

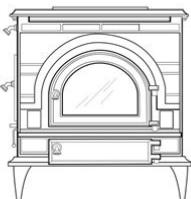
Dutchwest Model 2460 Manual

DUTCHWEST

Catalytic Convection Heater
Installation and Operating Manual
Models 2460, 2461, 2462

SAFETY NOTICE
If this heater is not properly installed, operated, and maintained, a house fire may result. For safety, follow all installation, operation and maintenance directions. Contact local building officials about restrictions and installation inspection requirements in your area.

NATIONAL FIREPLACE INSTITUTE
We recommend that our woodburning hearth products be installed and serviced by professionals who are certified in the U.S. by the National Fireplace Institute® (NFI) as NFI Woodburning Specialists or who are certified in Canada by Wood Energy Technical Training (WETT).



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Book Descriptions:

Dutchwest Model 2460 Manual

SAFETY NOTICE Next Page 2 DutchwestPage 3 Specifications DutchwestOPERATED AND MAINTAINED, A. Page 5 DutchwestA prefabricated metal chimney must be one tested and the Chimney ConnectorPage 7 DutchwestThe Dutchwest Convection heaters may be connected Elbow. Page 8 DutchwestThe Convection heaters may be installed either without nector. Page 9 Dutchwest. A ushmounted sheet metal cover may be used on onePage 10 Dutchwest. To install the heater without legs as a replace insert, Clearance is the distance between either your stove or. Page 11 DutchwestFig. 14 Extra oor protection may be required. Page 12 Clearances DutchwestThe section that follows contains charts with the infor Refer to. Page 13 DutchwestModel 2460 Small Convection, and Model 2461 Large ConvectionDutchwest Convection Heaters equipped with rear heat shields. Page 15 DutchwestYour convection heater requires some assembly. Left Leg. Follow the directions carefully and refer to the partsThe Dutchwest Convection Heater has two air controlsThe Damper is operated by moving the handle on Your heater is designed. Page 19 DutchwestNo single combination of. Page 20 DutchwestSafe Ash Handling. Page 22 Maintenance DutchwestPage 24 DutchwestPage 25 DutchwestTWO WEEKS There are two ways to evaluate the. Page 26 DutchwestPage 27 DutchwestIn any chemical reaction, including the combustion Masking and PoisoningPage 28 DutchwestYour stove is only one part of a system that includes thePage 29 DutchwestYour stove requires a dedicated ue. Do not connect the Backpufng is a condition that. Page 30 Illustrated Parts List DutchwestModels 2460, 2461, 2462 continuedPage 32 Warranty. Limited 3 Year Warranty 1. This warranty is transferable; however, proof of original retail. This is a copy from a 1995 Dealer Service Manual As a locallyowned small business deeply committed to the community we call home, the health, safety and wellbeing of our customers, employees and their families are our top priorities.<http://doradong.com/fckeditor/editor/filemanager/connectors/php/fckeditor/upload/202009/deh-3050mp-manual.xml>

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We are closely monitoring the latest advice and recommendations from the Centers for Disease Control and Prevention CDC. Check the status of your order, cancel or return items. Please allow 4 business days for your order to be shipped, more info. Stay safe everyone.Price was reasonable and had assurances knowing it was a Google Trusted Store. Contact local building ofcials about restrictions and installation inspection requirements in your area. S A F E T Y N O T I C E 1 2 3. 32 Summary of content 32 pages Page 1 Convection Heater Model 2460, 2461, 2462 Homeowner's Installation and Operating Manual SAFETY NOTICE If this heater is not properly installed, operated, and maintained, a house re may result. For safety, follow all installation, operation and maintenance directions. PLEASE NOTE Please read this entire manual berfore you install and use your new room heater. Failure to follow instructions my result in property damage, bodily injury or loss of life. Page 4 Dutchwest Installation SAFETY NOTICE IF YOUR DUTCHWEST CONVECTION HEATER IS NOT PROPERLY INSTALLED, OPERATED AND MAINTAINED, A HOUSE FIRE MAY RESULT.The recommended maximum length of a horizontal run is 3 feet 1m and the total length of chimney connector should be no longer than 8 feet 2.5m. Page 6 Dutchwest DoubleWall Connector Information on assembling and installing doublewall connectors is provided by the manufacturer of the doublewall pipe. Follow the manufacturer's installation instructions exactly. Most manufacturers

