STMHOM 0wuhh9SLJCL4ZhkmfC0ejQnwsH56

STMHOM Portable Hot Tent Stove User Manual

Model: 0wuhh9SLJCL4ZhkmfC0ejQnwsH56 | Brand: STMHOM

1. Introduction

Thank you for choosing the STMHOM Portable Hot Tent Stove. This wood-burning stove is designed for outdoor heating and cooking, offering versatility and durability. Constructed from high-quality 304 stainless steel, it features a foldable design for easy transport and storage, an adjustable damper for precise flame control, and a heat-resistant glass window for viewing the fire. Please read this manual thoroughly before use to ensure safe and efficient operation.

2. Important Safety Information

- **Carbon Monoxide Hazard:** Always ensure adequate ventilation when operating the stove. Never use in an unventilated enclosed space, as this can lead to carbon monoxide poisoning.
- **Burn Hazard:** The stove surfaces become extremely hot during operation. Avoid direct contact with the stove to prevent burns. Use heat-resistant gloves when handling.
- **Fire Hazard:** Keep flammable materials, including tents, sleeping bags, and clothing, at a safe distance from the stove. Ensure the chimney is properly installed and secured to prevent sparks.
- **Stable Placement:** Place the stove on a stable, non-combustible surface. Ensure the legs are fully extended and locked.
- **Fuel:** Use only dry, seasoned wood as fuel. Do not use accelerants, trash, or treated wood.
- **Chimney Inspection:** Regularly inspect the chimney for creosote buildup. Excessive creosote can lead to chimney fires.
- **Children and Pets:** Keep children and pets away from the operating stove.

3. Product Features and Components

The STMHOM Portable Hot Tent Stove is designed for efficiency and convenience. Key features include:

- **Large Capacity:** Measures 20 x 10 x 10 inches, accommodating firewood up to 20 inches long.

- **Durable Construction:** Made from high-quality 304 stainless steel for rust resistance and thermal conductivity.
- **Foldable Design:** Collapses to a thickness of only 1.2 inches for easy transport in the included canvas carry bag.
- **Adjustable Valve and Damper:** Chimney features an adjustable valve, and the front of the stove has a damper for precise flame control.
- **High-Definition Viewing Glass:** Large heat-resistant glass window provides a clear view of the flames.
- **Wind Curtain Design:** Creates a wind barrier on the door to prevent smoke from obscuring the glass.
- **Capped Chimney Top:** Prevents rain or snow from entering the stove.
- **Spark Proof and Safety:** Designed to prevent stray sparks from landing on your tent.



Figure 3.1: Key features of the STMHOM Tent Stove, including adjustable air intakes and wind curtain design.



Figure 3.2: Detailed view highlighting the stove's high-temperature glass, adjustable air controls, and wind curtain.

4. Setup Instructions

Follow these steps to assemble your STMHOM Portable Hot Tent Stove:

1. **Unpack Components:** Carefully remove all components from the canvas carry bag. You should have the main stove body, chimney pipes, and any accessories.
2. **Assemble Stove Body:** The stove features a folding design. Align the four sides of the stove body and insert them into their respective slots to form the main combustion chamber. Ensure all connections are secure.
3. **Install Chimney Base:** Place the chimney base onto the designated opening on the top of the stove.
4. **Assemble Chimney Pipes:** The chimney pipes are numbered for correct assembly order. Connect the pipes sequentially, ensuring each section is firmly seated into the next.
5. **Attach Chimney to Stove:** Insert the assembled chimney into the chimney base on the stove.
6. **Secure Chimney (if applicable):** If your setup requires it, use guy lines to stabilize the chimney, especially in windy conditions.
7. **Position Stove:** Place the assembled stove on a flat, stable, non-combustible surface, ensuring adequate clearance from tent walls and other flammable materials.

Your browser does not support the video tag.

Video 4.1: This video demonstrates the assembly process of the STMHOM Tent Stove, showing how to unfold the stove body and connect the numbered chimney pipes.



Figure 4.2: Visual guide to the stove's folding design and assembly steps.

