

Heat Exchange Tubes

(Recommended Frequency of 2 days to 2 weeks*)

Tube Scraper - Using the hole in the handle of the Grate Scraper Tool “grab” the scraper rod as shown in **Figure 26**. Using the Grate Scraper Tool, pull the rod up and out towards the opening of the firebox. Continue pulling until the Tube Scraper reaches the top of the firebox. Pull the tube scraper out, then repeat 2–3 times to remove fly-ash from the heat exchange tubes.

It may be easier to clean the tubes if the heat exchanger baffle plate is removed first (located in the firebox below exchange tubes).

Baffle Removal - The baffle plate contains two keyhole slots (see **Figures 24A and 24B**), which allows the two retaining screws to remain in place while removing the baffle plate. To remove baffle, loosen the two screws holding the baffle in place (do not fully remove). Slide the baffle plate to the left until the screw heads clear the open end of the key hole slots. Remove the baffle plate diagonally through door opening. The tube scraper rod can now be pulled in a more horizontal manner, which allows the scraper to move more freely.

NOTE: The baffle plate should be removed at least once a year to allow for a thorough cleaning.

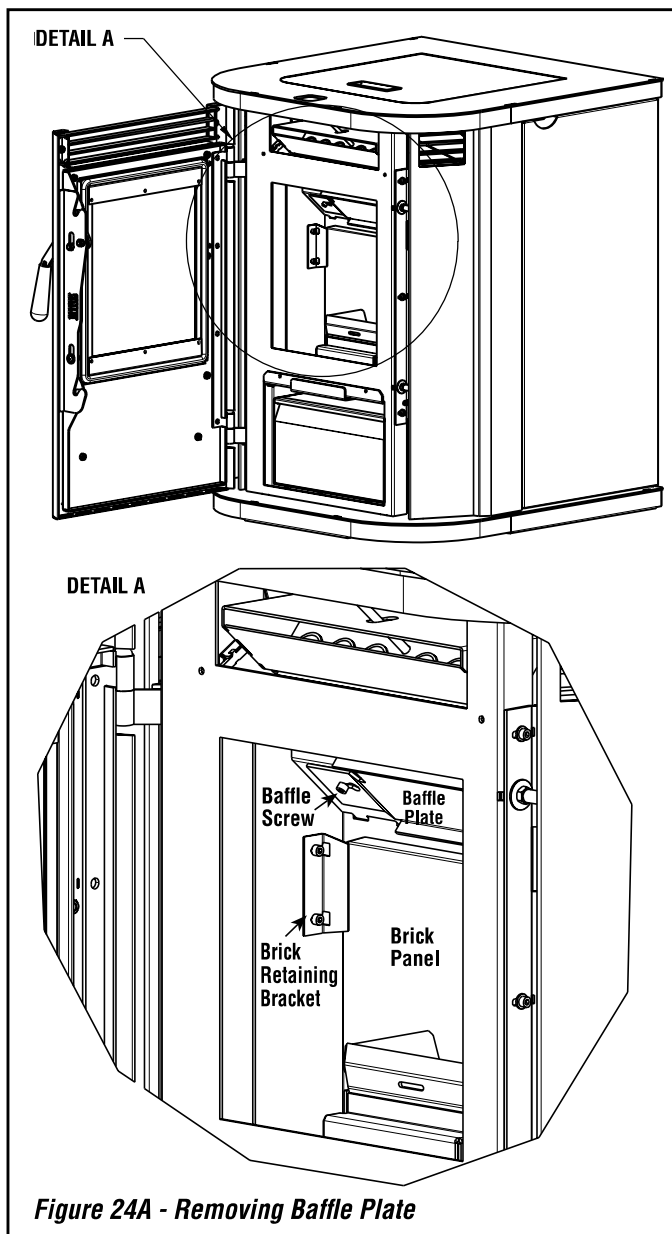


Figure 24A - Removing Baffle Plate

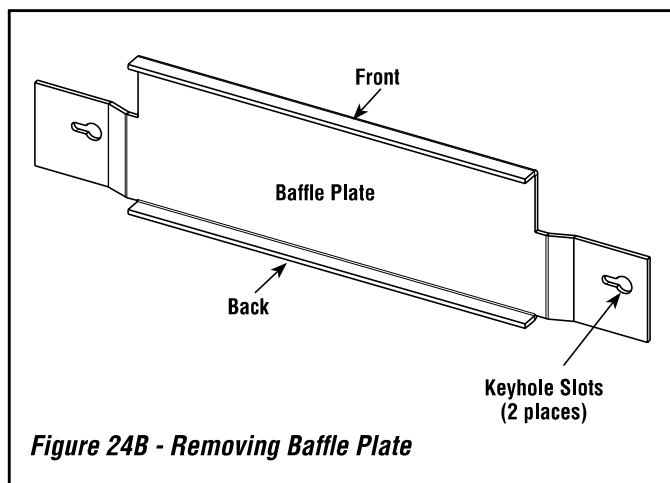


Figure 24B - Removing Baffle Plate

Cleaning Behind Tube Scraper

(Recommended Frequency of 2 weeks - 2 months*)



WARNING

DO NOT USE BRUSH ON HOT STOVE

Clean between the heat exchange tubes using a cleaning brush as illustrated in **Figure 25**.

With tube scraper rod pulled out 2 to 3 inches, insert brush behind tube scraper and remove ash build-up. Clean to the left and right side of heat exchanger, between tubes and the top of the firebox.



Figure 25 - Clean Behind Tube Scraper

***Burning fuel with a high ash content or an improperly adjusted damper may require more frequent cleaning and stove maintenance.**