of prefabricated doublewall insulated chimneys also offer doublewall connector pipes. Using a chimney and connector pipe from the same manufacturer helps simplify the assembly and installation. 2. Page 7 Dutchwest Securing the Connector to a Masonry Chimney The Dutchwest Convection heaters may be connected to either a freestanding masonry chimney or a masonry replace chimney. <http://www.location-chalet-jura.eu/img/deh-3130r-manual.xml>

Thimble Sleeve Flue Elbow Thimble Keep Sleeve End Flush with Flue Tile Freestanding Installations If the chimney connector must pass through a combustible wall to reach the chimney, follow the recommendations in the wall passthrough section that follows. Page 9 Dutchwest A ushmounted sheet metal cover may be used on one side only. If covers must be used on both sides, each cover must be mounted on noncombustible spacers at least 1" 25 mm clear of the wall. Your Dutchwest dealer or your local building inspector can provide details of other approved methods of passing a chimney connector through a combustible wall. Page 10 Dutchwest To install the heater without legs as a replace insert, the oor must be completely noncombustible, such as an unpainted concrete oor over earth. Many replaces do not satisfy the "completely noncombustible" requirement because the brick or concrete hearth in front of the replace opening usually is supported by heavy wooden framing as in Figure 13. Because heat passes readily through brick or concrete, it can easily pass through to the wood. Page 12 Dutchwest Designing a Safe Installation Clearance Chart Reference Diagrams The section that follows contains charts with the information that you'll need to make your installation safe. Included are a chart to tell you exactly where to cut the hole in the ceiling so that the stove will meet clearance requirements, a chart that gives stove clearances for all installations, and a chart to illustrate the required sizes of wall shields for various installations. These measurements indicate where the centerline of the ue collar will be for various installations. Measurements are from the centerline of the ue collar to the wall, not the wall protector. Page 16 Dutchwest Assembly Your convection heater requires some assembly. Follow the directions carefully and refer to the parts diagram at the back of this manual. CAUTION The Dutchwest Convection Heater is very heavy.

To prevent personal injury or damage, either to the stove or your home, have two or more people to help move it. Unpack the Parts Remove all loose parts from the rebox and the ash pan. Check to make sure all the parts are included and intact. Page 17 Dutchwest Operation Heater Controls and Features Air Controls The Dutchwest Convection Heater has two air controls that regulate the amount of air drawn into the stove. Generally, more air entering the stove allows the re to burn hotter and faster, while less air decreases heat output while prolonging the overall burn time. The Primary Air control lever is located at the lower front edge of the left side looking from the front of the stove. Fig. Page 18 Dutchwest Damper Function Burn Only HighQuality Fuel The Damper is operated by moving the handle on the upper left side of the stove. Fig. 24 It has two positions OPEN, to start the re and load fuel, and CLOSED, for greatest efcency and heat. When the damper is closed, exhaust gases pass through an insulated catalytic burner before owing into the chimney. Your heater is designed to burn natural wood only. Do not burn other fuels. Page 19 Dutchwest Use the Air Control Settings that Work Best for You Primary Air Catalyst Air No single combination of control settings will t every situation. Each installation will differ depending on the quality of the fuel, the amount of heat desired, and how long you wish the re to burn. Control settings also depend on your particular installation's "draft," or the force that moves air from the stove up through the chimney. Page 20 Dutchwest How to Build and Maintain a Wood Fire Loading Wood Your Dutchwest Convection Heater accepts wood from both the front and side. Front loading is useful for kindling a new re and adding an occasional log, however, we recommend side loading as most convenient when adding several logs at a time. Always be certain that the stove damper is open before opening either door.

