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breckwell p231 manual

For your safety, follow the installation directions. You are now prepared to burnHeight 29" with pedestal, 28 " with legs. Depth 27" excluding ash. Page 6 Venting 6 INSTALLATIONPage 7 Freestanding Installations INSTALLATION 7. Equivalent Vent Length EVL. The longer the run of pipe in your installation both with insert and. Page 8 8 INSTALLATIONPage 9 INSTALLATION 9. B. VERTICALLY WITH NEW CHIMNEY SYSTEM Refer toNOTE Follow LVent chimney manufacturer's instructions. OPTION. Page 10 10 INSTALLATIONPage 11 Insert Installations INSTALLATION 11Page 15 Panel Controls OPERATION 15No other firestarter is necessary. The igniter. Page 17 Safety Features OPERATION 17Page 18 Thermostat Installation 18 THERMOSTAT INSTALLATIONPage 19 Please Read This Operating Safety Precautions OPERATION 19Page 20 Ash Disposal Insert 20 MAINTENANCEWhen your stove acts out of the ordinary, the first reaction is to call for help. Page 24 24 TROUBLESHOOTING GUIDEPage 25 TROUBLESHOOTING GUIDE 25Page 26 26 TROUBLESHOOTING GUIDEPage 27 TROUBLESHOOTING GUIDE 27. Page 28 Smoke Smell or Soot BuildUp 28 TROUBLESHOOTING GUIDEPage 29 ELECTRICAL DIAGRAM ELECTRICAL DIAGRAM 29. 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 industry 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 P23 Pellet Stove Owners Manual. Switches, motors, blowers and more are available at competitive prices, so you can get your pellet stove working as soon as possible.We sell the Anderol synthetic bearing oil for Fasco and other pellet stove blower motors that require oil lubric. The Stoves listed require 5FT you can cut if you need to if you need more rope you can. This Breckwell Thermodisc Low Temp Fits All Models Except

P6000.http://www.fotossc.pl/_files/crane-lifting-procedure-manual.xml

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The LowLimit or Proof of Fire Thermodisc is mounted on the C. This Blower is designed to pull combustion air through the stove and push it out through the. It is just a newer. Also fits the Austrof. If your stove gets too hot the switch will. Fits Breckwell P22 Maverick, P23 Sonora, P23I Sonora Insert, P24 Blazer, P24I Blazer Insert, P1000, B. Check your manual. Purchase The Breckwell Pellet Stove Contr. This burnpot fits most of the newer stoves that have an igniter. Breckwell Burnpot Assembly. This. This Breckwell Thermodisc Low Temp Fits All Models Except P6000. The LowLimit or Proof of Fire Thermodisc is mounted on the C. This gasket fits between the blower housing and the stove. It is designed for the AE027 combustion blower used. This is a safety sensor that will measure the a. The Igniter Element is used on all Breckwell models of Pellet Stoves from 1998 to present. 300 Watts, 120V AC, 4 inches l. Combustion blowers, motors, augers and more are in stock and ready to ship, so you can get your pellet stove back up and running as quickly as possible. Please try again. Please try again. In order to navigate out of this carousel please use your heading shortcut key to navigate to the next or previous heading. In order to navigate out of this carousel please use your heading shortcut key to navigate to the next or previous heading. Register a free business account Please try your search again later. Amazon calculates a product's star ratings based on a machine learned model instead of a raw data average. The model takes into account factors including the age of a rating, whether the ratings are from verified purchasers, and factors that

establish reviewer trustworthiness. Please try again later. Clemmon Brown 5.0 out of 5 stars Its very quiet compared to the previous three pellet stoves that Ive owned and had to replace. This stove is very light in weight compared to the previous ones and easy to move around when installing.<u>http://ymcchina.com/uploadfile/web_edit/crane-manual-book.xml</u>

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. Eek! Anyway, when you plug it in the whole panel lights up and it is unresponsive. We tried plugging it back in today and the fan came on but nothing else. It ran for about 30 minutes, beeped, and the panel lit up again. We bypassed the thermodisc and that didnt work. Does anyone else have some suggestions to what it might be Did you give the stove and venting a good cleaning at the end of the burn season. Do you have surge protection on the stove. Was it left plugged in all summer. On a thermostat check wiring connections. Manual manual.pdf Troubleshooting guide troubleshooting.pdf By continuing to use this site, you are consenting to our use of cookies. When you adhere to the suggested maintenance and cleaning schedule, youll eliminate most of the operating problems associated with your pellet stove. If cleaning doesnt 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 arent being burned completely because the flame isnt 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. 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 whats happening. The startup cycle is about 1015 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.

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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.

