

## **Materials and tools you will need to have on hand before you start the install**

### **Materials needed for *concrete slab (non combustible) installation:***

- 8 pieces 3/8" rebar x 36" long
- 8 pieces of rebar X 12" long
- Epoxy for securing rebar in footing / foundation
- 3 - 80 lb. bags of ready mix with small aggregate (1/4" or smaller)

### **Materials needed for *combustible wood floor installation:***

- Metal base with minimum six inch (6") air space to combustibles
- 1" ceramic fiber board the size of the hearth base to go under the metal base.
- 1/2" cement board to go on top of the metal base.
- Eight (8) 12" long, 1/2" all thread with (24) nuts and washers
- Eight (8) pieces 3/8" rebar x 36" long
- Fasteners to attach metal base to floor joists

### **Tools needed for both above installations:**

- One 4' level
- Roto hammer with 1/2" drill bit (needed for concrete slab install only)
- Mixer blade & drill motor (to mix MFI grout)
- One wheel barrow and shovel to mix ready mix.
- Two empty 5 gallon buckets (to mix grout)
- Grout bag
- Triangular masonry trowel
- Sponge to wipe down and moisten parts prior to mortaring