Page 22 Dutchwest Maintenance Keep Your Stove Looking New and Working Its Best Small Locking

Nut Care of the Cast Iron Surface Striker Screw An occasional dusting with a dry rag will keep the painted cast iron of your Dutchwest Convection Heater looking new. If the paint needs retouching, allow the stove to cool completely. Wirebrush areas needing to be painted. Remove nonpainted components such as air controls or cover them with masking tape. Page 23 Dutchwest 3. Apply a thin bead of stove cement in the newlycleaned groove. 4. Lay the gasket into the groove. Wait until you are a couple inches from the end before you cut it. 5. Test the gasket by closing the door on a slip of paper as described above. Adjust the gasket in any areas where an inadequate seal is evident. Page 24 Dutchwest Cleaning the Chimney System The chimney system is composed of the chimney and the pipe that connects the stove to the chimney. Inspect the chimney and chimney connector at least twice monthly, and clean if necessary. When you first begin using the stove, check daily for creosote — a substance that can look like either thick tar or black, crisp flakes. Experience will show how often you need to clean to be safe. The frequency may even vary during the year. Pay particular attention to the horizontal runs of chimney connector, and the elbows. Clean the system if necessary. There are two each on both the left and the right side, just under the top plate overhang. With the bolts removed, lift the top. Page 27 Dutchwest Catalytic Combustor In any chemical reaction, including the combustion process, there are certain conditions which must be met before the reaction can take place. For example, a reaction may require a certain temperature, or a certain concentration of the reactants the combustion gases and oxygen, or a certain amount of time. Catalysts, though not changed themselves during the reaction, have the ability to act at a molecular level to change these requirements.

Page 28 Dutchwest Draft Management Your stove is only one part of a system that includes the chimney, the operator, the fuel, and the home. The other parts of the system will affect how well the stove works. When there is a good match between all the parts, the system works well. Wood stove operation depends on natural unforced draft. Natural draft occurs when exhaust gas is hotter and therefore lighter than the outdoor air at the top of the chimney. Page 29 Dutchwest Single Venting Backpuffng Your stove requires a dedicated ue. Do not connect the stove to a ue used by any other appliance. Chimney draft is a natural form of energy and follows the path of least resistance. If the stove is vented to a ue that also serves an open replace or another appliance, the draft will also pull air in through those avenues. The additional air ow will lower ue temperatures, reduce draft strength and promote creosote development; overall stove performance will suffer. Page 30 Dutchwest 58 23 29 60 24 55 34 54 32 6 2 61 5 7 56 21 62 55 8 54 4 22 9 31 30 36 10 53 50 20 48 59 57 13 16 41 3 17 1 12 11 43 33 38 35 45 42 18 40 39 47 14 63 13 19 37 CFM Corporation reserves the right to make changes in design, materials, specifications, prices and discontinue colors and products at any time, without notice. CFM Corporation will repair or replace, at its option, any part found to be defective upon inspection by a Dutchwest, Authorized Dealer. According to the Dutchwest parts catalog all the stoves use the same thermometer. It should fit your 2460 without a problem. Its nice to be able to gauge the temperature again! I need a thermometer in the stove to see how the combustor is performing. The probe on the thermometer is a little shorter than the original, however it works OK. It also came with a small bushing that I used. To prevent personal injury or damage, either to the stove or your home, have two or more people to help move it.

