

Heat Exchanger and Blower Cleaning

Clean ash from the heat exchanger and flue about **every 800 to 1,000 hours** of operation.

Tools Needed: 1/2" Socket, 5/16 Socket, 3/4 Open End Wrench, Chimney Brush, Small Pipe Brush, Work Gloves, Dust Mask or Respirator, Large Trash Bag and Duct Tape

Warning: Turn off power at the circuit breaker before beginning this service. Wear protective clothing, including gloves and a dust mask or respirator.

Allow heater to cool before cleaning. Unplug burner.

Disconnect 3/8 copper fuel line where it connects to the burner assembly. Remove the 4 burner mounting nuts. Swing burner open.

Carefully remove drip cap as shown by removing two sheet metal screws with 5/16" socket. The cap will be heavy with collected ash. Attach a trash bag to the drip leg with duct tape **or strap a 5 gallon bucket** to the cabinet to catch the ash.

Using a 6" chimney brush or a similar wire brush, sweep the heat exchanger interior free of ash. Push the ash out of the heat exchanger into the bucket/bag attached to the drip leg, or use shop vacuum to remove the ash.

Tap the flue and allow the ash to fall into the bag. Remove the bag and run a chimney brush into the flue. Reattach the bag to the drip leg, reach through the bag to brush the ash loose from the chimney.

Remove bag and brush and dispose of ash properly. Reattach the drip cap to the drip leg. Swing burner close and reinstall nuts and fuel line.

To clean the blower wheel, remove the wire guard from the open side of the blower. Use a small pipe cleaning brush and a shop vac to clean the dirt from the blower wheel blades. Reattach the wire guard when finished.

