

breckwell p22 pellet stove manual



File Name: breckwell p22 pellet stove manual.pdf

Size: 1571 KB

Type: PDF, ePub, eBook

Category: Book

Uploaded: 12 May 2019, 22:44 PM

Rating: 4.6/5 from 610 votes.

Status: AVAILABLE

Last checked: 7 Minutes ago!

In order to read or download breckwell p22 pellet stove manual ebook, you need to create a FREE account.

[**Download Now!**](#)

eBook includes PDF, ePub and Kindle version

[Register a free 1 month Trial Account.](#)

[Download as many books as you like \(Personal use\)](#)

[Cancel the membership at any time if not satisfied.](#)

[Join Over 80000 Happy Readers](#)

Book Descriptions:

We have made it easy for you to find a PDF Ebooks without any digging. And by having access to our ebooks online or by storing it on your computer, you have convenient answers with breckwell p22 pellet stove manual . To get started finding breckwell p22 pellet stove manual , you are right to find our website which has a comprehensive collection of manuals listed.

Our library is the biggest of these that have literally hundreds of thousands of different products represented.



Book Descriptions:

breckwell p22 pellet stove manual

For your safety, follow the installation directions. You are now prepared to burn. Do not operate your stove if you smell smoke. Never try to repair or replace any. Page 4 4 TABLE OF CONTENTS Height 28 " with legs or pedestal. Depth 24". Weight 185 lbs. Page 6 Venting 6 INSTALLATION Equivalent Vent Length EVL. The longer the run of pipe in your installation both with inserts and. Page 8 8 INSTALLATION Page 10 Insert Installations 10 INSTALLATION Page 11 INSTALLATION 11 When installing into a. Page 14 Panel Controls 14 OPERATION Page 15 ReStarting a Warm Stove OPERATION 15 Page 17 Thermostat Installation THERMOSTAT INSTALLATION 17 Page 18 Please Read This Operating Safety Precautions 18 OPERATION Keep children, clothing, and furniture away. Contact. Page 19 Cleaning MAINTENANCE 19 Possible Causes Possible Remedies Unplug stove first. Page 24 24 TROUBLESHOOTING GUIDE Page 25 TROUBLESHOOTING GUIDE 25 Page 26 26 TROUBLESHOOTING GUIDE. Page 27 Smoke Smell or Soot BuildUp TROUBLESHOOTING GUIDE 27 Page 28 ELECTRICAL DIAGRAM 28 ELECTRICAL DIAGRAM Contact an Authorized Breckwell Pellet Stove Dealer to obtain any of these parts. Never use Breckwell Hearth Products warrants to the original consumer purchaser that the Breckwell stove. Come Home to the Warmth. Because Breckwell is always improving our product, specifications are subject to change without notice. See installation and Operating instructions manual for specifications details. To avoid personal injury or property damage, these products must be installed, operated and maintained in strict compliance with the instructions packaged with the product. Click to see the Breckwell Hearth Products P22 Pellet Stove Owners Manual. That being said, It has all the facilities of the more expensive stoves. A hopper extension allows a capacity of 110 lbs. This stove is supplied as the basic insert unit. You decide whether to specify a pedestal base or the leg option. The legs come in either nickel or black. <http://dylogistics.com/userData/board/eaton-fuller-18-speed-transmission-repair-manual.xml>

- **breckwell p22 pellet stove manual, breckwell p22 pellet stove troubleshooting, breckwell p22 pellet stove parts, breckwell p22 pellet stove manual, breckwell p22 pellet stove manual, breckwell p22 pellet stove manual pdf, breckwell p22 pellet stove manual diagram, breckwell p22 pellet stove manual for sale, breckwell p22 pellet stove manual parts, breckwell p22 pellet stove manual download, breckwell p22 pellet stove manual review, breckwell p22 pellet stove manual guide, breckwell p22 pellet stove manual 2017, breckwell p22 pellet stove manual.**

