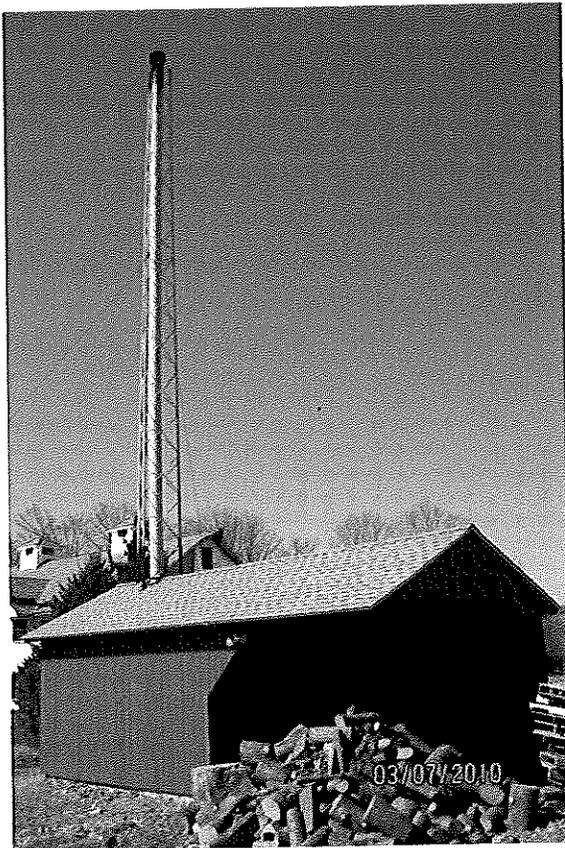


I am an outdoor wood boiler owner. Ten years ago I bought my grandparents old large farm house. On their limited income fixed income they were having difficulty making ends meet. I soon found out why they were having such a difficult time making ends meet. In a year they would go through three thousand gallons of oil. At that time that was an estimated \$4,000.00.

That's when I bought a used outdoor boiler to test drive the concept. I loved it but I hated the amount of ground level smoke coming out of a 10' high chimney. After much research on design and features, I connected with Scott at Mainline Heating. After expressing my concerns he assured me I would be fully satisfied if I raised my chimney.

Since I was now installing a new stove I had to meet the newly passed chimney height and distance regulations. I needed to extend the chimney to a height of 35 feet. I figured if I have to go 35' why not just keep going, my chimney finished out at 50'. As seen in photo 1 note there is a fire burning while picture was taken.



As mentioned before I hate smoke therefore I have experimented with different ways to setup and operate my central boiler to emit the least amount of smoke possible.

1. Raise the chimney as high as possible. I can not stress this enough.
2. Do not burn stacks of pallets, break them up first and use them as kindling.
3. It is more efficient to let the fire burn naturally. Do not use a draft inducing fan, upon starting up the fan empties the chamber of smoke. Smoke that should stay in the chamber to reburn the remaining gases, then it makes the fire burn harder than it wants to and continues to blow out smoke and burnable gases. Again raise the chimney. It will greatly increase the draft as the fire increases letting it burn cleaner.
4. Only stack wood in half of the fire box close to the door this leaves room for flames and smoke to mingle in the back half and burn the remaining gases.
5. Add wood more often. Due to firebox design the fire burns primarily on the bottom and off the back. By adding wood to the top of the burning fire instead of on coals it has time to dry out before settling down to be burnt.

My outdoor boiler has eliminated my heating bill, which would have been over \$10,000 during the price jump of a couple of years ago. My parents' house next door is also connected to my stove eliminating their heating bill.

Both my electric bill and my parent's electric bill were lowered by 1/3, because it heats our domestic hot water as well. It also heats my 3,000' garage. Total savings are immeasurable.

Upon Raising my Chimney and learning these little tricks to cleaner and more efficient operation my large outdoor wood boiler smokes less than a typical in the house wood stove (seen in photo 2). This picture was taken 10 minutes after adding wood the smokiest point.

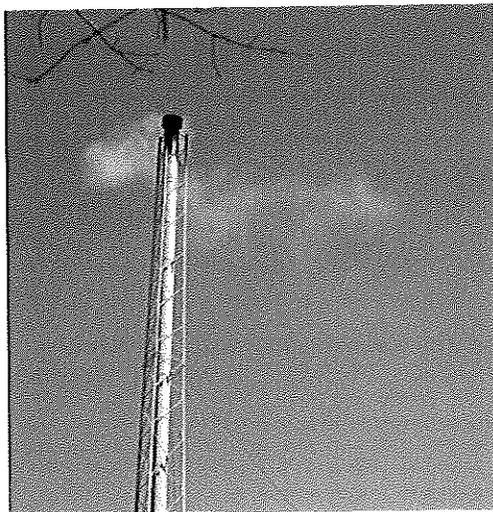
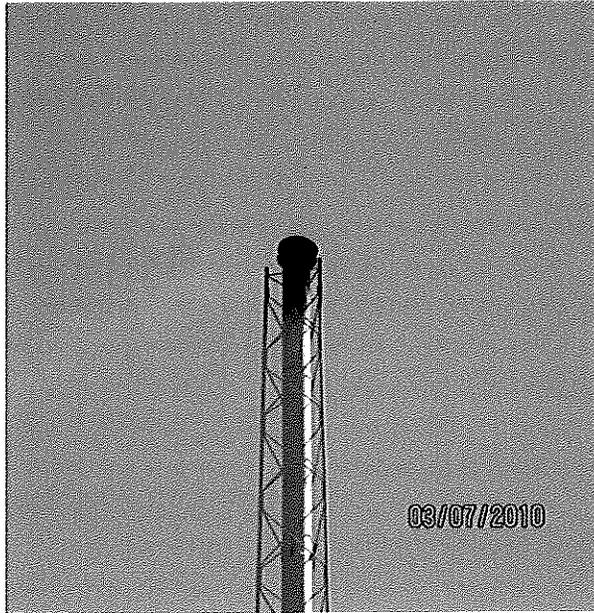


Photo 3 was taken about 10 minutes after that showing a nice clean burning fire.



Several neighbors have commented on how seldom they now see or smell smoke and asked me why I made such a large investment and don't use it. A true testament to how significant a change raising my chimney has made.

Banning outdoor stoves would be like banning cars because they pollute, instead we found and continue to find cleaner and more efficient ways to run them.

I plead with you to not ban the outdoor stoves, but expand your existing regulations to include a minimum chimney height of 25-30 feet. A chimney height of the average 2 story house, no matter what the distance to neighbors.