For guys with the conversion kit

Posted by command_z - 08 Nov 2012 00:45

If you are using the negative pressure kit, does your flame always lean heavy to the left (exhaust side)? I am thinking that I have too much combustion air and it is pushing the flame to the left.

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Re: For guys with the conversion kit

Posted by drysun - 11 Dec 2012 04:53

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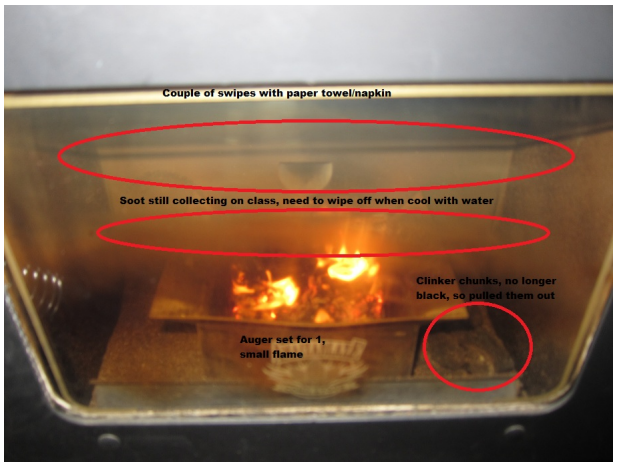
tfgrower,

I did see the Nesco version on the Sparta site, but you can't see any identifying information on it and no one seems to have replaced it and mentioned anything about the part number on it, so it's still a mystery, at least to me.

In regards to the pics, this is what mine looks like now. Some of the chunks finally turned a little gray and didn't seem to be burning down anymore (mine shrink a little while they burn off some more carbon when I stir them). Sorry that the pic seems bright, I had to use my camera flash so the areas around the fire could be seen. I'm still wondering what the secret is on the glass because the way the air flow seems to go, air goes up a little ways from the air wash (maybe 1/2 way) and then goes toward the back/baffle to exit out the exhaust, so I'm not sure how you guys are getting the air to go straight up the glass before going back. I also have to admit, that flame looks pretty big for auger setting of 4 (at least I think that's what you mean when you said #4), but then I haven't had to go higher than 3 yet, so I have no idea what mine would look like.



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Re: For guys with the conversion kit
Posted by drysun - 11 Dec 2012 05:21

Here's a 30 second clip of my stove burning at auger 1. Disregard the sound, camera was picking up the room blower and making it sound worse than it really is. Not sure if it's burning well, the flames really move around a lot and I do see some blue at the bottom, so I think it's okay. I just never see huge flames or clean glass like you guys.

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Re: For guys with the conversion kit
Posted by tfgrower - 11 Dec 2012 14:09

Nice clip drysun. It's hard to tell at #1 if settings are correct, #3 would tell you more. How is stack temps because that seems like a lot of air.

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Re: For guys with the conversion kit
Posted by command_z - 11 Dec 2012 15:57

About the glass... mine will start to get ashey and glazed from the top down after about 3-4 days on settings above 2. The slower the fuel rate the sooner it begins to get dirty.

About the clip... your setting #1 looks just like mine. The flame moves around to differnt areas of the pot rather quickly and as a low, flickering flame.

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Re: For guys with the conversion kit
Posted by drysun - 12 Dec 2012 05:58

Ok, temp outside supposed to be below 30 tonight, so I have finally put it back up to 3 (though that might not be enough) and here's a short clip of what it looks like. Note that around 20 seconds in, if you listen close a bunch of pellets dropped in so the flame starts shrinking due to the new/cold fuel. About 30 seconds in it changes to an above shot since the side shot may not make it clear how much the flames move around.

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Re: For guys with the conversion kit
Posted by tfgrower - 12 Dec 2012 13:22

After is has burned at #3 for an hour or so, get temp on stack, above door and room air as close to holes as possable with out touching stove. Also check ir thermometer for accuracy. Also what is valve gap now ?

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Re: For guys with the conversion kit
Posted by command_z - 12 Dec 2012 16:01

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Hey drysun I just remembered something. When I used to start my fire with the wax fire starter squares my glass got dirty really quick. Is that what you use? Are you still using the corn auger or did you switch them out?

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Re: For guys with the conversion kit
Posted by tfgrower - 12 Dec 2012 16:33

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cz, drysun, I think I figured out why multi fuel auger has continuous flute. To prevent long pellets from plugging chute. What do you think?

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Re: For guys with the conversion kit
Posted by command_z - 12 Dec 2012 16:51

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That could be exactly why. It would be continually pushing on the clog area. huh...I just assumed it was for proper feed ratio.

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Re: For guys with the conversion kit
Posted by tfgrower - 12 Dec 2012 17:28

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Well in a way it is eh

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