

## Panadero Condor 3 V Ecodesign 2022

# Panadero Condor 3 V Ecodesign 2022 Wood Stove Instruction Manual

Model: Condor 3 V Ecodesign 2022

## 1. INTRODUCTION

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Thank you for choosing the Panadero Condor 3 V Ecodesign 2022 wood stove. This manual provides essential information for the safe and efficient operation, installation, and maintenance of your new wood-burning appliance. Please read this manual thoroughly before installation and use, and keep it for future reference.

The Panadero Condor 3 V Ecodesign 2022 is designed to provide efficient heating for your home while adhering to modern ecological standards. Its robust construction and thoughtful design ensure reliable performance and a pleasant user experience.



*Image: The Panadero Condor 3 V Ecodesign 2022 wood stove, showcasing its modern design and the visible flames through the large glass door.*

## 2. SAFETY INFORMATION

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Operating a wood stove involves high temperatures and combustible materials. Adherence to safety guidelines is paramount to prevent property damage, injury, or fire. Always consult local building codes and regulations regarding wood stove installation and operation.

- **Professional Installation:** It is highly recommended that the installation of this wood stove be performed by a qualified and certified professional. Incorrect installation can lead to serious hazards.
- **Clearances to Combustibles:** Maintain adequate clearances from walls, furniture, drapes, and other

combustible materials as specified by local codes and the installer.

- **Fuel Type:** Only burn seasoned, dry wood. Do not burn trash, plastics, treated wood, or any other materials not specified for wood stoves, as this can damage the stove, create hazardous emissions, and void your warranty.
- **Carbon Monoxide:** Ensure proper ventilation and consider installing a carbon monoxide detector in your home.
- **Hot Surfaces:** The exterior surfaces of the stove become extremely hot during operation. Use heat-resistant gloves when operating the stove and keep children and pets away.
- **Ash Disposal:** Dispose of ashes in a metal container with a tight-fitting lid, away from combustible materials. Ashes can retain heat for several days.
- **Chimney and Flue:** Ensure the chimney and flue pipe are correctly sized, installed, and regularly inspected and cleaned to prevent creosote buildup and chimney fires.

### 3. UNPACKING AND INSPECTION

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Upon receiving your Panadero Condor 3 V Ecodesign 2022, carefully inspect the packaging for any signs of damage. If damage is observed, document it with photographs and contact your retailer immediately.

1. Carefully remove the stove from its packaging. It is heavy; use appropriate lifting equipment or assistance.
2. Inspect the stove for any visible damage, such as dents, scratches, or broken glass.
3. Verify that all components and accessories are present according to the packing list (if provided).



*Image: Various perspectives of the Panadero Condor 3 V Ecodesign 2022 wood stove, showing its front, side, and rear profiles.*

### 4. SETUP AND INSTALLATION

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Proper installation is critical for the safe and efficient operation of your wood stove. This section provides general guidelines; however, always refer to local building codes and consult with a certified installer.

- **Location:** Choose a location that allows for proper clearances to combustible materials and provides a stable, non-combustible hearth pad. The stove's weight (110 kg) requires a structurally sound floor.
- **Hearth Pad:** Install the stove on a non-combustible hearth pad that extends beyond the stove's footprint according to local regulations.
- **Chimney Connection:** Connect the stove to a properly sized and installed chimney system. Ensure all connections are sealed and secure to prevent smoke leakage. The chimney must be suitable for solid fuel appliances.
- **Air Supply:** Ensure adequate combustion air supply to the stove. In modern, tightly sealed homes, an external air supply may be necessary.

Component Identification

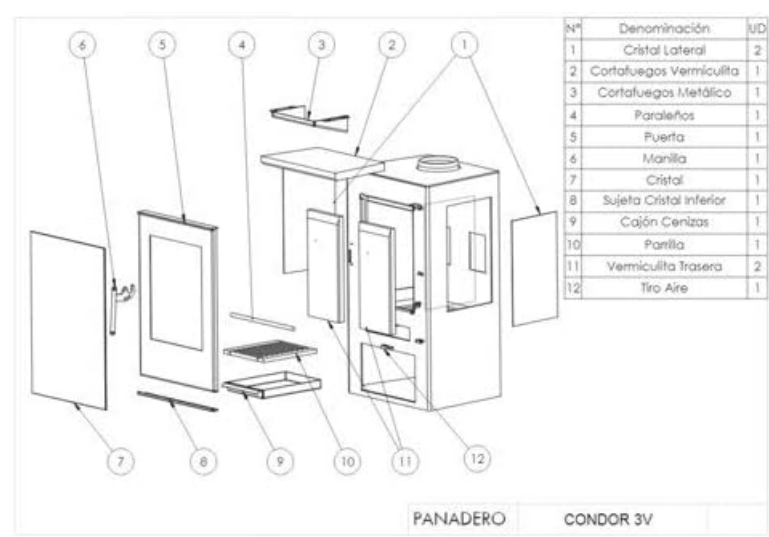


Image: An exploded diagram illustrating the internal and external components of the Panadero Condor 3 V Ecodesign 2022 wood stove.

Table 1: Main Components

No.	Component Name	Quantity
1	Side Glass	2
2	Vermiculite Firebreak	1
3	Metal Firebreak	1
4	Log Retainer	1
5	Door	1
6	Handle	1
7	Glass	1
8	Lower Glass Holder	1
9	Ash Drawer	1

No.	Component Name	Quantity
10	Grate	1
11	Rear Vermiculite	2
12	Air Intake	1

## 5. OPERATING INSTRUCTIONS

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Follow these steps for safe and efficient operation of your Panadero Condor 3 V Ecodesign 2022 wood stove.

