

Solo Stove Ranger Backyard Bundle

Solo Stove Ranger Backyard Bundle Instruction Manual

Model: Ranger Backyard Bundle

Brand: Solo Stove

1. INTRODUCTION AND OVERVIEW

The Solo Stove Ranger Backyard Bundle is a compact, portable, and smokeless wood-burning fire pit designed for outdoor use. Its innovative double-wall airflow system promotes a highly efficient burn, significantly reducing smoke compared to traditional fire pits. This bundle includes the Ranger fire pit, a stand for heat-sensitive surfaces, a shield to contain sparks, a lid for protection and use as a table, and a shelter for weather protection.

This manual provides essential information for the safe and effective setup, operation, maintenance, and troubleshooting of your Solo Stove Ranger Backyard Bundle.

2. COMPONENTS OF YOUR BUNDLE

Your Solo Stove Ranger Backyard Bundle includes the following components:

- **Ranger Fire Pit:** The core unit, featuring a double-wall design for efficient, low-smoke burning.
- **Stand:** Elevates the fire pit to protect heat-sensitive surfaces like wooden decks or grass.
- **Shield:** A mesh cover designed to prevent sparks and embers from escaping the fire pit.
- **Lid:** A stainless steel cover that can be used to protect the fire pit from elements or as a temporary tabletop when the fire pit is cool.
- **Shelter:** A durable cover to protect the entire fire pit and its components from dust, rain, and snow when not in use.



Figure 2.1: Exploded view showing the Solo Stove Ranger fire pit with its included stand, shelter, lid, and shield.





Figure 2.2: The Solo Stove Ranger fire pit in operation, demonstrating its robust stainless steel design and efficient flame.

3. SETUP

1. **Choose a Location:** Select a flat, stable, and non-combustible surface for your fire pit. Ensure adequate clearance from structures, overhanging branches, and other flammable materials.
2. **Assemble the Stand:** If using the stand, place it on your chosen surface. The stand is designed to elevate the fire

pit and reduce heat transfer to the surface below.

3. **Place the Fire Pit:** Carefully place the Solo Stove Ranger fire pit onto the assembled stand. Ensure it is centered and stable.
4. **Prepare for Fuel:** The fire pit is ready to receive wood. No further assembly is required for the main unit.



Figure 3.1: Dimensions of the Solo Stove Ranger, important for placement and storage.

4. OPERATING INSTRUCTIONS

4.1 Fuel Selection

For optimal performance and minimal smoke, use only dry, seasoned hardwood. Examples include oak, maple, hickory, and fruitwoods. Avoid softwoods (like pine), treated wood, painted wood, or any materials that may release toxic fumes. Do not use accelerants such as gasoline or lighter fluid.

4.2 Lighting the Fire Pit

1. Place a small amount of kindling (e.g., small twigs, paper, or fire starters) at the bottom of the fire pit.
2. Add a few small pieces of dry hardwood on top of the kindling, arranged to allow for good airflow.

3. Carefully ignite the kindling.
4. Once the fire is established, gradually add larger logs, ensuring they do not exceed the height of the secondary burn holes near the rim. Overfilling can impede airflow and increase smoke.

4.3 Smoke Reduction Technology

The Solo Stove Ranger utilizes a unique airflow system. Air enters through the bottom vents, feeding the primary combustion. As the air heats up, it rises through the double walls and exits through the top vents, creating a secondary combustion that burns off smoke particles. This results in a significantly reduced smoke output.



Figure 4.1: The top vents of the Solo Stove Ranger, where heated air creates a secondary burn for reduced smoke.

4.4 Extinguishing the Fire

Allow the fire to burn down naturally. Do not use water to extinguish the fire, as this can damage the stainless steel and create excessive steam. Once the fire has completely died down and the ashes are cool, proceed with cleaning.



Figure 4.2: The Solo Stove Ranger with the Shield in place, demonstrating spark containment during use.



Figure 4.3: The Solo Stove Ranger with its Lid, which can serve as a protective cover or a temporary surface when the fire pit is cool.

5. MAINTENANCE AND CLEANING

Regular maintenance ensures the longevity and optimal performance of your Solo Stove Ranger.

- **Ash Removal:** The Ranger features a removable ash pan and base plate for easy cleaning. Once the fire pit is completely cool, lift the ash pan and dispose of the ashes responsibly.
- **Cleaning Stainless Steel:** For general cleaning, you can hose out the interior of the fire pit and wipe down the exterior with a damp cloth. For stubborn residue, a non-abrasive stainless steel cleaner can be used. Avoid harsh chemicals or abrasive scrubbers that could scratch the surface.
- **Storage:** After each use and once completely cool, cover your Solo Stove Ranger with the included Shelter to protect it from the elements. Store in a dry place when not in use for extended periods.



Figure 5.1: The Solo Stove Ranger covered with its Shelter, providing protection from weather and debris.

6. TROUBLESHOOTING

- **Excessive Smoke:** If you experience more smoke than expected, ensure you are using dry, seasoned hardwood. Check that the fire pit is not overfilled, allowing for proper airflow through the top vents.
- **Difficulty Lighting:** Ensure your kindling and wood are completely dry. Arrange the wood to allow sufficient air circulation for initial ignition.
- **Discoloration of Stainless Steel:** Over time, the stainless steel may develop a patina or slight discoloration due to heat. This is normal and does not affect the performance or durability of the fire pit.

7. SPECIFICATIONS

Material	Stainless Steel
Product Dimensions	17"D x 17"W x 15"H

Item Weight	21.5 Pounds
Fuel Type	Wood
Color	Silver (fire pit); Black (shelter)

8. SAFETY INFORMATION

Please read and adhere to all safety warnings to prevent injury or property damage.

- **Outdoor Use Only:** Never use the Solo Stove Ranger indoors or in enclosed spaces. Carbon monoxide can accumulate and cause serious injury or death.
- **Supervision:** Never leave a burning fire pit unattended. Always supervise children and pets around the fire pit.
- **Clearance:** Maintain a safe distance from combustible materials, including buildings, fences, trees, and dry vegetation. Refer to local fire codes for specific clearance requirements.
- **Hot Surfaces:** The fire pit and its components will become extremely hot during use and remain hot for a significant period after the fire has died down. Do not touch hot surfaces. Use heat-resistant gloves if handling is necessary.
- **No Water:** Do not use water to extinguish the fire or cool the fire pit, as this can cause damage and create dangerous steam.
- **Stable Surface:** Always place the fire pit on a stable, level, and non-combustible surface. Use the included stand on heat-sensitive surfaces.
- **Ash Disposal:** Ensure all ashes are completely cool before disposing of them. Store ashes in a metal container with a tight-fitting lid, away from combustible materials.

9. WARRANTY AND SUPPORT

For information regarding product warranty, returns, or technical support, please refer to the official Solo Stove website or contact Solo Stove customer service directly. You can also visit the [Solo Stove Store on Amazon](#) for additional resources.

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