smoke problem
Posted by DAN79 - 31 Oct 2012 17:06

I have smoke backfeeding through my augers into my hopper. I have include a picture of my furnace. Any ideas? Thank you

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Re: smoke problem
Posted by tfgrower - 31 Oct 2012 17:33

I,d check the exhaust fan and exhaust obstructions while your peers are gathering. Hope it is a simple solution.

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Re: smoke problem
Posted by DAN79 - 31 Oct 2012 17:44

The power vent is 3 months old with no obstructions

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Re: smoke problem
Posted by tfgrower - 31 Oct 2012 17:57

Is furnace real clean?

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Re: smoke problem
Posted by DAN79 - 31 Oct 2012 18:05

Its clean but not pristene.

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Re: smoke problem
Posted by tfgrower - 31 Oct 2012 18:18

If you have adequate air sucking through unit the smoke should be in exhaust. When you get a response from experts you may find a disfunction unique to unit. Actully the fact there is smoke is a symptom of

not enough air flow I would think. Sorry I can't solve the problem

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Re: smoke problem
Posted by johnlb - 31 Oct 2012 20:12

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If you drop back to 0 when the combustion fan runs your barometric damper is not doing it's job or needs to be readjusted.

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Re: smoke problem
Posted by Nogas - 31 Oct 2012 20:37

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Hi Dan79, I am assuming (which is always dangerous) that you are burning pellets, not corn? Do you have the pellet conversion kit on your furnace? If not, there are a few tricks you can do. 1st, put screws in the bottom row of air holes in your burn pot. The problem is the fire burns down too low, and the air is pushing the smoke back into your bin. Keep your hopper loaded with plenty of pellets. LDJ has made a kit, but it seems they are out of the corn burning business. IF you have or can get some corn, a mix burns real nice and is easier to control. It's a start. You may want to open the hair dryer a little more. Too long off idle timer causes pellets to smolder, which again causes smoke to head towards the bin. Good luck.

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Re: smoke problem
Posted by Grandpa Wheeler - 01 Nov 2012 22:42

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Dan 59 I am burning a ldj 100K boiler and last year was my 4th year I was about to yank it out last year till I found the problem I was just like you couldn't get it to breath I keeps cleaning it the brush the tubes in the exchanger fire it up a day latter same problem finally I pulled the top off the boiler and brushed the tubes again and realized the brush only cleaned a 3/4 hole and it would fill up in a day I took a 1 3/8 hole saw and cut it down threw the tubes to get them open all the way to 1 1/5 after that it ran like new again so make sure tubes are really clean not just think so because you ran the brush though them

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Re: smoke problem
Posted by Nogas - 01 Nov 2012 23:18

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HI Grandpa, I think his problem is a little different, he has a furnace.

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