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› Comfortbilt HP42-Alpine Pellet Stove User Manual

## Comfortbilt HP42-Alpine

# Comfortbilt HP42-Alpine Pellet Stove User Manual

Model: HP42-Alpine

## 1. INTRODUCTION

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This manual provides essential instructions for the safe and efficient operation, installation, and maintenance of your Comfortbilt HP42-Alpine Pellet Stove. Please read this manual thoroughly before using the appliance.

## 2. SAFETY INFORMATION

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Always follow local building codes and regulations for installation and operation of pellet stoves. Ensure proper ventilation and clearance from combustible materials. Do not store flammable liquids near the stove. Only use approved wood pellets as fuel.

## 3. SETUP AND INSTALLATION

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Proper installation is crucial for the safe and efficient operation of your pellet stove. It is recommended that installation be performed by a qualified professional.

### 3.1 Unpacking and Placement

Carefully unpack the stove and inspect for any shipping damage. Place the stove on a non-combustible surface with adequate clearance from walls and other materials as specified by local codes and the stove's labels.



Image: Front and side view of the Comfortbilt HP42-Alpine pellet stove, illustrating its dimensions: 42 inches in height, 25 1/2 inches in depth, and 24 1/2 inches in width. This image helps in planning the placement of the stove.



Image: Rear view of the Comfortbilt HP42-Alpine pellet stove, highlighting the exhaust and air intake connections. Key dimensions for these connections are shown: 6 3/4 inches from the bottom to the center of the exhaust, 6 1/2 inches between the centers of the exhaust and air intake, and 8 1/2 inches from the sides to the centers of the connections. This is vital for proper venting installation.

### 3.2 Venting Requirements

The stove requires proper direct venting. Consult the installation guide for detailed instructions on connecting the

exhaust and air intake. Ensure all connections are sealed and meet safety standards.

### 3.3 Electrical Connection

Connect the stove to a grounded electrical outlet. It is recommended to use a heavy-duty battery backup system with a pure sine wave to protect the circuitry from power surges and outages.

## 4. OPERATING INSTRUCTIONS

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### 4.1 Loading Pellets

The HP42-Alpine features a spacious 120 lb hopper, reducing the frequency of refills. To load pellets, open the large hopper fill lid and pour in approved wood pellets. Avoid overfilling.



Image: A person demonstrates loading wood pellets into the top-mounted hopper of the Comfortbilt HP42-Alpine pellet stove. The large opening facilitates easy and convenient pellet loading.

### 4.2 Starting the Stove

Follow the startup procedure outlined in the control panel instructions. The stove will automatically ignite the pellets.

### 4.3 Temperature Control

The stove is equipped with internal temperature controls. You can also connect a remote thermostat for convenient temperature management. Adjust settings to achieve your desired room temperature.

Your browser does not support the video tag.

Video: An official product video from Comfortbilt showcasing the Alpine HP42 Pellet Stove. It highlights key features such as its heating capacity, large hopper, and temperature control options, including the use of a remote thermostat. The video also illustrates the ease of maintenance with its removable ash pan.

## 4.4 Shutting Down

To turn off the stove, follow the shutdown procedure in the control panel manual. Allow the stove to cool completely before performing any maintenance.

## 5. MAINTENANCE

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Regular maintenance ensures optimal performance and longevity of your pellet stove.

### 5.1 Ash Removal

The HP42-Alpine features a removable ash pan insert tray for easy cleaning. It is recommended to clean out the ash weekly to prevent buildup, which can affect stove performance and potentially cause shutdowns.



Image: A person is shown removing the ash pan from the lower compartment of the Comfortbilt HP42-Alpine pellet stove. This removable tray simplifies the process of cleaning ash from the stove.

### 5.2 General Cleaning

Periodically clean the stove's exterior and interior components as per the detailed instructions in the full product manual. Ensure the stove is cool before cleaning.

## 6. TROUBLESHOOTING

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This section addresses common issues you might encounter with your pellet stove. For persistent problems, contact customer support.

### 6.1 Stove Not Feeding Pellets / Shutting Off

If the stove stops feeding pellets or shuts off unexpectedly, check the vacuum pressure valve. A stuck valve can interrupt pellet flow. Gently tapping it may resolve the issue. Ensure the hopper is not empty and pellets are not

jammed.

## 6.2 Alarms and Error Codes

If the stove displays alarms or error codes, consult the specific error code section in the comprehensive manual for diagnostic steps. Some issues may stem from incorrect factory settings, requiring adjustment.

## 6.3 Unusual Noises

Unusual noises, such as a loud blower motor, may indicate a component issue. If the blower motor fails, it will need replacement. Contact customer support for assistance.

## 6.4 Smoke in the House

If smoke enters the house, immediately shut down the stove and unplug it. Check for blockages in the venting system or issues with the exhaust fan. Ensure proper seals on all components. This is a serious safety concern and requires immediate attention.

## 6.5 Circuitry Issues

The stove's circuitry can be sensitive to power surges and outages. Using a heavy-duty battery backup system with a pure sine wave is highly recommended to protect the circuit board from damage.

# 7. SPECIFICATIONS

Feature	Detail
Brand	Comfortbilt
Model Number	HP42-Alpine
Material	Alloy Steel
Color	Black
Assembly Required	No
Ventilation Type	Direct Vent
Fuel Type	Pellet
Efficiency	86.1%
Mounting Type	Freestanding
Heat Output	Up to 42,370 BTU/hour
Heating Area	Up to 2,800 sq ft
Hopper Capacity	120 lbs
Item Weight	313 pounds
Package Dimensions	42 x 27 x 25 inches
UPC	850009115379

## 8. WARRANTY AND CUSTOMER SUPPORT

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For warranty information, please refer to the documentation included with your purchase or visit the Comfortbilt official website. For technical assistance, troubleshooting not covered in this manual, or to order replacement parts, please contact Comfortbilt customer support.

Contact information for customer support can typically be found on the manufacturer's website or in your product packaging. When contacting support, please have your model number (HP42-Alpine) and purchase details available.