■ Cleaning Steps

STEP 1

GENTLY REMOVE ANY LOOSE ASH FROM THE COMBUSTOR.

A home vacuum cleaner is effective, using either suction or exhaust. USE CAUTION – high air velocities can strip catalyst off the ceramic. (Never use a high pressure air hose!!) Any cells that are still plugged should be gently cleared using a cotton swab or pipe cleaner. Never scrub or abrade any part of the catalytic combustor, since this may remove the catalyst or damage the cells.

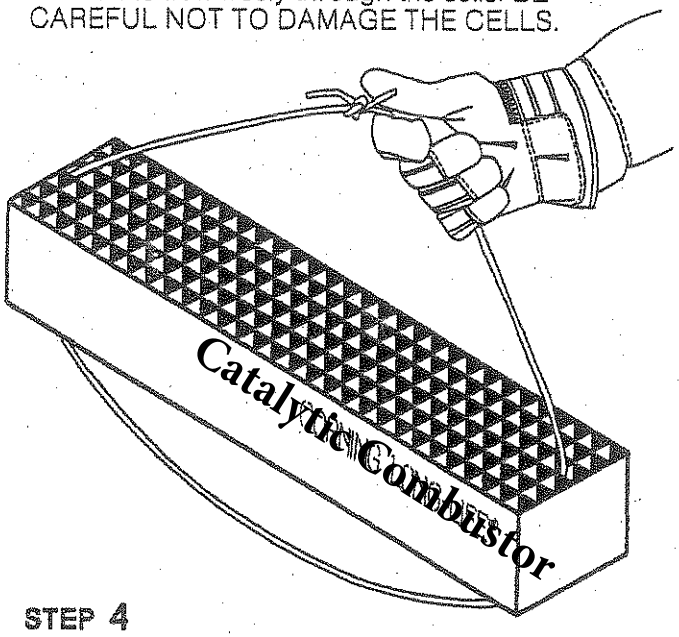
STEP 2

PREPARE THE CLEANING SOLUTION.

Make a 50/50 mixture of vinegar and distilled water in the large pot. Heat the mixture to a boil.

STEP 3

THREAD THE WIRE THROUGH THE COMBUSTOR TO MAKE A GRAB-HANDLE FOR LIFTING THE COMBUSTOR IN AND OUT OF THE HOT CLEANING SOLUTION. The wire will elevate the combustor off the bottom of the large pot, allowing the cleaning solution to flow freely through the cells. BE CAREFUL NOT TO DAMAGE THE CELLS.



STEP 4

GENTLY PLACE THE COMBUSTOR INTO THE CLEANING SOLUTION.

The cleaning solution will evaporate slightly. Keep the combustor covered with at least ½" of solution. Reduce the heat to just below boiling. It is not necessary to boil the cleaning solution once the combustor has been placed into the pot. Allow the combustor to remain in the hot cleaning solution for thirty (30) minutes.

NOTE: While the combustor is in the cleaning solution, heat to a boil enough distilled water for the two rinses (STEP 6 & STEP 7).

STEP 5

After THIRTY MINUTES, remove the combustor from the cleaning solution.

Place it on a towel. Discard the used cleaning solution and rinse out the pot.

STEP 6

Fill the pot with the boiling rinse water and gently place the combustor in the rinse water.

Allow the combustor to remain in the rinse water for 15 minutes. Keep the rinse water at just below boiling.

Meanwhile, preheat enough water for the second rinse cycle.

STEP 7

AFTER 15 MINUTES, remove the combustor from the rinse water and gently shake out the excess water.

Repeat STEP 6.

It is unlikely that you will notice a visible difference in the combustor after this cleaning procedure.

STEP 8

Reinstall the combustor.

After the cleaning procedure, follow the manufacturer's instructions for replacing the combustor and reassembling the stove.

Don't operate the stove for at least 24 hours. This will allow the combustor to dry and prevent steam from causing damage to the combustor. If the stove must be returned to operation immediately the combustor can be dried in an oven. Place the combustor in an oven at 300°F for 60 minutes. Turn off the oven and let it cool to room temperature.

This procedure has been found to be effective for non-damaged and non-worn out catalytic combustors. It will not revitalize a catalytic combustor if the catalyst has been worn out or damaged by use with improper combustibles or otherwise. Check the performance of your catalytic combustor regularly after cleaning. Reduced effectiveness as a result of age or damage may result in an increased rate of creosote accumulation in your chimney.