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› [BKI](#) /

› BKI C0213 Calrod Heating Element Instruction Manual

BKI C0213

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Model: C0213 | 208/240 Volt, 1100/1464W

1. INTRODUCTION AND PRODUCT OVERVIEW

This manual provides essential information for the BKI C0213 Calrod heating element. The C0213 is a genuine OEM replacement part designed for specific BKI equipment, operating at 208/240 volts with a power output of 1100/1464 watts. This component is crucial for the heating function within compatible appliances.



Figure 1.1: Front view of the BKI C0213 Calrod heating element, showing the U-shaped heating tube and electrical terminals.

Using genuine OEM parts like the BKI C0213 ensures the safety, reliability, and performance of your equipment. This heating element is designed to meet the exact specifications and quality standards of the original component.

2. SAFETY INFORMATION

WARNING: Electrical shock hazard. Always disconnect power to the appliance before inspecting, installing, or servicing any electrical components. Installation should only be performed by a qualified technician.

- Ensure the appliance is completely disconnected from its power source before beginning any work.
- Wear appropriate personal protective equipment (PPE), including insulated gloves and safety glasses.
- Verify that the replacement part specifications (voltage, wattage) match the requirements of your appliance.
- Handle the Calrod element carefully to avoid bending or damaging the heating tube or terminals.
- Do not operate the appliance if the heating element appears damaged or improperly installed.

3. SETUP AND INSTALLATION OVERVIEW

The BKI C0213 Calrod is a replacement part. Its installation involves replacing an existing, faulty heating element within a compatible BKI appliance. Due to the electrical nature and specific requirements of appliance repair, professional installation is strongly recommended.



Figure 3.1: Side view of the BKI C0213 Calrod, illustrating the mounting brackets and terminal connections.

General Installation Steps (Consult your appliance's service manual for detailed instructions):

1. **Disconnect Power:** Turn off and unplug the appliance from the main power supply.
2. **Access Element:** Open the appliance to gain access to the existing heating element. This may involve removing panels or racks.
3. **Document Connections:** Carefully note or photograph the wiring connections to the old element.

4. **Remove Old Element:** Disconnect the wiring and unmount the old heating element.
5. **Install New Element:** Mount the new BKI C0213 Calrod in the same position as the old one. Ensure it is securely fastened.
6. **Connect Wiring:** Reconnect the electrical wiring to the terminals of the new element, ensuring correct polarity and secure connections.
7. **Reassemble:** Close up the appliance, replacing any panels or racks that were removed.
8. **Test:** Restore power to the appliance and test the heating function according to the appliance's operational guidelines.



Figure 3.2: Close-up view of the BKI C0213 Calrod terminals, showing the connection points for electrical wiring.

4. OPERATING PRINCIPLES

The BKI C0213 Calrod is a resistive heating element. When electrical current passes through its internal resistance wire, it generates heat. This heat is then radiated or convected into the appliance's chamber (e.g., oven, warmer) to achieve the desired temperature. The element's operation is controlled by the appliance's thermostat and control system, which regulate the flow of electricity to maintain temperature settings.

This component does not have user-operable controls; its function is entirely dependent on the appliance's design and control system.

5. MAINTENANCE

Regular maintenance of the Calrod heating element is generally limited to visual inspection. As a sealed component, it does not require internal cleaning or lubrication.

- **Visual Inspection:** Periodically inspect the heating element for signs of damage, such as cracks, blisters, discoloration, or exposed wiring.
- **Terminal Connections:** Ensure that the electrical connections to the element terminals are secure and free from corrosion. (Perform only with power disconnected).

- **Cleaning:** If the element surface accumulates debris, gently wipe it clean with a dry cloth after ensuring the appliance is cool and disconnected from power. Avoid using abrasive cleaners or liquids directly on the element.
- **Replacement:** If any damage is observed or if the element fails to heat properly, it should be replaced immediately by a qualified technician.

6. TROUBLESHOOTING

If your appliance is not heating correctly, the Calrod heating element may be a contributing factor. Here are common symptoms and potential checks:

- **Appliance Not Heating:** If the appliance does not heat at all, the element may have an open circuit. This can be tested for continuity by a qualified technician using a multimeter (with power disconnected).
- **Uneven Heating:** If the appliance heats unevenly, parts of the element may be failing. Visually inspect the element for areas that are not glowing or appear damaged.
- **Element Not Glowing:** A properly functioning heating element typically glows red when active. If it remains dark, it indicates a failure.
- **Visible Damage:** Cracks, breaks, or severe blistering on the element surface are clear indicators of failure.

IMPORTANT: Troubleshooting electrical components requires specialized knowledge and tools. Always consult a qualified service technician for diagnosis and repair to ensure safety and proper function.

7. SPECIFICATIONS

Specification	Detail
Model Number	C0213
Brand	BKI
Voltage	208/240 Volt
Wattage	1100/1464W
Part Type	Calrod Heating Element
Item Weight	4 ounces
Product Dimensions	5 x 11 x 12 inches (Package Dimensions)
Manufacturer	Prtst

8. WARRANTY INFORMATION

Specific warranty details for the BKI C0213 Calrod heating element are not provided in the available product data. For warranty inquiries, please refer to the documentation provided with your original BKI appliance or contact BKI customer support directly.

9. SUPPORT AND CONTACT

For technical assistance, service, or to purchase additional genuine BKI replacement parts, please contact BKI customer support or an authorized BKI service provider. Always provide your appliance model number and the part

number (C0213) when seeking support.

BKI Contact Information: Please refer to the official BKI website or your appliance's user manual for the most current contact details.

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Question

Example: How do I reset this device or fix this error?

Details

Model number, symptoms, what you tried, or the section of the manual you are using.

Submit question