



Instructions for Installing Flue Plugs

Disconnect electrical service and shut off fuel to the system and allow it to cool down some. Disconnect and remove the burner. Disconnect the breaching so the dress shell top can be removed. Mark the location of one of the screws holding the dress lid to the sides. Remove the screws holding the dress lid on and remove the lid. This will expose a ring of insulation. Remove the insulation and the smoke dome. This will expose the top of the vertical flue tubes. Each tube should have a flue spiral or baffle. Twist the baffle and pull it straight up and out of the flue tube.

With a light, look down flues to identify which are leaking. Ream the ends of these flues removing burrs and corrosion to ensure a watertight fit. Drop 1/2" rod into appropriate flue, shortest threaded end down. Thread plug on bottom end of rod and tap the plug snugly into flue with a hammer. Install the unthreaded plug on the upper end of the rod. Add gaskets as they come on the rod. First the rubber, next the fiber and finally the steel washer. Start nut on top end of rod. Tighten nut, tapping flue plugs as you go, until plugs are set. Add water to heater and check for leaks. If no leaks show, reassemble and heater is ready to go.