



Fireplace Extraordinaire

Cleaning Procedure



1. Moisten the **glass** with Windex
2. Remove the **Baffle plate** from under the damper opening
3. Open The **Damper**
4. **Sweep** with 12" Viper brush (keep vacuum hose inside firebox)
5. **Open & Close** the Damper repeatedly to shake off the soot
6. Reach in and **remove** soot from damper opening ledge
7. Remove Gently and Clean the **Catalytic Combustor** (you may need to remove nuts with ratchet tool, **WD-40 helps - don't snap the nuts off!**)
8. Reinstall the catalytic combustor saving as much of the **gasket** as possible
9. Reinstall metal screen combustor **Guard**, you may need to bend the tabs
10. Clean the **firebox**
11. Clean the **Glass**, if needed use ONLY NEW Razor Blade
12. Slide you head inside the firebox Look up the Chimney with a Flashlight and **Inspect** for bulges.
13. Inspect the **Cap** from Outside, clean if necessary.

WELL DONE!

Common Issues to Look For And Solutions to Offer

1. Damper - Warped, Broken, Inoperable

EFFECT: House loses heat constantly, bats, mice may enter home, house may smell like soot after a while.

SOLUTION: Top Damper operated with a handle in the firebox, saves energy, assists with starting fires. \$500-\$1000

INFO NEEDED: flue diameter, ease of access to chimney cap

2. Firebox Gaps and Cracks

EFFECT: (fire danger or structural and expensive issues in the future)

SOLUTION:

1. Inject mortar in gaps (works well only on gaps towards the front, not on top or back wall)

2. Inject Sealant similar to 3M™ Fire Block Sealant FB 136. rated to over 1300deg F

3. Chimney joint disconnected within the structure

EFFECT: House Fire danger! Do not use fireplace until repairs are made

SOLUTION: Access chimney chase from top or wall and replace or reconnect the pipe Sections.

4. Deteriorating Catalytic Combustor:

EFFECT: Lowered efficiency, more pollution

SOLUTION: Replacement - Year, make and Model info needed.



5. Door Gasket Worn:

EFFECT: Excessive oxygen supplied to fire, Fire burns too quickly

SOLUTION: Replacement - use Flat gasket only.

Elbow joint of outer pipe split - soot marks mean breach



A photograph showing a vertical section of a double wall pipe. The pipe is made of galvanized metal and has several horizontal bands. A red arrow points to a hole in the lower section of the pipe, indicating a breach. The pipe is surrounded by wooden framing and some white tape.

Double wall pipe

Dangerous Breach