

**NOTE: These instructions are general instructions for our 2,000 sq. ft. catalytic stove. Please refer to the instructions in your stove's owner's manual (you may download a copy of the manual at [www.englishstoveworks.com](http://www.englishstoveworks.com) if you do not have a copy).**

### **Catalytic Combustor Maintenance**

*Note* – Your unit will have a 3” thick, 25-cell combustor (manufactured by Applied Ceramics), **or** it will have a 1” thick, “ceramic foam” type combustor (manufactured by Clear Skies). The following instructions apply to both types, unless otherwise specified.

1. To reach the combustor, first take out the Flame Impingement Plate by removing the four (4) 3/8” brass nuts (they take a 9/16” wrench). Once the nuts are removed the plate should drop from the four bolts. This will allow you to see the bottom of your catalytic combustor.
2. *For 25-cell Applied Ceramics combustor:* If the combustor is plugged up you will see black soot within the cells on the bottom side of the ceramic piece. This can usually be removed by brushing the combustor with a soft bristled brush. You can also run a pipe stem cleaner through each cell for removal of any internal build-up. This type cleaning can be done without removing the combustor from the stove.  
*For 1” thick Clear Skies combustor:* Follow the instructions provided by Clear Skies pertaining to the cleaning of their combustor.
3. Combustor Housing (Part #CA-1710) – This cast iron housing holds the combustor in place and if it becomes cracked or broken it should be replaced (See Catalytic Combustor Replacement”).
4. Flame Impingement Plate (Part #IP-24AC) - These units are equipped with a flame impingement plate designed to keep the flames from directly hitting the combustor, which also aids in heating up gases before they reach the combustor. If this plate becomes distorted, it should be replaced (See Step 1, above).
5. The catalytic combustor (Part #AC-6C3) is guaranteed by Applied Ceramics or Clear Skies, the manufacturers. A separate warranty card will be in the manual for this part and should be mailed back to the combustor manufacturer. Both combustors are equivalent, and in the event there is a problem with this item, the manufacturer should be contacted as listed below.

Applied Ceramics  
Customer Service Dept.  
P.O. Box 29664  
Atlanta, GA 30359  
(1-770-448-6888)

Clear Skies Unlimited, Inc.  
11208 Cochiti SE  
Albuquerque, NM 87123  
(1-505-237-9519)