

EMM OVEN INSTALLATION SPECIFICATIONS AND RECOMMENDATION

FRAME

- Put oven over a metal frame or on cinder blocks.
- Metal frame is welded to the oven encasement (steel outer shell).
- The frame is manufactured out of heavy duty steel.
- Metal frame can be bolted to the floor with ½ inch bolts. Four (4) bolt holes are located on each side of the base of the frame.
- Other recommended material – cinder block with metal studs.

VENTING

- Direct flu (gravity flow) Venting duct made of sixteen (16) gauge steels (sheet metal custom made and fabricated).
- Maximum height is thirty (30) feet without additional support. Piper is welded all around and should be connected directly to the oven duct.
- Chimney not to be enclosed unless it penetrates ceiling.
- If chimney penetrates roof or ceiling, support frame of metal studs with a clearance of three (3) inches all around chimney can be installed.
- If it is a transition type of installation, it may need additional gates for cleaning.
- May be changed to meet city code requirements.

OVEN ENCLOSURE

- If you have to complete enclose the oven, make sure there are vents to exhaust the air that surrounds the oven in its enclosure.
- No combustible tile or decorative materials can be placed around the oven. Oven can be enclosed in a decorative shell one (1) inch away from the oven.
- Shell consists of metal studs and a layer of rated sheet rock.

CLEARANCE

- Make sure oven is at least one (1) inch away from any wall. Clearance for wood fuel is fifteen (15) inches from base of oven.
- Wood is placed on bottom rack of metal frame or if cinder block is used, wood is placed on floor or in a separate metal bin.
- Clearance for operator safety is a minimum of three (3) feet.

MAINTENANCE

- Storage – Wood can be storage at a minimum of fifteen (15) inches away from oven, underneath the oven.
- Cleaning – Once a day, shovel out hot ashes and coals and wipe off dirty cooking surface (which could be on the right or left side of the oven).
- Chimney needs to be cleaned once a month.
- Repair – to repair cracks or chips wait until oven has cooled at least twenty-four hours.
- Remove all dirt and soot by wiping off oven with cloth. Patch cracks with a mixture of (50/50) mortar and refractory cement. Wait seventy-two hours until dry.

INSTRUCTIONS FOR IGNITING THE OVEN

- Using (3) or (4) pieces of hardwood approximately 4 x 8 inches in diameter (beech oak or any hardwood that does not spark preferable cured wood).
- Light a small fire in the center of the oven.
- Allow the fire to burn for four to five hours, for 3 days in a row. Oven will be ready for uses when the inside walls and dome have turned white and there are no signs of humidity.
- We recommend you push the fire to the right or left hand comers of the ovens as you prefer.
- You can begin cooking.
- To increase or maintain the heat of the oven us (1/4) piece of wood at a time.
- You can adjust the fire when necessary by using the damper. When damper is set property, all smoke will go through the exhaust.

WARNING: DO NOT USE MESQUITE WOOD IN THIS OVEN