

Bunn 4623-GTLU0087

Bunn 4623-GTLU0087 Thermostat Kit 200F-COTHERM

INSTRUCTION MANUAL

1. Introduction

This manual provides essential information for the proper installation, operation, and maintenance of the Bunn 4623-GTLU0087 Thermostat Kit 200F-COTHERM. This genuine OEM replacement part is designed to ensure accurate temperature control in compatible Bunn equipment. Please read this manual thoroughly before proceeding with installation or operation.

2. Safety Information

WARNING: Risk of Electric Shock and Burns.

- Always disconnect power to the equipment before installing, servicing, or removing the thermostat.
- Installation and service should only be performed by qualified personnel.
- Ensure all wiring connections are secure and comply with local electrical codes.
- The thermostat operates at high temperatures. Allow equipment to cool before handling components.
- Do not bypass or modify safety devices.

3. Product Overview

The Bunn 4623-GTLU0087 Thermostat Kit 200F-COTHERM is a critical component for maintaining precise temperature within Bunn commercial beverage equipment. It is designed to regulate heating elements to achieve and maintain a target temperature of 200°F (93°C).

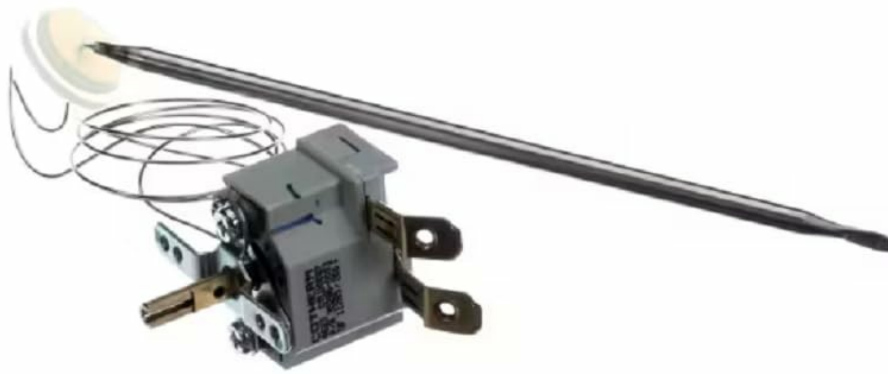


Figure 1: Bunn 4623-GTLU0087 Thermostat Kit. This image displays the complete thermostat kit, including the main control unit with electrical terminals, the temperature sensing bulb, and the capillary tube. The bulb is typically inserted into the liquid or air path to monitor temperature, and the capillary tube connects it to the control unit, which then activates or deactivates the heating element based on the set temperature.

4. Setup and Installation

This thermostat kit is a direct replacement part. Refer to your specific Bunn equipment's service manual for detailed installation instructions. The following are general steps:

1. **Disconnect Power:** Ensure the equipment is completely disconnected from its power source.
2. **Access Thermostat:** Locate and access the existing thermostat within the equipment. This may require removing panels or covers.
3. **Document Wiring:** Carefully note or photograph the wiring connections to the old thermostat before removal.
4. **Remove Old Thermostat:** Disconnect wires and carefully remove the old thermostat, including its sensing bulb and capillary tube.
5. **Install New Thermostat:** Mount the new Bunn 4623-GTLU0087 thermostat in the same location. Ensure the sensing bulb is correctly positioned in the designated temperature-sensing area.
6. **Connect Wiring:** Reconnect the electrical wires to the new thermostat terminals, matching the documented configuration. Ensure all connections are tight and secure.
7. **Secure Components:** Ensure the capillary tube is routed without kinks or sharp bends and secured to prevent damage.
8. **Restore Power:** Once installation is complete and all covers are replaced, restore power to the equipment.

9. **Test Operation:** Verify proper function by monitoring the equipment's temperature and ensuring the thermostat cycles the heating element as expected.

5. Operating Instructions

The Bunn 4623-GTLU0087 Thermostat is a fixed-temperature device, pre-calibrated to maintain a temperature of 200°F (93°C). It operates automatically to regulate the heating cycle of the connected equipment. There are no user-adjustable settings on this specific thermostat model.

- Upon power-up, the thermostat will sense the current temperature.
- If the temperature is below 200°F, the thermostat will engage the heating element.
- Once the temperature reaches 200°F, the thermostat will disengage the heating element.
- The thermostat will cycle on and off as needed to maintain the target temperature.

6. Maintenance

Regular inspection of the thermostat and its connections is recommended to ensure continued reliable operation.

- **Visual Inspection:** Periodically inspect the thermostat, wiring, and capillary tube for any signs of damage, corrosion, or loose connections.
- **Cleaning:** Ensure the area around the thermostat and sensing bulb is free from debris, dust, or buildup that could impede accurate temperature sensing. Disconnect power before cleaning.
- **Functionality Check:** If the equipment is not maintaining the correct temperature, or if the heating element is constantly on or off, the thermostat may require further inspection or replacement.

Note: Do not attempt to repair a faulty thermostat. Replace it with a genuine Bunn OEM part if it is not functioning correctly.

