per the instructions in the installation manual.

Please note the location of the **Toe Kick**, it ships unattached and is installed at a small offset from the **Service Panel** to maintain room for combustion air.

Note: The Service Panel must remain removable for access to the under part of the oven.

Connect the **Flue** to the oven's flue collar. Please note this flue must be a "grease duct".

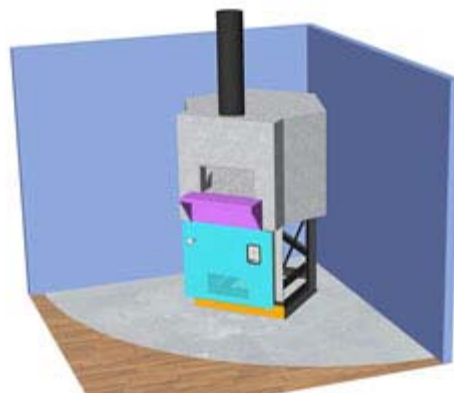
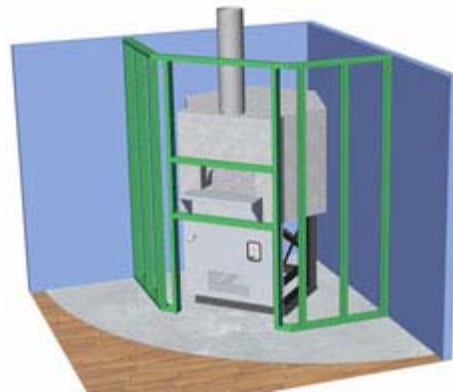


Figure 1.2

Step 2. Stud Wall

The **stud wall** is built. Metal studs are recommended. Consideration must be given to the wall framing position to insure the minimum one-inch offset from the back of the wall surface (sheetrock) to the oven sheet metal.

In addition, the studs on either side of the doorway must be far enough apart so that when sheet rock and tile are installed, the Service Panel can still be removed for oven service.



Note that the control box is mounted in the Service Panel where it is convenient for the chef to operate. (The control box can be remounted in a different position, but you will need to specify at the time of order so we can plug the service panel hole and ship the controller with a longer lead).

Step 3. Custom Fabrication

Shown in Figure 3.1 in red is a customer-fabricated **throat extension** for the unique requirements of the installation architecture.

(This piece is required if a Doorway Façade Extensions, are not purchased from Wood Stone.)

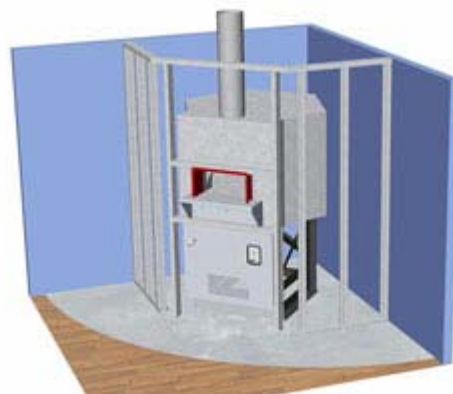


Figure 3.1

On top is the doorway surround, which should be metal and is usually stainless steel for sanitation reasons. It should fit snugly and be welded to the inside lip of the oven doorway to lock it in position. Note: the custom fabricated doorway span should not block or obstruct ventilation through the flue.

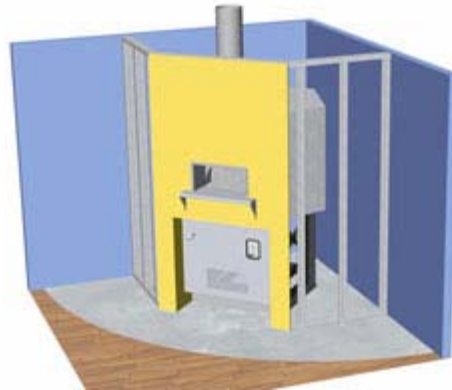
The service panel surround below can be sheet metal as well, but need not be stainless if it is to be facaded. Both however, must be of non-combustible material (since they touch the oven).

Step 4. Non-Combustibles

Seen here in **yellow** is the non-combustible wallboard. This is required directly over the oven doorway and 6" on either side of the doorway.

Non-combustible material is also required anywhere the façade touches the oven or the mantle. In this illustration, the non-combustible wallboard is used as flashing from the studs to either side of the service panel and contacts the edge of the mantle.

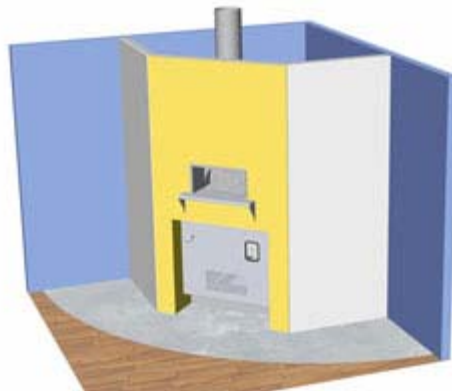
Usually a cement board is used for this application. Brand names of appropriate underlayment include Wonderboard and DUROCK. (Drywall is considered a combustible and should not be used).



Step 5. Adding Drywall

Shown in the lighter **yellow** is the drywall applied to the stud wall. This portion does not need to be non-combustible.

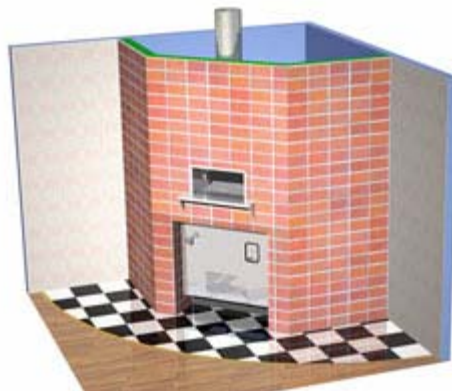
For the sake of simplicity of construction, many installers choose to make the entire wall out of the non-combustible cement board mentioned above as to avoid cutting many oddly shaped segments.



Step 6. Finishing

Drywall can be finished with any decorative material that can be easily affixed to the wall surface such as tile, stucco, sheet metal, brick etc.

Note: It is necessary for the proper operation of our ovens that the Radiant Flame Control Knob be fully accessible after all finishing is completed. This knob controls temperature in our gas ovens, if you cannot adjust the knob you cannot adjust the temperature.



Please contact us if you have any questions or concerns.