The control board has some trouble shooting diagnostics which, with the manual, will help to pin down possible problems. The P22 has a large ash capacity for a stove of this size, it is recommended to be emptied only after burning a ton of fuel. See comments below. Top Vent No Rear Vent Yes Rear Vent Height Freestanding 11 in. Insert 2.5 in. Battery Backup No Five years Steel fabricated components. 10% discount on components after the warranty has expired. Original purchaser only. Options Wall Thermostat Hand held thermostat Nickel or gold door trim. Nickel or black legs Pedestal Hopper extension to increase capacity to 110 lbs. Freestanding only. Ceramic logs Ceramic brick panel Dimensions for Breckwell P22 Fireplace Insert Width 22 in Depth 12 in Insert Surround Dimensions 30 in. by 39 in. This is being replaced with the CE029 fan. Try to make sure the newer fan is fitted. Its recommended that the Breckwell P22 not be run for more than an hour at a time on the high heat setting to prevent damage. The hopper extension, while being a useful addition, does not improve the looks of the stove. The P22 does not have an ash pan. Ashes must be scraped into a suitable non combustible receptacle. Weekly Empty the burn pot, clean the glass, brush out the combustion chamber and clean the heat exchange tubes. Annually, or for every ton of fuel. Empty

ashes, clean interior venting, clean the blades of the combustion and convection blowers, clean the vent system, inspect the gaskets, empty and vacuum the hopper. The understated style and clean Optional brick kit and log set add a realistic look to the fire, and the Available Options Page Manufacturer warrants to the original consumer purchaser that the <http://adarlingroom.com/musicshop/userfiles/eaton-fuller-18-speed-transmission-service-manual.xml>

Breckwell pellet stove in its original installation is free from defects NOT COVERED Specifically not covered under Smoking is attributable to LIMITATIONS AND EXCLUSIONS The Manufacturer No other express warranty This warranty covers defect This warranty does not cover damage or breakage caused by improper Installing nonBreckwell components onto the unit would be considered Page Page Be the first to write a review Built with Volusion. This stove is in great shape, very clean inside and out with many new parts. It has the Ashley control panel with TStat hookup and Golden Eagle sticker on front. Manufacturers Description and specs It should be installed on a noncombustible surface like ceramic tile, cement board, or brick. It offers an energy efficient alternative to central heating, and its especially useful for heating rooms up to 1,500 square feet thanks to 40,000 BTUs of heating power. Use PFI Premium grade pellets for long life and excellent warmth. Simply push the power button, and the device will light itself. Make certain that the damper is completely closed during startup. Once the stove has been lit, you can adjust the flame and open the damper to control the level of heat. It's simple to use, and the unique design reduces the chances of blowback when operated as directed. Before lighting the fire, make sure there is an adequate amount of pellets in the 45 pound hopper. This helps improve efficiency and keeps the stove working efficiently. This model offers several safety triggers to prevent a hazardous situation. A high temperature thermodisc is included and includes two functions. The switch shuts down operation when it detects an overheating situation. The thermodisc shuts down the auger in cases where the blower malfunctions. When the systems safety features are tripped, a reset button must be pushed before restarting the stove. If the door is opened during operation, there is an automatic shutoff feature to protect your home.

It shuts down if the door isnt shut within 30 seconds. When the stove shuts down, simply close the door and press the power button to start again. For a better experience, please enable JavaScript in your browser before proceeding. It may not display this or other websites correctly. You should upgrade or use an alternative browser. First time was about a month ago when the convection blower froze up. We called the store where it was purchased and was told a number of things on how to tear down and clean. We did that and freed up the blower motor. Well for the past couple of weeks we are having to tear it down and clean the convection blower about every other day. Now for the past week we have been experiencing that the pellet stove will just shut off while running on the number 2 setting. We have to turn it back on and once it comes back on it just shuts down again. This has happened 2 times in the last hour or so. Any help would be great Thank You Im really curious why you would have to clean the convection blower every couple of days. How can it be getting that dirty that fast. Are you using it in a workshop or someplace that has a LOT of dust Without a bit more to go on it is hard to tell, some convection motors also can thermal off if this is the case and the blower is clean and properly oiled it is normally blower motor replacement time, then the high temperature circuit in your stove will shut down the stove. Also it is possible that the convection blower is not the cause of the current shutdowns. Every week we need to relube the convection blower. We use this pellet stove in our 1260 sq ft house. When it shuts down by itself, we cant set the pellet feed, cant reset it. Then in about a half hour it will shut back off and we go through the whole process all over again. Usually after this it will run for a day before it will go through the whole shut off thing again. Sure sounds like a new motor is needed.

