CANT GET DIALED IN!!

Posted by Jame - 18 Nov 2012 20:25

Hello everyone.

We bought a new Bixby 120 about a month ago. (seriel #10047 date of Dec 2007)

I have been trying and trying to get this thing dialed in with no success.

I am in mid Michigan and the temps have been in the mid 40's during the day...I have been trying to get it dialed in at level 4 and burning ProPellets.

No matter what I do I get a 2/3 blink. Which is supposed to be lean. I have tried for days and gone through tens of pages of forums and I still can't get it to quit. They will blink for a couple minutes...then go out for a couple...on...then out...and so on. All day long. I try and make small corrections to one knob, but to no avail. Either it ends up filling the pot with pellets (still blinking) or there is never any build up of pellets at all in the burn pot (and still blinking).

I have thrown my hands up and started over at 0/0 twice..and still can't get it. I have cleaned it out one time after about a weeks worth of burning...in total we have about 2-3 weeks of burning on it (we don't burn it when we are not at home..not until I get it dialed in).

Flame for the most part seems to be pretty lively I think. The only real thing I could note is that it seems to sometimes be blowing from one side of the pot or another, as it circulation were causing the flames to blow more to the left or right.

Is there anyone who can help me out there with some suggestions. I am getting really frustrated at this point. ☺

Thanks.

(also...does everyones run so loud??? I mean fan wise....just seems to be a little on the loud side)

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Re: CANT GET DIALED IN!!
Posted by DOLLARBILL - 01 Dec 2012 00:10

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I can whole heartedly agree with Rona as it gets cold and stays cold my Bixby runs ok

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Re: CANT GET DIALED IN!!
Posted by Stermerfarm - 01 Dec 2012 00:14

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Yes the new home is tight but I did use the Bixby vent kit. I blame most of my problems on runing it on #1 and using pellets (corn stove), when I turn it to #3 it seams to run better , we have had a few nights in the teens and days in the 20's but as a norm #1 or 2 is as high as we have had to set it. It does run very well with pellets though.

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Re: CANT GET DIALED IN!!
Posted by jawquin - 01 Dec 2012 00:36

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Stove will run fine on 1 for long periods of time as in days or weeks at a time if you want it too. It will have to be adjusted. If you have cable it makes it easier because you can look at the percentages.

Got cable? 2&3 blinks are easy to fix.

About lean burn threshold adjustments

Sets the sensitivity threshold used to determine when the

stove will enter lean burn recovery mode. This is a percentage

of the dynamically calculated drop limit value that is printed

in Telemetry. The drop limit determines the amount the exhaust

temperature can drop before declaring a blocked flue shutdown.

In the 2.06 software, this was fixed at 25 percent; therefore,

if this were set to 50 percent, the stove would be less likely

to enter the lean burn recovery mode, while maintaining the

same sentitivity to have a blocked flue shutdown. If recovery

mode is entered, the LB fan adjustment and LB feed adjustment

values are applied just as the trim pot values are.

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forum.iburncorn.com/viewtopic.php?t=1231...threshhold+threshold

Example is from 115 software but I have looked at 120 download

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Re: CANT GET DIALED IN!!
Posted by jawquin - 01 Dec 2012 01:38

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Re: CANT GET DIALED IN!!
Posted by jawquin - 01 Dec 2012 01:44

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Refresher for those new or havent been in Bixcheck much. My memory has failed but here is a tip.

When you have Bixcheck Monitor open and maybe a Fuel Table open you can click the Help Button in the Monitor and then Click a button ie the LB Threshold % I show in this screenshot for a brief help description.

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Re: CANT GET DIALED IN!!
Posted by Stermerfarm - 01 Dec 2012 03:05

Were do you get the cables to hook up to a lap top ?

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Re: CANT GET DIALED IN!!
Posted by rona - 01 Dec 2012 03:14

I sell the cable and a cd with latest 2.71 software. Send me a PM on I Burn corn for more details.

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Re: CANT GET DIALED IN!!
Posted by jawquin - 01 Dec 2012 05:18

To dial stove in properly will require a bit of time but will reward well. I haven't hooked laptop to stove for a few seasons now but can only explain a bit of process I used. It may not work for you.

Run stove for a few days, let it get somewhat dirty, not filthy, then it's ready to adjust.

Turn off the LBR(Lean Burn Recovery) This is important because how can you adjust a stove if the stove is adjusting on it's own while you are trying to adjust it.

Pick a level and leave it there. Look at knobs and correlate - and + these are required to get your first changes in the ballpark with the Fuel Table. You have to adjust numbers. Put knobs on 0,0 and start adjusting the number on the setting in the table. When everything is set properly and ash dump is set correct then you can move to another level.

The reason for setting the Fuel/Air tables correct with knobs 0,0 is so if you do change supply of fuel and stove isn't quite right you only have to make a small adjustment to 1 knob. Chance of success is much greater.

When everything is set in your config and working correctly turn the LBR back on and adjust but set it to your config and liking so the stove can compensate a bit.

Oh well enough rambling.

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Re: CANT GET DIALED IN!!

Posted by Stermerfarm - 01 Dec 2012 14:18

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PM sent

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