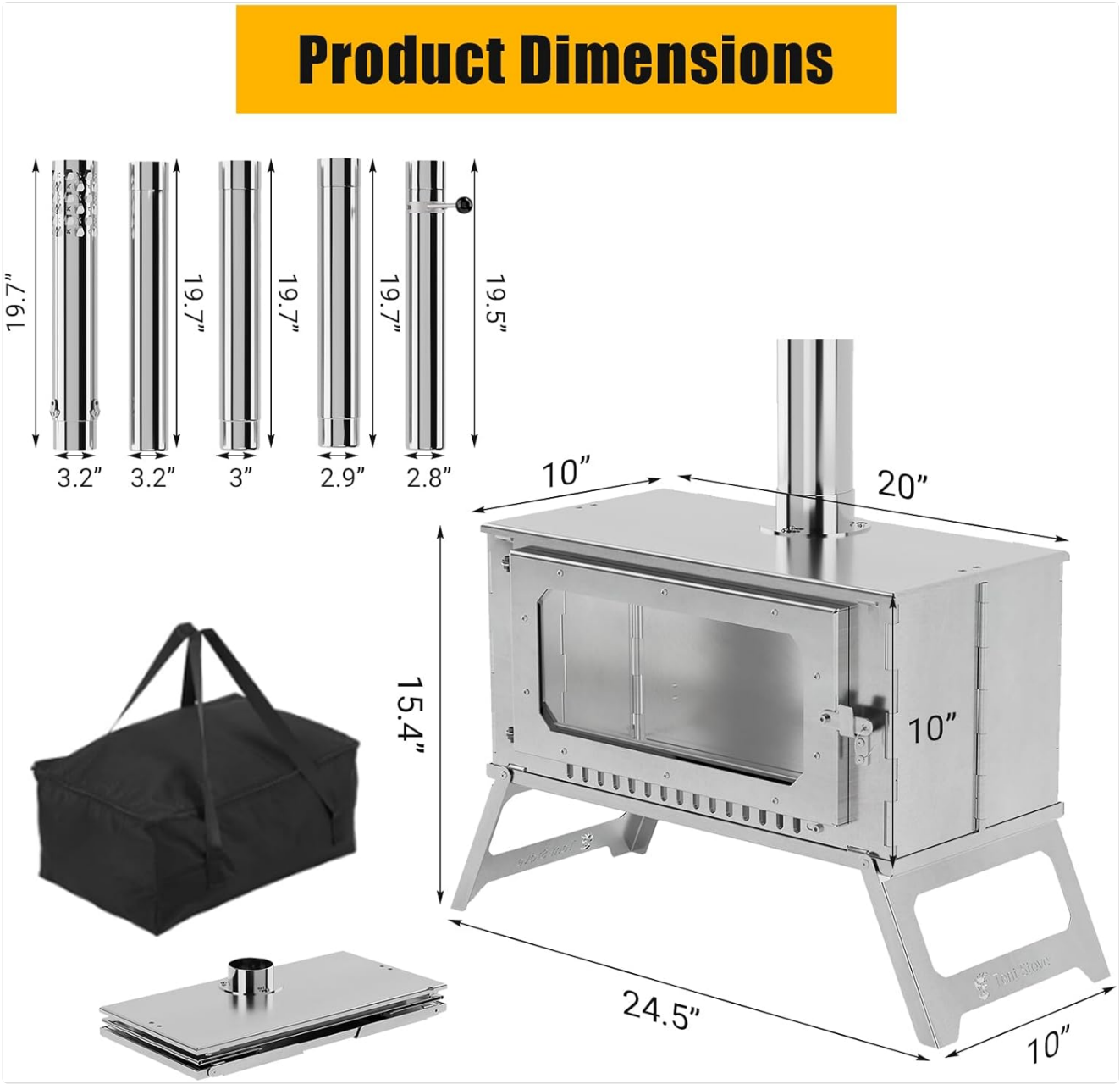


Figure 4.3: Product dimensions for proper setup and space planning.

