

## Star HB-198065

# Star HB-198065 Quartz Heater Element User Manual

Model: HB-198065 | Brand: Star

## 1. IMPORTANT SAFETY INFORMATION

Read all instructions carefully before installing or using the Star HB-198065 Quartz Heater Element. Failure to follow these instructions may result in electric shock, fire, property damage, or personal injury. Keep this manual for future reference.

- **Electrical Hazard:** Always disconnect power to the heater unit before attempting any installation, maintenance, or replacement of the heating element. Ensure the power source matches the element's specifications (120V).
- **Heat Hazard:** The quartz element generates high temperatures. Allow the element and surrounding components to cool completely before handling. Do not touch the element when it is hot or connected to power.
- **Proper Installation:** This element is designed for specific heater models. Ensure compatibility before installation. Incorrect installation can lead to malfunction or fire. If unsure, consult a qualified electrician or service technician.
- **Flammable Materials:** Keep all flammable materials (furniture, curtains, paper, clothing) at least 3 feet (0.9 meters) away from the heater unit where this element will be installed.
- **Indoor Use Only:** This element is intended for indoor use within a compatible heater unit. Do not use outdoors or in wet locations.
- **Children and Pets:** Keep children and pets away from the heater unit during operation and maintenance.

## 2. PRODUCT OVERVIEW

The Star HB-198065 is a replacement quartz heating element designed for compatible electric radiant heaters. It operates at 120V and provides 800W of heat output. This element is crucial for the radiant heating function of your appliance.



**Figure 2.1:** Star HB-198065 Quartz Heater Element. This image displays the elongated glass tube containing a coiled heating filament, with electrical connectors extending from each end.

**Key Features:**

- **Type:** Quartz Radiant Heating Element
- **Voltage:** 120V
- **Wattage:** 800W
- **Dimensions:** Approximately 17 inches in length
- **Application:** Replacement element for compatible indoor electric heaters.

**3. INSTALLATION INSTRUCTIONS**

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This section provides general guidance for replacing a quartz heating element. Specific steps may vary depending on your heater model. Always refer to your heater's original manual for detailed instructions.

**3.1. Tools Required:**

- Screwdriver set (Phillips and/or flathead)
- Pliers (optional, for electrical connections)
- Work gloves (recommended)

**3.2. Pre-Installation Checklist:**

1. **Disconnect Power:** Ensure the heater unit is unplugged from the electrical outlet and completely cool.
2. **Verify Compatibility:** Confirm that the Star HB-198065 element is the correct replacement for your specific heater model. Check the heater's manual or existing element for part numbers and specifications.
3. **Inspect New Element:** Carefully unpackage the new element and inspect it for any signs of damage (cracks in the quartz tube, bent filaments, damaged connectors). Do not install a damaged element.

**3.3. Element Replacement Steps:**

1. **Access Heater Interior:** Remove the outer casing or grille of your heater unit to access the old heating element. This usually involves unscrewing several fasteners.
2. **Disconnect Old Element:** Carefully disconnect the electrical wires from the terminals of the old element. Note

their positions if they are not identical.

3. **Remove Old Element:** Unclip or unscrew the old element from its mounting brackets within the heater. Handle with care as it may be fragile.
4. **Install New Element:** Position the new Star HB-198065 element into the mounting brackets. Ensure it is securely seated and aligned correctly.
5. **Connect Electrical Wires:** Reconnect the electrical wires to the terminals of the new element. Ensure connections are tight and secure.
6. **Reassemble Heater:** Replace the outer casing or grille, ensuring all fasteners are tightened.
7. **Test:** Plug the heater unit back into the electrical outlet and test its operation. Observe for proper heating and any unusual sounds or smells.

## 4. OPERATING INSTRUCTIONS (FOR THE HEATER UNIT)

Once the Star HB-198065 Quartz Heater Element is correctly installed in your compatible heater unit, follow these general operating guidelines for the heater:

- **Placement:** Position the heater on a stable, level surface, away from walls, furniture, and other flammable objects. Ensure adequate clearance around the heater.
- **Power Connection:** Plug the heater directly into a 120V wall outlet. Avoid using extension cords or power strips, as they may overheat.
- **Power On:** Turn on the heater using its integrated controls. Select the desired heat setting.
- **Supervision:** Do not leave the heater operating unattended, especially around children or pets.
- **Power Off:** When not in use, turn off the heater and unplug it from the wall outlet.