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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. The readouts can display temperature at Celsius or Fahrenheit according to your individual preference, and the childproof design ensures that little hands dont accidentally trip the system. The model features a builtin overheating protection switch and comes with an easytoaccess battery drawer so replacing batteries is a simple and hasslefree procedure for you.We recommend checking with the manufacturer or a local dealer to confirm a compatible remote control. We apologize for the inconvenience. How do you use it Will this work Subsequently, there should be no reason why this thermostatic remote wouldnt work. What is the best replacement. They all seem to have batteries inside.

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Ive installed a similar product years ago into a unit we have in our family room. I got this unit that is about 20 years old that was never used and it works fine and I put a blower in it but I want to put one of these in because it is so nice to set the temperature and not have to mess with it. The remote will allow you to program the desired room temperature set point. The appliance will then modulate the temperature in the room within 1.5 degrees of the programmed set point. Works great. Highly recommend.A google search led me to efireplace and the site is well laid out when I searched for the product with great descriptions and picultures of everything being sold. On top of that, pricing was better than other places that werent as easy to find what I was looking for! I texted the fireplace store for a replacement and the reply was prompt and very helpful. I made the purchase and received it as promised; I installed it and it works perfectly. Did a little happy danceThey even emailed the instruction manual link to me prior to receiving the remote control so I was ready when the unit arrived! This item was easy to install, set up was fast, item works exactly as advertised. Price and delivery was below what I would have paid where I bought the original. I had a similar Acumen years ago that took a beating and kept on ticking; unlike the version Im finding today. Once I found this website I sent a question to efireplacestore. It clearly states use with gas, however I recall the installer years ago saying even though its for gas you can use this one on your pellet stove. Efireplacestore emailed me back with some additional questions and even called Quadra Fire to ensure I could use this on my pellet stove. Works great Probably saved a good buck doing it myself.Does the job! I had a much better quality experience with this seller than I did before. The products are as states and work as designed. Love this supplier. Would definitely do business again when required.

After install the remote does not work. The manual switch on the receiver works but not the remote.Not as simple to install as detailed in instructions, but thats not a complaint on this seller. Once I got the wiring correct for my log set thermopile, it has worked GREAT. I gave it to my wife for Christmas and she loved it. I would recommend to a friend.No AC power required, which is what I wanted. Quick shipping and just what I needed!Upgrades to battery holder and temperature shield are a great improvement. It works great. Would buy again but hopefully dont have to. Very easy to install.Very good value and fast shipping. I recommend this to anyone who needs this model thermostat.Works perfectly. Enter your email for new arrivals and special offers. We believe that guality and style aren't mutually exclusive, and that form shouldn't follow function—they should arrive at the same time. Our products are built to last and are backed by the best warranty in the industry. Older stoves have a buildup of calcium, iron and carbon deposits on the inside walls of the internal ash chambers. This is exacerbated at 3 AM when the diurnal variation of pressure is at its nightime low. The control board does have an auger trim to increase the fuel feed on heat level one which feeds more pellets to keep the fire going but does not vary the combustion blower speed during this period to help increase the air pressure requirements to keep the vacuum switch closed and the stove running. The vacuum switch is a necessary safety device that cuts power to the auger and shuts the stove down when the combustion blower guits or dies so the house does not fill up with smoke. The control board does not increase and decrease the combustion exhaust blower speeds so a the damper may have to be readjusted for the low setting or the stove may die out. The air inlet damper can only be set for heat level 1 or 3, not both at the same time.

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If you wanted to run the stove on heat level 1 and then change it back to 3 you would have to adjust the damper again. I know a few people who own this stove and none of their stoves run well on heat level 1, especially if the altitude of the installation makes it hard to set the damper. Different air pressures at different altitudes make it difficult. However, since the combustion blower always runs on high speed, there is a way to boost the combustion blower and make up for this discrepancy and keep the same damper setting. The older panels have a yellow background. I have a lot experience installing exhaust blowers for many stove brands. I found that Magnum Baby Countryside stoves using their upgraded exhaust blowers with large impellers burn wood pellets better. The original Baby Countryside stoves using blowers with small blades were installed for the stoves to burn corn. Quadrafire pellet stoves and small Travis stoves use large blades as well. With that in mind, I installed a combustion blower with large petal blades in the Breckwell Big E. I discovered when the

stove started that it defaulted to heat level 1 and remained on after the initial damper setting. The next morning was cold 32 Degs outside. The stove started and the Hi setting was set to 3. The workshop slowly warmed up and when the TStat hit 67 Degs It has a 2 Degree swing I heard the click and the TStat contacts opened up. I saw the pellet feed slow and the height of the fire die down to the level 1 setting. The control panel light does not change, it still had the 3 heat level lit but I could hear the convection fan speed drop to the heat level 1 speed. The was still one catch. I did this test twice, the 1st time with the default auger trim setting at medium which is the middle of the 3 choices, the stove died out from not having enough pellets. Finally on this second test, when the TStat was satisfied and the heat level dropped to heat level 1, the stove kept running fine.