How long have you been burning in that stove and how many bags have you burned since the last

total clean out and I'm not talking burn pot, receiver, and ash pan. We have had it for going on three years, so this will be the fourth winter for this pellet stove. We go through about a bag a day. And as for the last complete over haul was well I don't really know. But it got one today. Okay I think we have finally figured out some problems. Number one problem is the convection blower. We will need a new one. Thank you to all who have posted and said it is about time for a new convection blower. And the number two problem we think was that the exhaust pipe was half full of the fine powdery soot. We ended up removing both side panels and the back panel and removed the convection blower and the combustion blower. We blew them out and oiled the bearings. Blew out the auger motor, but did not tear the auger out completely. We did nothing to the high temp switch or the igniter. Air switch with hose we blew it out, blew the hose out and blew out the assembly itself. We checked the grounds and every wire lead, all are connected properly. The burn pot was removed, but we can't get the inner section of the burn pot to come out we didn't want to try to forcibly remove it. Ash doors in the fire box removed and cleaned. We put it all back together and everything seems to be working good for the time being. Now we just need to order a new convection blower. At least once a year when you do your top to bottom annual cleaning be sure to clean the motor by blowing compressed air into it, if possible. Do the same with the combustion motor also. I also have a vacuum going to collect whatever comes out of the motors. I suggest you try and get the inner burn pot out of the outer burn pot. The guides of the inner burn pot expand sometimes after being heated for a long time and make it difficult to remove. I have a P22 that is about 78 years old.

The burn pot fills to overflowing but the stove just smokes and does not ignite. The chamber fills with smoke and it starts getting into the house. I can see the spark telling me it is trying to light but it doesn't. The convection blower seems to work but not to full capacity as it turns very slowly at times. I took it out and cleaned it although I didn't blow it out with compressed air. My gut is telling me I need a new blower but don't want to spend the money if it is not that. I have been told that maybe there isn't enough airflow to light the stove. Is that possible? First time was about a month ago when the convection blower froze up. We called the store where it was purchased and was told a number of things on how to tear down and clean. We did that and freed up the blower motor. Well for the past couple of weeks we are having to tear it down and clean the convection blower about every other day. Now for the past week we have been experiencing that the pellet stove will just shut off while running on the number 2 setting. We have to turn it back on and once it comes back on it just shuts down again. This has happened 2 times in the last hour or so. Any help would be great. Thank You! I believe it is the AE33A I have a P22 that is about 78 years old. The burn pot fills to overflowing but the stove just smokes and does not ignite. The chamber fills with smoke and it starts getting into the house. I can see the spark telling me it is trying to light but it doesn't. The convection blower seems to work but not to full capacity as it turns very slowly at times. I took it out and cleaned it although I didn't blow it out with compressed air. My gut is telling me I need a new blower but don't want to spend the money if it is not that. I have been told that maybe there isn't enough airflow to light the stove. Is that possible? Take the blowers off clean them, clean the exhaust, take off the cleaning covers in firebox and clean everything in there.

Then put it all together again and use the leaf blower trick. Problem will probably be solved. If not check your combustion blower when it is running. Is it going strong, you can feel the air movement coming out of your exhaust pipe on startup before it gets hot. Should be moving about 60ish CFM on start, or you can hook up a volt meter for more accuracy. I don't have my book but off the top of my head it should be getting at least 90 volts on startup for a Breckwell. Take the blowers off clean them, clean the exhaust, take off the cleaning covers in firebox and clean everything in there. Then put it all together again and use the leaf blower trick. Problem will probably be solved. If not check your combustion blower when it is running. Is it going strong, you can feel the air movement coming out of your exhaust pipe on startup before it gets hot. Should be moving about 60ish CFM on start, or you can hook up a volt meter for more accuracy. I don't have my book but off the top of my head it

