

# Lathamatic BioChar Retort



55gal.Drum  
with top &  
bottom cut  
out.

Water  
heater  
core—  
top &  
bottom  
cut off

09/07/2009



Fill center  
cylinder  
with wood  
for  
charcoal;  
space  
between  
cylinders  
with wood  
to burn.



Cutout  
from 55 gal  
drum  
slightly  
larger than  
heater  
core  
placed on  
top &  
weighted  
down.

Wood between cylinders burned up—  
flames are gas from inside heater core  
escaping around cover and burning.



09/07/2009



Finished  
product—  
charcoal/  
biochar!  
Will be  
crushed  
and added  
to garden  
soil.