5. Operating Instructions

Operating your STMHOM Tent Stove for heating and cooking:

1. **Loading Fuel:** Open the stove door and place dry, seasoned firewood inside. The stove can accommodate pieces up to 16 inches long.
2. **Lighting the Fire:** Use a fire starter to ignite the wood. Once the fire is established, close the stove door.
3. **Adjusting Air Intake:** Use the adjustable air intakes located at the front of the stove to control the airflow to the fire. More air increases the burn rate and heat output.
4. **Controlling Chimney Damper:** The chimney is equipped with an adjustable damper. Adjust this to regulate the draft and control the intensity of the fire. Opening the damper increases draft, while closing it reduces draft.
5. **Cooking/Heating:** Place cookware directly on the flat top surface of the stove for cooking, or simply enjoy the radiant heat for warmth.
6. **Refueling:** When the fire dies down, carefully open the door and add more wood as needed.



Figure 5.1: The stove's versatility for heating, boiling water, cooking, and barbecuing.



Figure 5.2: Demonstrating the adjustable air intakes for precise firepower control.

6. Maintenance

Proper maintenance ensures the longevity and safe operation of your stove:

- **Cleaning the Glass Window:** The heat-resistant glass window may accumulate soot. Clean it regularly with a damp cloth and a non-abrasive cleaner once the stove has completely cooled. The wind curtain design helps reduce soot buildup.
- **Ash Removal:** Once the stove is completely cool, remove ashes from the combustion chamber. Dispose of ashes safely in a metal container.
- **Chimney Cleaning:** Periodically inspect and clean the chimney pipes to prevent creosote buildup. Use a chimney brush to remove any deposits.
- **Exterior Cleaning:** Wipe down the exterior of the stove with a damp cloth to remove dirt and grime.
- **Storage:** When not in use, ensure the stove is clean and dry. Fold the stove body and store all components in the provided canvas carry bag in a dry place.



Figure 6.1: The stove's compact, foldable design for easy storage and transport in its carry bag.

7. Troubleshooting

Here are some common issues and their potential solutions:

- **Smoke Leaking from Stove:**
  Possible Cause: Improper chimney connection, insufficient draft, or gaps in the stove body.
  Solution: Ensure all chimney sections are tightly connected and the stove body is fully assembled. Check for blockages in the chimney. Ensure adequate air intake. If using in a tent, verify the tent's stove jack is properly sealed around the chimney.
- **Difficulty Controlling Fire Intensity:**
  Possible Cause: Air intake or chimney damper not adjusted correctly.
  Solution: Experiment with the adjustable air intakes at the front and the damper on the chimney. Opening the air intake and damper increases fire intensity; closing them reduces it.
- **Glass Window Blackens Quickly:**
  Possible Cause: Insufficient airflow, burning wet wood, or improper fuel.

Solution: Ensure air intakes are open enough to provide sufficient oxygen for a clean burn. Use only dry, seasoned wood. The wind curtain design helps, but proper burning practices are crucial.

- **Stove Not Heating Effectively:**
  Possible Cause: Poor insulation, small fire, or excessive draft.
  Solution: Ensure your tent or shelter is adequately insulated. Build a larger fire with more fuel. Adjust the chimney damper to retain more heat within the stove.

8. Technical Specifications

Specification	Detail
Brand	STMHOM
Material	Stainless Steel
Color	Sliver
Product Dimensions (unfolded)	24.5"D x 10"W x 15.4"H
Item Weight	31 Pounds
Assembly Required	Yes
Ventilation Type	Direct Vent
Fuel Type	Wood
Efficiency	High Efficiency
Mounting Type	Freestanding
Model Number	0wuhh9SLJCL4ZhkmfC0ejQnwsH56
UPC	199108118530

9. Warranty and Support

Warranty Information: This STMHOM Portable Hot Tent Stove comes with a standard manufacturer's warranty against defects in materials and workmanship. Please retain your proof of purchase for warranty claims. Specific warranty duration and terms may vary; refer to the product packaging or contact customer support for details.
Customer Support: For any questions, troubleshooting assistance, or warranty inquiries, please contact STMHOM customer support through the retailer where you purchased the product or visit the official STMHOM website for contact information.

Ask a question about this manual

Ask about setup, troubleshooting, compatibility, parts, safety, or missing instructions. Manuals+ will review the question and use this page’s manual context to help answer it.

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Question

Example: How do I reset this device or fix this error?

Details

Model number, symptoms, what you tried, or the section of the manual you are using.

Submit question