The four hexhead leg bolts have been installed in the appropriate holes in the bottom of the stove. If any parts are missing or damaged, immediately notify your Dutchwest dealer for replacements. Refer to the floor protection information found in the Installation Section of this manual. Attach the Legs and Bottom Heat Shield NOTE If heat shields are not properly installed and maintained, a house fire may result. For safety, follow these instructions. Contact local building officials about restrictions and installation inspection requirements in your area. 1. Place the stove on its back. Tilt it carefully, it is heavy. Use 4 x 4 blocking to make it easier to tilt the stove. Protect surrounding flooring. 2. The tops of the legs are slotted. Remove each leg bolt from the bottom of the stove and

then replace it with a heat shield bracket and a washer. Dutchwest. Catalytic. Wood Stoves Fast and Efficient. Beautiful and Convenient. They're fast starting, long burning, and just what you would expect from Dutchwest. Log Length. Maximum Burn Time. Heating Capacity. Maximum Heat Output. Efficiency Rating. EPA Emissions Rating. Weight. Flue Collar. Clearances with optional shields. Back. Corner Log Length. Corner Extra Large Convection. Log Length. Corner Exclusive Dutchwest Advantages Dual speed convection fan. Rear and bottom heat shield. Fan thermostat. Fan Rheostat. Optional Accessories In the interest of constant product Gas Regulations. Please see your Dealer or visit www.vermontcastings.com for. Convection System Great circulation — By keeping hot air moving, these catalytic stoves are a super efficient way to heat your room. Overfire Airwash Grime free glass — The stove circulates air across its front glass panel to keep it clear of soot and ash for a clear view of the fire at all times. Raised Griddle Stovetop satisfaction — A dedicated griddle area on top of the stove gives you a new way to cook some of your favorite meals.

The Catalytic combustion process uses a honeycombed ceramic chamber coated with a metal catalyst to increase the rate of combustion and lowering the burning temperature of the wood. Vermont Castings makes catalytic wood stoves with the highest EPA rating in the industry. Warming Shelf 1078 Warming shelves allow you to use your stove to warm gloves, mittens and other items. Stove Surface Thermometer 574 Provides an easy readout of the temperature of your stoves surface. Blower Kits 0000FT1, 0009973 A variety of fan kits are available to improve the performance of your woodburning stove. This page is for informational purposes only. Combine classic styling, sturdy cast iron construction, remarkable state of the art features and efficiency, and you have a wood stove that can't be beat. Three sizes are available small, medium and large to suit any heating need. Large glass front doors allow for maximum viewing and an optional convection air blower augments the superior radiant heating ability of cast iron construction to deliver heat throughout your home. Your home or clothes will not smell like you burn wood. no smoke smell at all from this wood stove. We heat 1010 square feet with the large size wood stove and we probably should have purchased the small size instead because it would have been plenty of heat for the area we are heating. The wood burns for hours and it leaves behind nice coals that are easy to restart the fire. This wood stove has glass in the front of the door so you can see the fire burn. is a nice feature and the glass is easy to clean. Also has an ash pan in the bottom that is easy to clean. This wood stove is high quality and nice looking. Was this review helpful to you. Columbia Falls, MT 59912 With wood stoves burning May fit other models of Vermont Castings stoves as well. Please check your owners manual for part numbers. The warranty is void if the part is installed in a unit the part was not designed for.

May fit other models of Vermont Castings stoves as well. Please check your owners manual for part numbers. Dutchwest 2479 Large. Fits the following models. Vermont Castings Wood. Fits the following models. Vermont Castings Wood. Dutchwest Extra Large Catalytic. Fits the following models. Vermont Castings Wood and Coal Stoves. Dutchwest. Dutchwest Extra Large Catalytic. Dutchwest Catalytic. Fits the following models. Dutchwest. Dutchwest Catalytic 9093 2183 . The number in parenthesis is the required feet of gasket you should buy for that stove model. Dutchwest Extra Large Catalytic 9093. Fits the following models Vermont Castings Woodstoves. Dutchwest Catalytic 9093 0002183. Dutchwest Catalytic 9093 0002181. Dutchwest Large. Fits the following models Vermont Castings Woodstoves. Dutchwest Extra Large Catalytic 9093 2184. Dutchwest Extra Large Catalytic. Fits the following models Vermont Castings Woodstoves. Dutchwest Convection Stove Large pre90. Fits the following models Vermont Castings Woodstoves. Dutchwest Extra Large Catalytic. 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. I need to remove the front damper setup, and hopefully the front facing wall to clean up and possibly replace the two vent flaps that are very rusty due to storage. Does anyone have pictures, more than the standard diagram of parts I keep finding. Basically, where are all the bolts for the front panel located. I found two up top under the lid. I already snapped on of the long