Therefore, adjusting the heat level was no longer an issue. No need to adjust the damper. I also observed that the stove lighted up more quickly after installing the new blower with larger impeller blades compared to the smaller impellers. The pellets also seemed to burn more completely. There were no unburnt pellets in the ash pan. See below for a comparison of impeller petal size. Left Small. Right Large To test his stove, I connected the manometer to the nipple on the back left side of the firewall and connected an AC cord to the original exhaust blower. I got 0.43 WC. WC measures Air pressure in Water Column, which is what is used to measure draft level. I went back to my shop and made the same measurement with the large petal impellers and got 0.72 WC. This is an increase of 0.29 WC. Usually, the controller sets the draft fan to operate on high during start up and when the stove is set to the highest heat level, but the Breckwell always runs the combustion blower on high. The AC test cord provides full draft 120 vac voltage to the exhaust blower so my tests are the same as if the stove is running. A hotter fire on higher heat levels creates more air pressure. Therefore when the stove is on heat level 1 with lower air pressure, the large petal impellers maintain a higher air pressure. Thus, the vacuum switch will remain closed and the stove will keep running. Testing this stove shows it running all day on heat level 1 approximately 200 Degrees F out of the heat exchangers. The higher heat levels put out effective heat as well. Middle WC measured with large petal impellers. Right Heat output on heat level 1. This may not be true for all models so larger housing may be needed. In that case, a new housing can be bolted on and the large impellers can be installed. Sometimes, you can transfer the original snap disc to the new housing. Occasionally, you may need a replacement depending on the size and condition.

Also, a surface mount F120 snap disc will work regardless of whether there is a hole or what size the hole is. If there is a hole, it will cover it. Most large impeller blowers come with a motor that has more current capability. I have seen motors from 1.35 amps up to 1.75 amps. Check your motor tag. Pellet Stove Parts, Accessories, and Hearth Supplies. Please check your inbox, and if you can't find it, check your spam folder to make sure it didnt end up there. Please also check your spam folder. Contact local building or fire officials about restrictions and installation inspection requirements in your area. Failure to follow these instructions could result in property damage, bodily injury, or even death. You are now prepared to burn wood in the most efficient, convenient way possible. To achieve the safest, most efficient and most enjoyable performance from your stove, you must do three things 1 Install it properly; The purpose of this manual is to help you do all three. Failure to follow these instructions could result in property damage, bodily injury or even death. It is designed for residential installation according to current national and local building codes as a freestanding room heater. It is also approved as a mobile home heater which is designed for connection to an outside combustion air source. Any blockage of the air supply to or from the stove will seriously degrade its performance and will be evidenced by a smoking exhaust and a sooting window. Avoid high ash content fuels because this will rapidly fill up the burn pot and eventually cut off the combustion air supply. We suggest that Turn it off, monitor it, and call your dealer. Keep all such liquids well away from the stove while in use. If an outage does occur, check the stove for smoke spillage and open a window if any smoke spills into the room. Turn the stove off, periodically inspect it, and call your dealer. Notify your insurance company of this stove as well.

The instructions must be strictly adhered to. Do not use makeshift methods or compromise in the installation. Failure to maintain your stove may lead to smoke spillage in your home. Do not use an adapter plug or sever the grounding plug. Do not route the electrical cord underneath, in front of, or over the stove. All other work should be done by a trained technician. This manual has important operating and maintenance instructions that you will need at a later time. Always follow the instructions in this manual. Turn the stove off, periodically inspect it, and call your dealer. Keep children, clothing, and furniture away. Contact may cause skin burns. Educate all children of the danger of a high temperature stove. Young children should be supervised when they are in the same room as the stove. It is recommended that the stove be unplugged when not in use for extended amounts of time i.e. during the summer months. We also suggest that all horizontal connector joints be sealed with UL181AP foil tape. Ashes must be disposed in a metal container with a tight lid and placed on a no combustible surface well away from the home structure. Any other type of fuel burned in this heater will void the warranty and safety listing. Access to the rear of the stove is necessary. Check local codes for approved alternatives. From 5 to 10 feet use 2 " inside diameter pipe. No combustion air supply may exceed 10 feet. A closeable outside air register can be used in tightly insulated homes. In insert installations, flashing vents should not be restricted. The flashing should not necessarily seal the fireplace face. The stove was tested with Simpson Duravent brand. Class "A" chimney is not required. Refer to the instructions provided by the vent manufacturer, especially when passing through a wall, ceiling or roof. We also suggest that all horizontal connector joints be sealed with UL181 AP foil tape. Therefore, larger diameter pipe should be used.