## 5. MAINTENANCE

Regular maintenance ensures the longevity and safe operation of your heater unit and its new quartz element.

- **Cleaning:** Ensure the heater is unplugged and completely cool before cleaning. Use a soft, dry cloth to wipe the exterior of the heater. Do not use abrasive cleaners or allow water to drip into the heater.
- **Element Inspection:** Periodically inspect the quartz element for any signs of damage, discoloration, or loose connections. If any issues are observed, discontinue use and consult a qualified technician.
- **Dust Removal:** Use a vacuum cleaner with a brush attachment to gently remove dust from the heater's grilles and interior, ensuring proper airflow.

## 6. TROUBLESHOOTING

If your heater unit is not functioning correctly after installing the Star HB-198065 Quartz Heater Element, refer to the following common issues:

Problem	Possible Cause	Solution
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Problem	Possible Cause	Solution
Heater does not turn on.	No power to the unit. Loose electrical connection. Heater's internal safety switch tripped.	Check if the heater is plugged in securely. Verify the wall outlet is functional. Ensure all element connections are tight. Unplug the heater, wait 10 minutes, and plug it back in.
Element does not heat up.	Faulty element (unlikely if new). Incorrect wiring. Heater's thermostat or switch malfunction.	Re-check element wiring as per installation instructions. If the element is confirmed to be new and correctly installed, the issue may lie with other heater components. Consult a technician.
Partial heating or uneven heat.	One or more elements not functioning (if heater has multiple). Dust accumulation affecting heat distribution.	Inspect all elements if applicable. Clean the heater's grilles and interior as per maintenance section.

For issues not listed here or if troubleshooting steps do not resolve the problem, contact the manufacturer or a qualified service technician.







## 7. SPECIFICATIONS

Brand	Star
Model	HB-198065
Type	Quartz Radiant Heating Element
Voltage	120V
Heat Output	800 Watts
Amperage	6.67 Amps
Fuel Type	Electric
Product Dimensions	17 x 2.5 x 2.5 inches (approximate, for the element)
Indoor/Outdoor Usage	Indoor (when installed in a compatible heater)
UPC	735343969591

## 8. WARRANTY AND SUPPORT

For warranty information, technical support, or to inquire about replacement parts, please contact the original manufacturer or the seller from whom you purchased this product. Keep your purchase receipt as proof of purchase. For general inquiries regarding Star products, please visit the official Star website or contact their customer service department.

## Related Documents - HB-198065

	<p><a href="#">STAR Capella 2HCX Lifted Parts Manual - Comprehensive Component Guide</a></p> <p>Detailed parts manual for the STAR Capella 2HCX Lifted utility vehicle. Find part numbers, descriptions, and specifications for all components, organized by system.</p>
	<p><a href="#">Star Two Sided Grills GX10, GX14, GX20 Series: Installation and Operation Manual</a></p> <p>Comprehensive installation, operation, maintenance, and safety instructions for Star Two Sided Grills models GX10, GX14, and GX20 series. Includes electrical specifications, troubleshooting, and warranty information.</p>
	<p><a href="#">KAoA-STAR اطلاعات و بیانیه موافقت برای فرایند جهت‌دهی شغلی</a></p> <p>برای جهت‌دهی شغلی دانش‌آموزان با نیازهای ویژه در نوردراین-وستفالن، KAoA-STAR راهنمای جامع برنامه شامل شرح عوامل استاندارد، نحوه اشتراک‌گذاری اطلاعات و فرم رضایت‌نامه والدین.</p>
	<p><a href="#">STAR Paragon Inflatable Kayak Folding Instructions</a></p> <p>Step-by-step guide on how to properly fold and store your STAR Paragon inflatable kayak for easy transport and storage.</p>
	<p><a href="#">Montageanleitung für Star Waschbeckenunterschrank X9T Q5 705</a></p> <p>Detaillierte Montageanleitung für den Star Waschbeckenunterschrank, Modell X9T Q5 705. Enthält Schritt-für-Schritt-Anweisungen, Teileliste und wichtige Sicherheitshinweise für eine erfolgreiche Installation.</p>
	<p><a href="#">Star mC-Print3 Easy Setup Guide: Connecting to Devices</a></p> <p>This guide provides step-by-step instructions for setting up the Star mC-Print3 printer. It covers checking supplied accessories, downloading the mC-Print3 utility, and connecting the printer to iOS, Android, Mac, Linux, and Windows devices via Bluetooth, USB, or Wired LAN. Includes troubleshooting tips and rear cover installation.</p>