bolts that appear to hold the front venting system to the front wall. If I remove all four of those longer bolts that attach the front venting assembly, can I then remove that and expose the front wall bolts. I have a well equipped shop, so drilling out broken and snapped studs is something I can deal with, though not with a smile.

I figure if I do have to snap all four of the longer bolts for the venting assembly, so be it. Just as long as I can take the front panel off, get it to my machine and remove the remaining sections of bolt. I need to remove the front damper setup, and hopefully the front facing wall to clean up and possibly replace the two vent flaps that are very rusty due to storage. Just as long as I can take the front panel off, get it to my machine and remove the remaining sections of bolt. It goes together kinda like a puzzle. The sides, back and front all go onto the bottom of the stove and are cemented and bolted together at the same time. Which makes taking only the front off very difficult. Whats going on with it that requires it to be taken apart These stoves are know to have warped panels. If thats the case, its gonna be hard to get it back together if you take it apart. VC Dutchwest 2460 96. Swisher 22ton splitter, misc. Rancher 420, trailer. 5x8 trailer and a big Buick Be sure all your shell parts are still straight before breaking it down or it could get very costly rebuilding it. VC Dutchwest 2460 96. Rancher 420, trailer. 5x8 trailer and a big Buick Seems the only thing to do it remove the four long bolts and break them to get that flapper door assembly out of there and clean it up to working condition. Now this issue will be how to get those four long bolts out, which will have no heads and break off easily. Are they threaded into the front cast iron panel. I dont want to remove the front panel, but if I need to drill out the bolts, not sure I could fit a drill in there to do it right. That is why I am asking about how to remove the front panel, at least before I start snapping more bolts off. Rich

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I used the in line fuse and the speed controller. This will decrease the current draw on each battery and thus reduce how hot your battery gets, and as an added bonus give you more run time. Everything works great. Started a fire. Nice and warm. Few things I dont know how to do correctly. Do I leave the damper open the whole time the fire is going. I currently keep the door partially opened to get more airflow. If I close the door the fire goes out. I want to operate the stove efficiently so it keeps the whole house warm. I have a thermometer and a heat activated fan. All the videos I looked up says 1 log lasts about an hour but mine doesnt seem to last that long. It only heats the room the stove is in even with the fan and not the entire house. Theres also a dial or something of the sort that I have no idea what it does. A lot of this depends on the exact stove. With a Vermont castings defiant stove, the damper forces the fire into a reburn chamber which makes it burn the smoke and is more efficient, although not as hot. Damper closed, air throttle all the way closed is how I leave the stove when I'm at work or going to bed. When I need to heat the house up as fast as possible I open the damper and the air throttle all the way. When we want to open the front doors to have the ambiance of an open flame, you must leave the damper open so the smoke goes straight up the chimney. Make sure you run the stove hot once a day so that as much creosote as possible gets burned up on a regular basis. You want to keep the creosote cooked out of the chimney to avoids a chimney fire. I dont use it everyday since its not that cold yet but I intend to when the weather drops in the coming months I live in Maryland. Im hoping I can just use the fire stove instead of the expensive ass heating oil that I currently have. Not gonna lie. the setup is pretty makeshift. It goes out the window about 45 feet but only goes up the side of the house about 2 feet its not very high.

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