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› Comfortbilt HP50S Pellet Stove User Manual

## Comfortbilt HP50S

# Comfortbilt HP50S Pellet Stove User Manual

## INTRODUCTION

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This manual provides essential information for the safe and efficient operation, installation, and maintenance of your Comfortbilt HP50S Pellet Stove. Please read all instructions carefully before using the appliance. The Comfortbilt HP50S is designed to provide reliable heating with a compact European design, offering quality engineering and high heat output.





*Front view of the Comfortbilt HP50S Pellet Stove, showcasing its compact design and the visible flame through the glass door.*

## 1. SETUP AND INSTALLATION

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### 1.1 Placement

Ensure the stove is placed on a non-combustible surface and maintains proper clearances from combustible materials as per local building codes and the installation guide. The compact dimensions (20.5" wide, 24" deep, 36" high) allow it to fit in various spaces.

### 1.2 Ventilation

The HP50S features a rear-mounted 3" standard exhaust port and a 2" standard air intake. Proper ventilation is crucial for safe operation. Consult a qualified installer for correct venting procedures.

### 1.3 Pellet Loading

The stove is equipped with a 47-pound hopper capacity. To load pellets:

1. Open the hopper lid located on the top of the stove.
2. Carefully pour wood pellets into the hopper, ensuring not to overfill.
3. Close the hopper lid securely.



*A closer front view of the pellet stove, highlighting the active combustion within the firebox.*

## 2. OPERATION

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### 2.1 Control Panel and Settings

The Comfortbilt HP50S features a programmable thermostat and five power settings, allowing for precise temperature control and economical pellet use. On the lowest setting, the stove can provide up to 24 hours of continuous burning.

- **Power On/Off:** Use the designated buttons on the control panel to start or stop the stove.
- **Adjusting Power Settings:** Cycle through the five power settings to control the heat output. Higher settings provide more heat but consume more pellets.
- **Programmable Thermostat:** Set your desired room temperature. The stove will automatically adjust its operation to maintain this temperature, optimizing pellet consumption.

### 2.2 Remote Control

The stove includes a remote control for convenient adjustment of settings from a distance. Refer to the remote control section in the full manual for detailed instructions on its functions.

### 2.3 Heating Capacity

The certified 42,000 BTU output is capable of heating areas up to 2,200 square feet or more, depending on external temperatures and home insulation.

*This video provides a visual overview of the Comfortbilt HP50 Pellet Stove, showcasing its modern design, key operational features, and how it effectively heats a space up to 2200 square feet. It includes demonstrations of pellet loading, control panel usage, and ash removal.*



*The pellet stove integrated into a room setting, illustrating its size and aesthetic appeal within a home environment.*

### **3. MAINTENANCE**

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

#### **3.1 Ash Removal**

The HP50S features a large, easily removable ash pan. Pellets burn efficiently, requiring ash drawer emptying approximately every two weeks, depending on usage.

1. Ensure the stove is completely cool before performing any maintenance.
2. Open the front door of the stove.
3. Locate and carefully pull out the ash pan insert tray.
4. Dispose of ashes in a metal container with a tight-fitting lid, away from combustible materials.
5. Reinsert the ash pan and close the stove door securely.



*The pellet stove with its front door open, revealing the internal components such as the burn pot and the accessible ash collection area, crucial for maintenance.*

### **3.2 General Cleaning**

The heavy-gauge exterior can be cleaned with a soft, damp cloth. Avoid abrasive cleaners that may damage the finish. Regularly inspect and clean the glass door for optimal flame viewing.

## **4. TROUBLESHOOTING**

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This section addresses common issues you might encounter. For complex problems, contact customer support.

- **Stove Fails to Ignite:**

- Check if the hopper has sufficient pellets.
  - Ensure the igniter is functioning correctly.
  - Verify that the burn pot is clean and free of ash buildup.
  - Confirm power supply to the unit.
- **Smoke Fills Room:**
    - Immediately ventilate the area.
    - Check for blockages in the exhaust vent or chimney.
    - Ensure the stove door is properly sealed.
    - Verify that the air intake is not obstructed.
- **Auger Noise:**
    - Unusual noises from the auger may indicate a foreign object or wear.
    - Inspect the auger for obstructions.
    - If the noise persists, contact customer support for assistance.

## 5. SPECIFICATIONS

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<b>Brand</b>	Comfortbilt
<b>Model Number</b>	HP50S
<b>Material</b>	Alloy Steel
<b>Color</b>	Burgundy
<b>Item Weight</b>	240 Pounds
<b>Product Dimensions</b>	20.5" W x 24" D x 36" H
<b>Assembly Required</b>	No
<b>Ventilation Type</b>	Direct Vent
<b>Fuel Type</b>	Pellet, Wood
<b>Efficiency</b>	High Efficiency
<b>Mounting Type</b>	Freestanding
<b>Hopper Capacity</b>	47 Lbs
<b>Heating Area</b>	Up to 2,200 sq ft
<b>Certifications</b>	EPA and CSA Certified
<b>UPC</b>	869387000399

## 6. WARRANTY INFORMATION

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The Comfortbilt HP50S Pellet Stove comes with a one-year limited warranty on parts and service. For detailed terms and conditions, please refer to the warranty card included with your product or visit the official Comfortbilt website.

## 7. CUSTOMER SUPPORT

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If you have any questions, require technical assistance, or need to report an issue, please contact Comfortbilt customer support. Ensure you have your model number (HP50S) and purchase date available when contacting support.