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Coleman 2157355

Coleman Cascade 18 1-Burner Camping Stove User Manual

Model: 2157355

1. Important Safety Information

Read and understand all safety warnings and instructions before operating this appliance. Failure to follow these instructions could result in fire, explosion, serious injury, or death.

- **FOR OUTDOOR USE ONLY:** Never operate this appliance indoors or in an enclosed area.
- **VENTILATION:** Ensure adequate ventilation to prevent carbon monoxide buildup.
- **FLAMMABLE MATERIALS:** Keep the stove clear of flammable materials, gasoline, and other flammable vapors and liquids.
- **CHILDREN AND PETS:** Keep children and pets away from the stove during operation.
- **PROPANE CYLINDER:** Use only 16 oz. propane cylinders (sold separately) with this stove. Ensure the cylinder is securely connected and free of leaks.
- **LEAK TEST:** Always perform a leak test before initial use and after each cylinder change.
- **HOT SURFACES:** The stove and cooking surfaces will become extremely hot during use. Allow to cool completely before handling or storing.

2. Product Overview

The Coleman Cascade 18 1-Burner Camping Stove is a portable cooktop designed for outdoor use, offering 8,000 BTUs of cooking power and matchless ignition. Its compact design and durable construction make it suitable for various outdoor cooking needs.



Figure 2.1: Coleman Cascade 18 1-Burner Camping Stove.

3. Setup Instructions

1. **Unpack the Stove:** Carefully remove the stove and all components from its packaging.
2. **Position the Stove:** Place the stove on a stable, level, non-combustible surface outdoors, away from any flammable materials.
3. **Attach Wind Guards:** The stove features integrated wind guards. Lift the lid and extend the side panels to their upright position. Secure them into the designated slots on the stove base.
4. **Connect Propane Cylinder:**



Figure 3.1: Connecting the propane regulator.

- Ensure the stove's control knob is in the 'OFF' position.
- Thread the regulator onto the propane cylinder (16 oz.) by hand. Do not overtighten.
- Connect the other end of the regulator to the gas inlet on the side of the stove. Ensure a snug fit.



Figure 3.2: Stove with propane regulator attached.

5. **Perform a Leak Test:**
    - Mix a solution of soapy water (50% soap, 50% water).
    - Apply the solution to all gas connections.
    - Slowly open the valve on the propane cylinder.
    - If bubbles appear, there is a leak. Close the propane valve immediately and tighten connections. Repeat the test. Do not use the stove if leaks persist.

4. Operating Instructions

1. **Prepare for Cooking:** Place your cookware (up to a 12-inch pan) on the grate. Ensure the grate is properly seated.
2. **Ignition:**



Figure 4.1: Rotary ignition for matchless lighting.

    - Slowly turn the control knob counter-clockwise to the 'HIGH' position. You should hear gas flowing.
    - Immediately press the red rotary ignition button repeatedly until the burner ignites.

- If the burner does not ignite within 5 seconds, turn the control knob to 'OFF', wait 5 minutes, and repeat the ignition process.

3. **Adjusting Flame:**



Figure 4.2: Adjusting the flame for precise temperature control.

- Rotate the control knob to adjust the flame intensity from 'HIGH' to 'LOW' for precise temperature and simmer control.



Figure 4.3: Stove in operation, demonstrating 8,000 BTUs of cooking power.

4. **Turning Off the Stove:** Turn the control knob clockwise to the 'OFF' position. Close the valve on the propane cylinder.

5. Maintenance

1. **Cleaning the Cooktop:**



Figure 5.1: Aluminized steel cooktop for easy cleaning.

- Allow the stove to cool completely before cleaning.
- The aluminized steel cooktop can be wiped clean with a damp cloth and mild detergent.
- Remove the grate for separate cleaning. Wash with warm, soapy water and rinse thoroughly.

2. **Storage:**



Figure 5.2: Detaching the grate for storage.



Figure 5.3: Grate flipped 180 degrees for compact storage.

- Ensure the stove is completely cool and clean before storing.
- Detach the grate and flip it 180 degrees for convenient storage within the stove.
- The regulator can be securely stored on top of the stove.
- Store the stove in a dry, well-ventilated area.

6. Troubleshooting

Problem	Possible Cause	Solution
Burner does not ignite	No gas flow; Ignition button not pressed; Clogged burner.	Check propane cylinder connection and valve; Press ignition button firmly; Clean burner ports.
Low flame or inconsistent flame	Low propane level; Regulator issue; Clogged burner.	Replace propane cylinder; Check regulator connection; Clean burner ports.
Gas odor detected	Gas leak.	Immediately turn off gas at cylinder. Perform leak test. Do not operate if leak persists.

7. Specifications

Feature	Detail
Brand	Coleman
Model Number	2157355
Fuel Type	Propane
Material	Alloy Steel
Product Dimensions (L x W x H)	13" x 13" x 3"
Maximum Energy Output	8000 British Thermal Units

Feature	Detail
Item Weight	453.59 Grams
Pan Compatibility	Fits 12-inch pan
Burn Time (on high)	Up to 2.5 hours on one 16 oz. propane cylinder
Included Components	Stove

8. Warranty & Support

This Coleman Cascade 18 1-Burner Camping Stove is covered by a**3-Year Limited Warranty**. This warranty covers defects in materials and workmanship under normal use.
For warranty claims, technical support, or any questions regarding your product, please refer to the contact information provided on the official Coleman website or your purchase documentation. Please have your model number (2157355) and proof of purchase available when contacting support.

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