An 8foot vertical pipe run is suggested where possible to reduce the possibility of smoke spillage in the event of a loss of negative pressure. Exhaust gases can reach temperatures of 500F and cause serious burns if touched. Mobile home installations must use a spark arrester. Locate stove. Drop plumb bob to center of tee outlet, mark point on ceiling. Install ceiling support and LVent pipe per LVent manufacturer's instructions. When passing through additional floors or ceilings, always install firestop spacer. Install upper edge and sides of flashing under roofing materials, nail to the roof along upper edge. Do not nail lower edge. Seal nail heads with nonhardening waterproof mastic. Slide storm collar down until it sits on the flashing. Seal and install cap. Mobile home installations must use a spark arrester. If outside combustion air is to be used, you will need a pipe length equal to the chimney height plus 18 inches. Use RTV, metallic tape, and a minimum of three selftaping screws at all joint connections to ensure a tight seal. Cut out holes for chimney pipe, and if used the outside air pipe. Install and seal with nonhardening mastic to prevent water leakage. Install vent cap. Use a 4inch diameter hole for 3inch pipe and 5inch diameter hole for 4inch pipe. Cut out holes for chimney pipe, and if used the outside air pipe. Slip the storm collar over the pipe, and while holding the pipe at the proper elevation, affix the collar with a minimum of three " stainless steel sheet metal screws. Seal all joints and seams around the collar. Push the pipe into the tee while twisting it to lock it into the tee. An adjustable pipe length and adapter may be needed to finish the connection to the stove. Create one here. Posted By b4djslyde, Mar 9, 2008 at 640 AM.Englander 13NCI wood insert in the living room fireplace Stop hovering to collapse Find great deals on eBay for breckwell p241 pellet stove. Shop with confidence. Skip to main content. ASINSERT See more like this.

PV003 Pellet Stove Auger Motor 120V, 0.51A, 1RPM, Spade Buy Breckwell Wood Stoves Breckwells commitment to excellence has brought them continued success in the industry.Breckwells goal is simple offer affordable heating products to customers looking for alternative solutions for home heating. The P24 Insert is approved for installation into code complying masonry fireplaces. Breckwell is a leading manufacturer of pellet, wood and gas burning stoves and we only carry their very best parts available on the market today. If you need to replace or repair your Breckwell stove parts, youll find everything youre looking for right here in our store. Pellet Stove Burn Pot for Breckwell ASInsert Stainless Steel See more like this. Buy Breckweel wood pellet fireplace inserts

and gas wood stove furance repair parts at great prices. Breckwell fireplaces, pellet and wood stoves are the top brand in national fireplace heating products. Burn Pot Insert Stainless Steel This is just the stainless steel burn pot insert. It is not the entire assembly. The stainless steel insert and cast insert are interchangeable, though airflow is slightly different and you may need to adjust your damper settings some for optimal performance if you change your insert type.

For your safety, follow the installation directions. Contact local building or fire officials about restrictions and installation inspection requirements in your area. PLEASE read this entire manual before installation and use of this pellet fuelburning room heater. Failure to follow these instructions could result in property damage, bodily injury, or even death. Page 2 INTRODUCTION Thank you for purchasing the Breckwell Pellet Burning Stove. You are now prepared to burn wood in the most efficient, convenient way possible. To achieve the safest, most efficient and most enjoyable performance from your stove, you must do three things 1 Install it properly; 2 Operate it correctly; and 3 Maintain it regularly. The purpose of this manual is to help you do all three. Turn it off, monitor it, and call your dealer. Never use gasoline, gasolinetype lantern fuel, kerosene, charcoal lighter fluid, or similar liquids to start or "freshen up" a fire in this stove. Keep all such liquids well away from the stove while in use. Never block free airflow through the open vents of the stove. Pedestal 40 lbs. Legs 13 lbs. Flue size 3" or 4" Hopper Capacity Up to 60 lbs. this can vary widely depending on pellet size, length, and diameter EPA status exempt Burn time 1 lb. to 5 lbs. Page 6 INSTALLATION COMBUSTION AIR SUPPLY For a mobile home installation the stove must be connected to an outside source of combustion air. A 2" inside diameter metallic pipe, either flexible or rigid, may be attached to the inlet at the stove's rear refer to figures 5 and 6. Page 7 INSTALLATION 7 Equivalent Vent Length EVL The longer the run of pipe in your installation both with insert and freestanding models, the more restriction there is in the system. Page 9 INSTALLATION B. VERTICALLY WITH NEW CHIMNEY SYSTEM Refer to Figure 10 NOTE Follow LVent chimney manufacturer's instructions. OPTION To achieve a center vertical installation a 45.OPTION Install LVent elbow in place of cleanout tee. Locate stove.

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