Baby is having problem with room fan

Posted by BELLSBURNER - 27 Nov 2012 01:15

Hi all;

I've had my Baby now going on 7 years and this is the first time I've encountered any problems. First off, my Baby is the AC version. The problem I am having is that the room fan runs for about 10 minutes or so, then it shuts off. I first thought the motor may be going out, but I checked voltage to the motor and there wasn't any. I shut the stove down and allowed it to cool, then restarted, and the fan started as it should and also had proper voltage.

For now, I just wired the room fan to a 120v pigtail with a switch so I can control it. Since the Baby is our only heat source, it needs to run. Cold in Southern Ohio right now.

Does this sound like a control board issue, or possibly a problem with a snap disk? If a snap disk, what is the proper way to check them?

Thanks in advance for the help.

Tim

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Re: Baby is having problem with room fan

Posted by BELLSBURNER - 27 Nov 2012 02:09

Well, by accident, I may have figured out the problem. Does the room fan motor have a built in over temp? While I was typing my post for help, the fan quit again, this time not wired thru the control board. When I open up the Baby to check her out, I touched the fan motor. It was very hot, not melt down hot, but definitely hotter than normal. I didn't notice this when I wired it direct, but I did let the stove cool down first. Still doesn't make since why the control board wasn't sending voltage, unless it also has a safety.

Now I guess I'm on a search for a motor or fan assembly. Kerosene heaters until then.

Thanks again all;

Tim

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Re: Baby is having problem with room fan

Posted by rdaly - 27 Nov 2012 11:40

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Bellsburner, Im one that likes to investigate a motor before I throw it away. An overheat situation could be a problem with the windings, or it could be dust trapped in the motor, or a dry bearing. I would blow it out good with compressed air and check the bearings first. Most of the babys room fan motors have oilers. They're not marked, and not easy to see.

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Re: Baby is having problem with room fan

Posted by BELLSBURNER - 27 Nov 2012 14:12

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rdaly; I'm the same way, that's why it was hard for me to accept the fact it was overheating. I have always oiled the motor since new, it gets cleaned once a month during the burning season, and I've had it apart to lube the bearings with high temp grease several times. I had serviced everything before burning started this year, late October, and everything had been fine until last night. The motor spins very free and I don't hear anything loose inside. I will try to take it apart when time permits, my work schedule is very odd the next 3 days.

Thanks for your insight and help.

Tim

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