

SUNTOUCH ST-7000

Suntouch ST-7000 Portable Gas Stove User Manual

Model: ST-7000

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1. IMPORTANT SAFETY INFORMATION

Please read all instructions carefully before using the Suntouch ST-7000 Portable Gas Stove. Failure to follow these instructions may result in fire, explosion, injury, or property damage.

- **Gas Type:** This stove is designed for use with **Butane gas canisters only**. Do not attempt to use other types of gas. Butane gas canisters are not included with the stove.
- **Ventilation:** Always use the stove in a well-ventilated area. Do not use indoors without adequate ventilation.
- **Auto Exit Feature:** The stove is equipped with an "Auto Exit" safety feature. After use, turn the control knob to the "OFF" position to automatically detach the gas container. This prevents accidental gas leakage and reduces the risk of explosion or fire.
- **Leak Protection:** The gas stove provides double protection from gas leaks and explosions during high heat and high pressure conditions. However, always check for gas leaks before and during operation.
- **Stable Surface:** Place the stove on a stable, level, non-combustible surface away from flammable materials.
- **Children and Pets:** Keep children and pets away from the stove during operation and while it is cooling down.
- **Storage:** Store the stove and butane canisters in a cool, dry place, away from direct sunlight and heat sources.

2. PRODUCT OVERVIEW AND FEATURES

The Suntouch ST-7000 is a portable gas stove designed for efficient and safe cooking. It features a robust design and several safety mechanisms.

Key Features:

- **Auto Exit Mechanism:** Automatically detaches the gas container when the knob is turned off, preventing

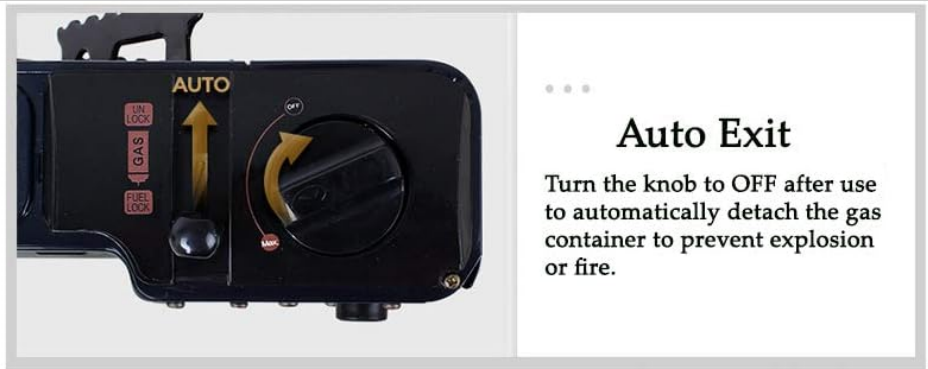
accidents.

- **Direct Nozzle System:** Maximizes thermal power with minimal gas consumption.
- **Integrated Soup Tray & Body:** Designed as a single unit for enhanced durability and resistance to distortion.
- **Convex Body Design:** Provides structural strength and prevents distortion over time.
- **Hermetic Seal:** Prevents liquids from entering the gas range, even if spills occur.
- **Heat Conduction Plate:** Maintains consistent firepower, especially in colder environments.
- **Ultra Large 95MM Firepower:** Features a larger flame hole for stronger fire and more efficient heating.
- **Double Protection:** Built-in safeguards against gas leaks and explosions under high heat and pressure.

Product Components and Dimensions:

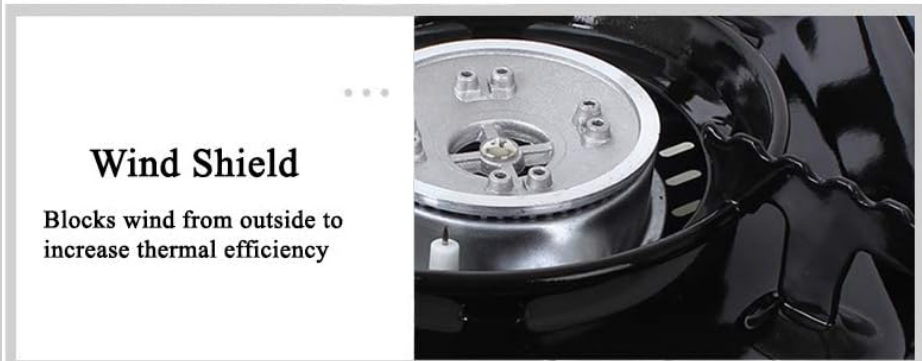


Figure 1: Top and side views of the Suntouch ST-7000 Portable Gas Stove, illustrating its approximate dimensions: 13.5 inches length, 11 inches width, and 3.25 inches height.



Auto Exit

Turn the knob to OFF after use to automatically detach the gas container to prevent explosion or fire.



Wind Shield

Blocks wind from outside to increase thermal efficiency



Detachable Top Plate

Detachable top plate prevents corrosion and makes for easy clean.