### 5.1. Fuel

Only use dry, seasoned hardwood (e.g., oak, maple, ash). Wood should be seasoned for at least 6-12 months to reduce moisture content. Burning wet wood reduces efficiency, increases creosote buildup, and produces more smoke.

### 5.2. Lighting the Stove

1. Open the air intake control fully (refer to component 12 in Table 1).
2. Place crumpled newspaper or firelighters on the grate (component 10).
3. Place a small amount of kindling (small, dry pieces of wood) on top of the newspaper/firelighters.
4. Light the newspaper/firelighters.
5. Once the kindling is burning well, gradually add larger pieces of wood. Do not overload the firebox.
6. Close the door (component 5) securely once the fire is established.

### 5.3. Air Control

The air intake control (component 12) regulates the burn rate and heat output. Adjust it to achieve the desired flame and heat. Fully open for starting and refueling, partially close for sustained burning. Too little air can lead to incomplete combustion and creosote buildup.

### 5.4. Refueling

When adding more wood, open the air intake control fully for a few minutes before opening the door to prevent smoke spillage. Carefully open the door, add wood, and close the door securely. Adjust the air control once the new wood has ignited.

### 5.5. Ash Removal

Regularly remove ashes from the ash drawer (component 9) to maintain proper airflow and prevent the grate from being damaged. Do not allow ashes to build up to the level of the grate. Always use a metal shovel and dispose of ashes in a metal container with a tight-fitting lid, away from combustible materials.

## 6. MAINTENANCE

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Regular maintenance ensures the longevity and safe operation of your wood stove.

- **Glass Cleaning:** The glass (component 7) can be cleaned when the stove is cold using a specialized wood stove glass cleaner or a damp cloth dipped in ash.

- **Chimney Cleaning:** The chimney and flue pipe should be inspected and cleaned at least once a year, or more frequently depending on usage and fuel type, to remove creosote buildup. This should be done by a certified chimney sweep.
- **Gasket Inspection:** Periodically inspect the door gasket for wear and tear. A worn gasket can lead to air leaks, reducing efficiency and potentially causing smoke spillage. Replace if necessary.
- **Internal Components:** Check the vermiculite firebreaks (components 2 and 11) and the grate (component 10) for cracks or damage. Replace any damaged parts promptly.
- **Exterior Cleaning:** Clean the exterior of the stove with a soft, dry cloth. Do not use abrasive cleaners.

## 7. TROUBLESHOOTING

This section addresses common issues you might encounter with your wood stove.

Table 2: Troubleshooting Guide

Problem	Possible Cause	Solution
Smoke coming into the room	Poor draft, blocked chimney, wet wood, door opened too quickly.	Check chimney for blockages. Ensure air intake is open. Use dry wood. Open door slowly. Consider a chimney sweep.
Fire not burning well/low heat output	Wet wood, insufficient air supply, creosote buildup, chimney too cold.	Use dry wood. Open air intake. Clean chimney. Prime the flue by burning paper to warm it up.
Excessive burn rate/stove overheating	Air intake too open, faulty door gasket, stove overloaded.	Close air intake partially. Inspect and replace door gasket if necessary. Do not overload the firebox.
Glass blackening	Wet wood, insufficient air wash, low burning temperature.	Use dry wood. Ensure adequate air supply. Burn hotter for short periods to clean glass. Clean glass regularly.

## 8. SPECIFICATIONS

Key technical specifications for the Panadero Condor 3 V Ecodesign 2022 wood stove.

Feature	Value
Brand	Panadero
Model	Condor 3 V Ecodesign 2022
Color	Black
Item Weight	110 Kilograms
Material	Glass (for door), other materials not specified but typically steel/cast iron
Heat Output	74 Kilowatts
Assembly Required	No (refers to main unit, installation required)

Feature	Value
ASIN	B07Y343BZW

Image: The Panadero Condor 3 V Ecodesign 2022 wood stove installed in a living space, demonstrating its aesthetic integration.



### 9. WARRANTY AND SUPPORT

Information regarding the product warranty and availability of spare parts is not explicitly provided in the available data. Please contact your retailer or the manufacturer, Panadero, directly for detailed warranty terms, spare parts availability, and technical support.

It is advisable to retain your proof of purchase for any warranty claims.

### Related Documents - Condor 3 V Ecodesign 2022

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## Panadero CARDIFF/BRISTOL/DURHAM Wood Burning Stove: User Manual and Specifications

Comprehensive guide for the Panadero CARDIFF, BRISTOL, and DURHAM wood burning stoves, covering installation, operation, maintenance, safety, and technical specifications. Learn how to use your stove efficiently and safely.



Panadero Nevada Wood Burning Stove User Manual and Maintenance Guide

Comprehensive guide for the Panadero Nevada wood burning stove, covering installation, usage, maintenance, and safety instructions. Learn how to operate your stove efficiently and ensure its longevity.



[Panadero E-40 / FARO Ecodesign Wood Burning Stove: User Manual, Installation, and Maintenance Guide](#)

Comprehensive guide for the Panadero E-40 / FARO Ecodesign wood-burning stove, detailing installation, operation, fuel use, maintenance procedures, safety guidelines, and technical specifications.



[Panadero CANADA Eco Wood Burning Stove Manual: Installation, Usage & Maintenance](#)

Official installation, usage, and maintenance manual for the Panadero CANADA Eco wood burning stove. Learn about safe operation, fuel, cleaning, and technical specifications.



## Panadero Harmonie 3V Wood Burning Stove: User Manual & Specifications

Comprehensive guide for the Panadero Harmonie 3V wood burning stove, covering installation, operation, maintenance, fuel, and technical specifications. Learn how to use your stove efficiently and safely.