should be getting at least 90 volts on startup for a Breckwell. I have been experiencing this issue for a few years now. When I clean it starts up fine a few times but then goes back to the same old game of not lighting. If I play with the damper control I can usually get the stove to light but I shouldn't have to watch it and adjust the damper everytime. Can the length of the chimney be contributing to this issue. Mine goes through the wall to just outside the house. I don't have it going up above the roof. Just blowing straight outside the exterior wall. I have had it like this since new and didn't have a lighting issue back then. Have you watched the ignition cycle. Tell us exactly what takes place and how long it takes. Yes I have watched it numerous times. I have to watch it to make sure it lights. I usually play with the damper control moving it in and out trying to get it to light.

The fire box typically fills up with smoke. There are times when I play with damper control I can get it to light without too much smoke. Yes I have watched it numerous times. I have to watch it to make sure it lights. I usually play with the damper control moving it in and out trying to get it to light. The fire box typically fills up with smoke. There are times when I play with damper control I can get it to light without too much smoke. The igniter is probably not getting hot enough to ignite the pellets and it is causing the pellets to smolder but not fully ignite. Basically if the igniter works ignition is usually fast if there is enough air flow past the igniter and into the burn pot. If it is smoldering you don't have enough air usually because something between the air intake and the termination cap has ash in it. The igniter is too far forward acts as an air block or there is ash around the igniter in the sleeve the igniter is inside of. Then there is the ever popular burned out segment that slows down ignition and magnifies ash caused issues. They frequently develop a burned out segment and then go belly up. Are you saying to actually use a leaf blower on the stove. I have cleaned it out with a vacuum and broom several times. So no one thinks it is the blower then Are you saying to actually use a leaf blower on the stove. I have cleaned it out with a vacuum and broom several times. So no one thinks it is the blower then I am starting to wonder if it is the control board. Instead of the power button blinking like it usually does it stayed on. It ignited p ok but when I tried to adjust the feed rate nothing happened, the lights went through the 1,2,3, and 4 numbers but the fan stayed the same speed the whole time. I let it burn a few minutes and nothing ever changed. I hit the power button and it shut down and was in what I thought was the cool down cycle but the 2 blowers never shut down. I finally unplugged it and am going to try it again.

Any thoughts How old is the stove I have replaced the low limit disc before. When I unplugged it and let it sit i fired it back up and all cycles worked properly except I still have a good amount of smoke in the chamber before it ignites. I still don't know what the issue with the lighting is. Where should the air flow slide rod be when in ignition cycle. Also there is an electrical burning smell that I believe is coming from the convection blower. Usually a little less than half way out. That electrical smell is a bad sign. Sounds like the low limit switch went bad again. That smell means some electrical part is going. Could be the motor windings burning up! I usually do have the damper rod a little less than half way out. Stove is working just as it should except for the lighting and smell issues. I usually do have the damper rod a little less than half way out. Stove is working just as it should except for the lighting and smell issues. Your combustion fan can also have build up on it anything in the stove's system from air intake to and including the vent termination can if enough ash is in it slow down the ignition causing plenty of smoke. By continuing to use this site, you are consenting to our use of cookies. If you have a digital control board this will shut down the auger motor and igniter. The combustion blower should continue to run for about 10 minutes. When this light begins to flash the igniter and auger will shut down right away. The combustion blower will shut down after 10 minutes. It is recommended to leave pellet stoves disconnected from power when not in use for added electrical protection. The heat given off then diminishes greatly. Any ideas what's happening. The startup cycle is about 10-15 minutes long. That sounds like you have a combustion issue in the stove. Sometimes a lower quality pellet may produce less heat or a differently sized

pellet may require a feed cycle adjustment.

