

How Rocket Heaters Work

To insure a hot burn, the Dragon Burner primary combustion chamber is cast from an insulating refractory material. Since this chamber gets very hot, the expanding gases are forced out of the burn tunnel prior to combustion being complete. Therefore, a second insulated combustion chamber completes the combustion process. The fire in the burn tunnel consumes the solids and releases the wood's volatile compounds. The Dragon Heater increases efficiency by insuring that all the exhaust gases are adequately mixed with oxygen. There is no smoke or pollution emitting from the stove pipe because all of the components of the wood are consumed. There is practically no ash because the solids are consumed as well. You can even use "pithy" woods such as pine because all the compounds which would usually accumulate in your "chimney" never get there because they are consumed by the very high temperatures.

