

# End of Season Cleaning Of The Accentra Pellet Insert By Harman

During the heating season you should vacuum the inside of the stove 3 or 4 times per burn season or once per ton of pellets burned (see steps 4 & 5 only). The insert is designed to be very easy to clean and it should take about 15 minutes to do a good job.

**A thorough cleaning is required at the end of each heating season.** Keep in mind that cleaning both your insert and venting system is essential. Cleaning boosts heat output and keeps the stove running at maximum efficiency. Blazing Hot Stoves does offer annual cleaning services for their customers or plenty of support for DIY.

## TOOLS YOU WILL NEED:

Screw driver	Putty knife
Dust Mask & Safety Goggles	Paper towels
Shop vacuum w/fine dust (HEPA) filter	Rubber gloves (soot really gets into pores)
Standard socket set or nut driver set	Drop cloth
Tooth brush	Flashlight or drop light
Hearth glass cleaner	4" Flexible chimney brush

## TIPS BEFORE YOU START:

**Be sure the stove is completely out and cool (and unplugged from electrical power!).**

The stove must be completely out before cleaning. **Check the burn pot for live pellets, they are a fire hazard – especially if they get sucked into a vacuum cleaner.** Every year there are stories of house vacuums catching fire by inadvertently sucking up hot ashes. **Worse still this can be the source of a house fire!** Remember, hot ashes should be stored in a metal container with a tight fitting lid. When the ashes are completely out they can be used as a soil conditioner for your lawn or garden. **Wear a dust mask!** This is important! Don't be fool hardy when it comes to protecting your lungs. Wear a mask and protective goggles. Professional chimney sweeps wear both while performing cleaning tasks. **ALWAYS RUN ALL PELLETS OUT OF STOVE AT END OF SEASON TO AVOID BINDING OF AUGER!!!**



## STEP #1: PREPARE THE WORK AREA AND STOVE

Lay out your drop cloth to protect your flooring and set out your tools. Remove the ash lip (figure 1) by pulling it straight out with a tug to loosen it, there is nothing holding it in. Also, undo the buckles that hold the stove in place (figure 2). Carefully slide the insert out being sure not to damage any wiring. Protect your hearth with something sturdy like a piece of plywood. Make sure to allow enough space to work on the back of the stove properly. You must gain access to the exhaust blower and once you gain access you remove the blower turning the thumb screws (figure 3). You have to clean the fans fins gently with the paint brush then vacuum the blades as well as the cavity in the stove body that the blower came out of, then reassemble.



Figure 1



Figure 2



Figure 3



Figure a



Figure b



Figure c

#### STEPS 2 & 3 CLEANING THE ESP PROBE AND FINES COMPARTMENT

Remove the side access panel located on back right of insert (figure a above) and vacuum out the compartment behind it. Be careful not to bend the ESP probe seen on the left side of photo. Any damage to probe caused by bending or mishandling will result in having to replace item. You need only dust the probe during the service. If there is excessive carbon build up you can loosen the screw and pull it out of the stove to lightly clean with a scotch brite pad. Leave that panel open when done; we'll come back to that later.

Located on the same side of the pellet insert is the fines compartment (figure b & c above) that is accessed by removing the wing nut. Once removed, vacuum out and then reassemble.



#### STEP 4: CLEANING THE HEAT EXCHANGER

The above photos show how the heat exchanger is accessed for cleaning. These parts should be removed and dusted as well as the accordion heat exchanger behind them. You can paint the front of the panels with high heat paint if you like to cover over any rust. At this time you brush out the exhaust tubes thoroughly with the brush that came with the stove and then clean out the residue from brushing at the side panel for esp probe that you left open in step 2 (figure a). Once done you can seal up the esp access panel. Do not reinstall the heat exchanger covers until step 6 has been completed to avoid a broken glass.

#### STEP 5: CLEANING THE BURN POT

The bottom cover to the burn pot should be removed. Aggressively scrape the burn pot with the Harman scraper and then a putty knife or slotted screw driver. Tap on the burn pot with a hammer a few times using medium force to loosen scale on igniter then inspect to make sure the small air holes are not impacted. Then vacuum burnpot fully. If any air holes are clogged, use a thin nail or paper clip to clear. Note any unusual wear to burn pot or auger. Call us if something doesn't look right.



#### **STEP 6: CLEAN CIRCULATING BLOWER**

Located underneath the stove, this can be accomplished with a toothbrush. You will need an extra pair of strong hands to tip the stove forward while you do this step. You will usually encounter some dust that has gotten attached to the fan blades. In extreme cases you may have to remove the fan. Once done you can reinstall the heat exchange covers from step 4.

#### **STEP 7: CLEANING THE CHIMNEY**

You will need a good chimney brush system as pictured below (figure d) and your shop vac with hepa filter. Begin sweeping your chimney with the vacuum running (figure e) to catch the dust. Repeat the procedure until clean. Vacuum up the area and reassemble the stove being sure not to pinch any wires along the way. Be careful of your temp sensing probe as well. Then buckle the latches and reinstall the ash lip. Touch up any of the panels that need it with high heat paint, wash the glass and just wait for the cold weather.

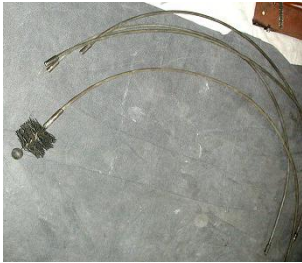


Figure d



Figure e