We have a helpful checklist for this here You can remove each one from the stove and connect it to wall power to try a bench test. The link I provided in the previous step includes a video tutorial demonstrating a combustion blower bench test. Be on the lookout for frayed or damaged wires that might be affecting the stove operation. Once the stove reaches the minimum temperature for the low limit snap disc to close and complete the feed circuit, the light remains solid green. The average time for that startup cycle is about 510 minutes. Let us know if you have any other questions or concerns. We are always happy to help. Still won't start. It's good that you replaced the tubing on the vacuum switch, but there are a few other things to check too. It's common for a bit of flyash to get stuck in the hose barb and cause a blockage. Make sure that the burnpot is clean and properly seated in the firebox. We recommend removing the burnpot and cleaning that area. If you can pull it out you need to replace the gasket on the door. Check all the wiring to be sure you don't have a loose connection somewhere. Check the combustion blower to make sure there is power to the motor. You can remove the combustion blower and bench test it to be sure the motor is good. You will also want to check the vacuum switch. You can bypass the vacuum switch after you have checked everything else. If the stove works the vacuum switch is likely bad. Hope this helps! Feel free to send us an email or give us a call if you need further assistance. I would recommend taking the blower out of the stove and thoroughly cleaning it, fins and all. Also, bench test the blower and confirm that it is running properly outside of the stove. Any suggestions You can remove this from the stove and bench test it to direct wall power. If the blower is fine, unhook the air hose from the air switch and blow through it to make sure it is not clogged or cracked.

If it is cracked, use a wire hanger or something similar to clean that out. If the ash door has a latch, make sure that this is properly latching and that this gasket is in good condition. If there is a small hole for the ashes to fall through under the burnpot, make sure that the slider plate is in place to seal off the firebox floor. Also, make sure that there is no blockage in the venting i.e. Birds nests, beehives, etc. Make sure that the gray wires are not loose at the Molex connector. If there is no current going to the combustion blower, check all wire connections. If all connections are good, it is an issue with the control board. To test the air switch, you will need to disconnect the air hose from the body of the stove. With the other end still attached to the air switch, very gently suck on the loose end of the hose. If you hear a click, the air switch is working. You will need to be extremely careful because too much vacuum can damage the air switch if it is working. Any ideas why that would happen Remove the panels and clean behind those. Clean the fan blades on the combustion and the convection blower. Also, clean the venting. It sounds like you might be losing vacuum on the higher settings. And then out of nowhere it shuts off and the green light blinks only. I can repower it by pushing the power button and it starts to work again everything works fine the blower etc.It sounds like there is a sensor that is shutting this off. It feeds pellets and will light the pellets but after 15 min it turns off and it stops dropping pellets.If this is the case, the Proof of Fire switch is faulty. You can test this switch by unplugging the stove and disconnecting the wires from either side. Connect those two wires using a jumper wire or a heavyduty paper clip. Plug the stove back in and run as normal. I hope this helps. I truly enjoyed reading it, you're a great author. I will ensure that I bookmark your blog and definitely will come back later in life.

I want to encourage yourself to continue your great posts, have a nice afternoon! If it is getting the correct power, there might be an issue with the auger motor. If you could advise of the model of your unit, I would be happy to look further into this for you! This type of clever work and coverage. Keep up the good works guys I've incorporated you guys to my personal blogroll. When you adhere to the suggested maintenance and cleaning schedule, you'll eliminate most of the operating problems associated with your pellet stove. If cleaning doesn't solve the problem, the manufacturer offers some other solutions to a few common occurrences. Follow the manufacturers recommendations for

maintenance and cleaning, which follow. Vacuum the ash pan as well. Thoroughly clean all the ash from these sections, including top, bottom, and both sides. If you see creosote accumulation when you clean the burning chamber, use a soft brush to clean the exchanger. Brush and vacuum the combustion and convection blowers. Replace the gasket on the combustion blower. Check for creosote accumulation, and wear and tear. If the blower is working, the stove has no mechanical problems. Check the door seal and the gaskets on the ash pan, and repair or replace if necessary. If the damper is open too far, the pellets aren't being burned completely because the flame isn't steady. Eventually the flame will die, but the stove will continue to feed pellets. At that point, the stove will shut off. Check the flame after 10 to 15 minutes. Continue in this way until you reach the right damper position for that heat setting. She also holds a celebrant certificate from the Celebrant Foundation and Institute. Morris writes for various websites and private clients. Show Comments.