Figure 2: Detailed views highlighting key features: the Auto Exit mechanism for gas canister detachment, the integrated Wind Shield for improved thermal efficiency, and the Detachable Top Plate for easy cleaning.

3. SETUP INSTRUCTIONS

- 1. Unpack the Stove:** Carefully remove the stove from its packaging and the carrying case. Ensure all components are present and undamaged.
- 2. Choose a Location:** Place the stove on a flat, stable, non-combustible surface. Ensure there is adequate ventilation and no flammable materials are nearby.
- 3. Prepare Gas Canister:** Use only standard 8 oz (227g) butane gas canisters. Ensure the canister is new and undamaged.
- 4. Insert Gas Canister:**
 - o Open the gas canister compartment cover on the side of the stove.
 - o Align the nozzle of the butane canister with the stove's gas inlet.
 - o Push the canister firmly into place until it clicks.
 - o Engage the gas lock lever (if present, typically near the canister compartment) to secure the canister. Ensure it is fully engaged to prevent gas leaks.
 - o Close the gas canister compartment cover.
- 5. Check for Leaks:** Before lighting, perform a quick leak check. Listen for hissing sounds or apply a soapy water solution to connections; bubbles indicate a leak. If a leak is detected, immediately remove the gas

canister and re-insert it, or replace the canister if damaged. Do not operate the stove with a gas leak.

4. OPERATING INSTRUCTIONS

1. Ignition:

- Ensure the gas canister is correctly installed and locked.
- Turn the control knob counter-clockwise to the "IGNITE" or "ON" position. You should hear a click as the igniter sparks.
- If the stove does not ignite on the first attempt, turn the knob back to "OFF" and try again. Repeat until the flame is lit.

2. **Adjusting Flame:** Once lit, rotate the control knob to adjust the flame intensity. Turn clockwise for a lower flame and counter-clockwise for a higher flame.

3. **Cooking:** Place your cookware centrally on the pot support. The stove's 95MM firepower and heat conduction plate ensure efficient and even heating.

4. Turning Off:

- When finished cooking, turn the control knob fully clockwise to the "OFF" position.
- The "Auto Exit" mechanism will automatically detach the gas canister from the stove. You may hear a slight click.
- Confirm the flame is extinguished and the gas canister is disengaged.

5. **Cool Down:** Allow the stove to cool completely before handling or storing. The metal parts will remain hot for some time after use.



Figure 3: The Suntouch ST-7000 Portable Gas Stove ready for use, demonstrating its compact design suitable for various cooking environments.

5. MAINTENANCE AND CLEANING

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

- **Cleaning the Top Plate:** The stove features a detachable top plate. Allow the stove to cool completely, then carefully remove the top plate for cleaning. Wash with mild soap and water, rinse thoroughly, and dry completely before reattaching.
- **Cleaning the Body:** Wipe the stove body with a damp cloth. Do not use abrasive cleaners or immerse the stove in water.
- **Burner Head:** Keep the burner head clean and free from food debris to ensure proper flame distribution. Use a soft brush if necessary.
- **Storage:** After cleaning and ensuring the stove is completely dry, store it in its provided carrying case. Remove the butane gas canister before storage. Store in a cool, dry place away from direct sunlight and heat.

6. TROUBLESHOOTING

Problem	Possible Cause	Solution
Stove does not ignite.	Gas canister not properly installed. Gas canister empty. Igniter malfunction.	Ensure canister is fully inserted and locked. Replace with a new butane canister. Contact customer support if igniter consistently fails.
Weak or inconsistent flame.	Low gas in canister. Burner head clogged. Cold ambient temperature.	Replace gas canister. Clean burner head. The heat conduction plate helps, but extreme cold may affect performance.
Gas smell detected.	Gas leak. Canister not properly sealed.	Immediately turn off the stove and remove the gas canister. Check canister installation. If smell persists, do not use the stove.

7. PRODUCT SPECIFICATIONS

Model Number	ST-7000
Brand	SUNTOUCH
Fuel Type	Butane (Liquefied Petroleum Gas)
Thermal Efficiency	2.21 - 2.55 KW
Gas Consumption	180g / h \pm 10%
BTU	8600

Materials	Stainless Steel, Steel Plate, Aluminum Alloy, Zinc, PP, ABS
Product Dimensions (L x W x H)	13.4" x 11.1" x 4.6" (34cm x 28.2cm x 11.7cm)
Item Weight	1.97 Kilograms (4.34 lbs)
Power Source	Gas Powered
Maximum Energy Output	2.21 Kilowatts

8. WARRANTY AND CUSTOMER SUPPORT

For warranty information or customer support regarding your Suntouch ST-7000 Portable Gas Stove, please refer to the documentation included with your purchase or contact the retailer where the product was purchased. You may also visit the official SUNTOUCH website for further assistance.

Please have your model number (ST-7000) and purchase details ready when contacting support.