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ClimaTek 6-inch Stove Range Oven Burner

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Brand: ClimaTek | **Model:** 6-inch Stove Range Oven Burner (Replaces 4378605, 4W6215, 561103)

1. INTRODUCTION

Thank you for choosing the ClimaTek Upgraded 6" Stove Range Oven Burner. This high-quality replacement part is designed to restore the heating functionality of your electric stove or oven. It is engineered for durability and direct compatibility with various models, including those from Kenmore and Admiral, replacing part numbers 4378605, 4W6215, and 561103.

This burner requires no electrical modifications or adapters, ensuring a straightforward replacement process. Please read this manual thoroughly before installation and use to ensure safe and proper operation.



Figure 1: ClimaTek 6-inch Stove Range Oven Burner. This image displays the ClimaTek 6-inch stove range oven burner, featuring a black, spiral-shaped heating element designed for electric ranges. It includes two metal prongs at the base for electrical connection.

2. IMPORTANT SAFETY INFORMATION

Always adhere to the following safety precautions to prevent injury or damage to property:

- **Disconnect Power:** Before attempting any installation, maintenance, or repair, always ensure the power supply to the appliance (stove/oven) is completely disconnected at the circuit breaker or fuse box.
- **Professional Installation Recommended:** If you are unsure about any step of the installation process, it is highly recommended to consult a qualified appliance technician.
- **Hot Surfaces:** Burners become extremely hot during operation and remain hot for a period after being turned off. Allow sufficient time for the burner to cool completely before handling.
- **Use Proper Tools:** Use insulated tools where appropriate and ensure they are in good condition.
- **Inspect for Damage:** Before installation, carefully inspect the new burner for any signs of shipping damage. Do not install a damaged part.
- **Ventilation:** Ensure adequate ventilation when working on appliances.
- **Keep Children Away:** Keep children and pets away from the work area during installation and operation.

3. INSTALLATION (SETUP)

This section provides general instructions for replacing a 6-inch stove range oven burner. Specific steps may vary slightly

depending on your appliance model. Always refer to your appliance's original service manual for detailed instructions.

1. Prepare for Installation:

- Ensure the stove or oven is completely cool.
- **Crucially, disconnect the appliance from its power source by unplugging it or turning off the corresponding circuit breaker.**
- Clear the work area around the burner.

2. Remove the Old Burner:

- Carefully lift the old burner element from its receptacle. It may require a gentle pull to disengage the prongs from the terminal block.
- Note the orientation of the old burner for correct installation of the new one.

3. Inspect the Receptacle:

- Examine the terminal block (receptacle) where the burner prongs connect. Ensure it is clean and free of corrosion or damage. Clean if necessary.

4. Install the New Burner:

- Align the two prongs of the new ClimaTek burner with the openings in the terminal block.
- Gently push the burner firmly into the receptacle until the prongs are fully seated. Ensure a snug and secure connection.
- Position the burner correctly on the drip pan or support brackets.

5. Test the Installation:

- Reconnect the appliance to its power source.
- Turn on the burner to a low setting and observe if it heats up evenly and glows red.
- Turn off the burner and allow it to cool completely before closing the appliance.

If the burner does not heat or heats unevenly, refer to the Troubleshooting section or consult a qualified technician.

4. OPERATING THE BURNER

Once properly installed, the ClimaTek 6" Stove Range Oven Burner operates identically to your original burner. Use your stove or oven's control knobs to select the desired heat setting. The burner will heat up quickly and provide consistent heat for cooking.

- Always use cookware appropriate for electric stove tops.
- Ensure cookware fully covers the burner element for efficient heating and to prevent heat loss.
- Do not leave cooking unattended.
- Allow the burner to cool completely after use before cleaning or touching.

5. CARE AND MAINTENANCE

Proper care and maintenance will extend the life of your ClimaTek burner and ensure optimal performance.

• **Cleaning:**

- Always ensure the burner is completely cool and the appliance is disconnected from power before cleaning.
- Wipe the burner element with a damp cloth to remove any spills or food residue. For stubborn stains, a mild non-abrasive cleaner designed for stove tops can be used.
- Do not immerse the burner in water.
- Clean the drip pans regularly to prevent grease buildup, which can be a fire hazard.

• **Inspection:**

- Periodically inspect the burner for any signs of damage, such as cracks, bends, or loose connections.

- Check the terminal block for corrosion or discoloration.
- If any damage is observed, replace the burner immediately.

6. TROUBLESHOOTING

If you encounter issues with your ClimaTek burner, refer to the following common problems and solutions:

Problem	Possible Cause	Solution
Burner does not heat up.	• No power to the appliance. • Burner not fully seated in receptacle. • Faulty terminal block. • Defective burner (unlikely for new part).	• Check circuit breaker/fuse. • Ensure burner prongs are fully inserted. • Inspect terminal block for damage; replace if necessary (consult technician). • Contact ClimaTek support if new burner is faulty.
Burner heats unevenly or slowly.	• Loose connection. • Incorrect wattage (unlikely for direct replacement). • Damaged burner element.	• Ensure burner is fully seated. • Verify correct part number for your appliance. • Inspect burner for visible damage; replace if necessary.
Burner sparks or smokes excessively.	• Food residue or moisture on element. • Loose or corroded connection. • Internal short in burner.	• Turn off power, clean burner thoroughly. • Check connection, clean or replace terminal block if corroded. • Immediately disconnect power and replace burner. Do not use.

For issues not listed here or if solutions do not resolve the problem, please consult a qualified appliance repair technician.

7. PRODUCT SPECIFICATIONS

Brand	ClimaTek
Product Type	Stove Range Oven Burner (6-inch)
Replaces Part Numbers	4378605, 4W6215, 561103
Compatibility	Works with Kenmore, Admiral, and other compatible models.
Product Dimensions	2 x 6 x 8 inches; 10 ounces (approximate)
ASIN	B087JY8F3N
Manufacturer	ClimaTek
Date First Available	April 23, 2020

8. WARRANTY AND SUPPORT

As a replacement part, the ClimaTek 6" Stove Range Oven Burner is typically covered by the manufacturer's warranty for replacement parts. Please refer to the packaging or contact ClimaTek directly for specific warranty terms and conditions.

For technical assistance, questions regarding compatibility, or warranty claims, please contact ClimaTek customer support through their official website or the retailer from whom you purchased the product. Always provide your product details (model, part numbers, and ASIN B087JY8F3N) when seeking support.

Online Resources: For additional information or to explore other ClimaTek products, visit the [ClimaTek Store on Amazon](#).

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