

## Kero World 27522

# Kero World Replacement Kerosene Heater Wick

Model: 27522

Brand: Kero World

## 1. INTRODUCTION

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This manual provides essential information for the proper installation, use, and maintenance of your Kero World Model 27522 replacement wick for kerosene heaters. This wick is designed to restore optimal performance to compatible kerosene heaters by ensuring proper fuel delivery and combustion.

## 2. PRODUCT OVERVIEW

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The Kero World Model 27522 replacement wick is a precision-engineered component designed for specific kerosene heater models. It is made from durable materials to ensure efficient fuel absorption and consistent flame height.



Image: The Kero World Model 27522 replacement wick, folded, next to its packaging. The packaging clearly lists compatible kerosene heater brands and models, including Aladdin, Bombardier, Radiant King, Sunshine (Emerson), and Western Auto/Citation.

### 3. COMPATIBILITY

The Kero World Model 27522 replacement wick is compatible with the following kerosene heater brands and models. Please verify your heater model before installation.

Heater Brand	Compatible Models
Aladdin	B431 Temprite 15, B531 Temprite 16, B631 Temprite 20, S331 Supra 300, S431 Supra 400, S571 Temprite 15, S681 Equator II, TR5000, TR7000
Bombardier	C 20, R 15
Radiant King	RK-420, RK-450
Sunshine (Emerson)	C-1500
Western Auto / Citation	SCJ-2017, SCJ-2020

*Note: This wick may also fit additional brands and models not listed. Refer to your heater's original manual or a comprehensive wick selection chart for complete listings.*

### 4. INSTALLATION (SETUP)

**Safety First:** Always ensure the kerosene heater is completely cool, unplugged (if applicable), and empty of fuel before attempting wick replacement. Work in a well-ventilated area.

1. **Prepare the Heater:** Remove the heater's cabinet or outer casing to access the wick assembly. Consult your heater's specific manual for detailed disassembly instructions.
2. **Remove Old Wick:** Carefully detach the old wick from its holder. This may involve unscrewing retaining clips or releasing a tension mechanism. Dispose of the old wick properly.
3. **Clean Wick Holder:** Clean any carbon buildup or residue from the wick holder and surrounding areas. A clean surface ensures proper seating of the new wick.
4. **Install New Wick:** Insert the Kero World Model 27522 wick into the wick holder. Ensure it is seated evenly and securely. The wick should move smoothly up and down if your heater has a wick adjustment mechanism.
5. **Reassemble Heater:** Reattach any retaining clips or mechanisms, then reassemble the heater's cabinet or outer casing.
6. **Priming the Wick:** Fill the fuel tank with clean, fresh kerosene. Allow at least 60 minutes for the new wick to fully absorb the kerosene before attempting to light the heater. This process is crucial for preventing damage to the wick and ensuring a proper burn.

## 5. OPERATING (INITIAL USE & WICK MANAGEMENT)

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After installation and priming, ensure the wick is set to the correct height for ignition. Light the wick according to your heater's instructions. During the first few hours of operation, monitor the flame to ensure it is stable and clean. Adjust the wick height as needed to achieve a blue-tipped flame with minimal yellow.

**First Burn:** It is recommended to operate the heater for at least 2-3 hours continuously during the first use after wick replacement. This helps the wick to "seat" properly and burn off any manufacturing residues.

## 6. MAINTENANCE

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Regular maintenance of your wick will extend its lifespan and ensure efficient heater operation.

- **Wick Trimming/Cleaning:** Periodically inspect the top of the wick for carbon buildup. If a hard crust forms, extinguish the heater, allow it to cool, and carefully scrape off the carbon with a suitable tool (e.g., a stiff brush or a dull knife). Some heaters allow for "dry burning" to clean the wick; consult your heater's manual.
- **Fuel Quality:** Always use clean, clear 1-K kerosene. Impurities in fuel can clog the wick and lead to poor performance and premature wear.
- **Wick Replacement Frequency:** The lifespan of a wick varies depending on usage and fuel quality. Replace the wick when it no longer produces a consistent flame, cannot be cleaned effectively, or shows significant wear.

## 7. TROUBLESHOOTING

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If you experience issues after replacing your wick, consider the following:

- **Poor Flame / Low Heat:**
  - Ensure the wick is fully primed (allowed sufficient time to absorb fuel).
  - Check for proper wick height adjustment.
  - Verify fuel quality; old or contaminated kerosene can cause issues.
  - Inspect for carbon buildup on the wick.
- **Excessive Smoke / Odor:**

- Wick may be set too high.
- Poor fuel quality.
- Insufficient ventilation in the operating area.
- New wick "break-in" period (initial slight odor is normal).

- **Wick Not Moving:**

- Check for proper installation and seating in the wick holder.
- Ensure no debris is obstructing the wick mechanism.

For persistent issues, refer to your specific kerosene heater's instruction manual or contact a qualified service technician.

## 8. SPECIFICATIONS

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**Model Number:** 27522

**Brand:** Kero World (Manufactured by WORLD MARKETING)

**Product Dimensions:** Approximately 20.32 cm (8 inches) x 20.32 cm (8 inches) x 2.54 cm (1 inch)

**Item Weight:** Approximately 68 grams (2.4 ounces)

**UPC:** 013204275228

**Material:** Woven fabric designed for kerosene absorption

## 9. WARRANTY & SUPPORT

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For specific warranty information regarding the Kero World Model 27522 replacement wick, please refer to the product packaging or contact World Marketing customer support. Keep your purchase receipt as proof of purchase.

For technical assistance or further inquiries, please visit the Kero World official website or contact their customer service department.