7. Troubleshooting

Problem	Possible Cause	Solution
Equipment not heating	No power to equipment Faulty heating element Faulty thermostat Loose wiring connection	Check power supply Test heating element (qualified personnel) Test thermostat continuity (qualified personnel) Inspect and secure wiring
Equipment overheating	Faulty thermostat (stuck closed) Sensing bulb improperly seated	Replace thermostat Ensure sensing bulb is correctly positioned
Inconsistent temperature	Sensing bulb not making good contact Thermostat cycling too frequently/infrequently	Verify sensing bulb placement Replace thermostat if cycling is abnormal

If troubleshooting steps do not resolve the issue, contact a qualified service technician or the product manufacturer for assistance.

8. Specifications

- **Part Number:** 4623-GTLU0087
- **Type:** Thermostat Kit
- **Temperature Setting:** 200°F (93°C)
- **Brand Compatibility:** Bunn
- **Manufacturer:** Fits Bunn (OEM Part)

9. Warranty Information

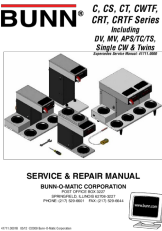

As a genuine OEM part, this thermostat kit is typically covered by the original equipment manufacturer's warranty for replacement parts. Please refer to the warranty documentation provided with your Bunn equipment or contact the seller/manufacturer for specific warranty terms and conditions.





10. Customer Support

For technical assistance, replacement parts, or further inquiries regarding the Bunn 4623-GTLU0087 Thermostat Kit, please contact your authorized Bunn service provider or the original seller of the product. When contacting support, please have your equipment model number and the thermostat part number (4623-GTLU0087) available.

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Related Documents - 4623-GTLU0087

 <p>BUNN® C, CS, CT, CWTF, CRT, CRTF Series Including DV, MV, APS/TC/TS, Single CW & Twins SERVICES & REPAIR MANUAL BUNN-O-MATIC CORPORATION BUNN-O-MATIC CORPORATION PO BOX 107000, OMAHA, NE 68107-0000 800-841-2345</p>	<p>BUNN Service & Repair Manual for C, CS, CT, CWTF, CRT, CRTF Series</p> <p>Comprehensive service and repair manual for BUNN coffee brewing equipment, covering troubleshooting, component testing, and replacement procedures for various models including C, CS, CT, CWTF, CRT, CRTF, DV, MV, APS/TC/TS, Single CW & Twins series.</p>
 <p>BUNN refresh® INSTALLATION & OPERATING GUIDE BUNN-O-MATIC CORPORATION BUNN-O-MATIC CORPORATION PO BOX 107000, OMAHA, NE 68107-0000 800-841-2345</p>	<p>BUNN refresh Installation and Operating Guide</p> <p>This document provides comprehensive installation and operating instructions for the BUNN refresh beverage dispenser. It covers essential setup procedures, electrical and plumbing requirements, CO2 hookup, initial filling and purging, dispenser usage, cleaning and maintenance, function indicators, and system schematics. Includes warranty information and contact details for Bunn-O-Matic Corporation.</p>

 <p>The cover of the BUNN U3/SRU Service Manual features the BUNN logo at the top left. Below it are two images of commercial coffee brewers. The title 'SERVICE MANUAL' is prominently displayed, followed by 'BUNN-O-MATIC CORPORATION'. At the bottom, there is a small text block containing technical specifications and a BUNN logo.</p>	<p>BUNN U3/SRU Service Manual Technical Guide</p> <p>Detailed service manual for BUNN U3 and SRU commercial coffee brewers. Includes troubleshooting, component access, test procedures, and wiring diagrams.</p>
 <p>The cover of the BUNN Speed Brew Coffee Maker Owner's Manual has a dark background with the title 'SPEED BREW OWNER'S MANUAL' in white. Below the title, it lists the models covered: GRX, BX, SBS, CSB1, CSB2, BTX, and CSB3T. The BUNN logo is at the bottom.</p>	<p>BUNN Speed Brew Coffee Maker Owner's Manual</p> <p>Comprehensive owner's manual for the BUNN Speed Brew coffee maker, covering setup, operation, cleaning, troubleshooting, and warranty information for models GRX, BX, SBS, CSB1, CSB2, BTX, and CSB3T.</p>
 <p>This cover is identical to the previous one, showing the 'SPEED BREW OWNER'S MANUAL' title and the list of models: GRX, BX, SBS, CSB1, CSB2, BTX, and CSB3T, with the BUNN logo at the bottom.</p>	<p>BUNN Speed Brew Owner's Manual: Setup, Operation, and Maintenance Guide</p> <p>Comprehensive owner's manual for BUNN Speed Brew coffee makers (models GRX, BX, SBS, CSB1, CSB2, BTX, CSB3T). Covers setup, brewing, cleaning, troubleshooting, and safety.</p>
 <p>The cover of the BUNN ThermoFresh Coffee Brewer Use and Care Manual features a red header with the title 'Use and Care Manual'. Below it is a large image of the ThermoFresh coffee brewer. The BUNN logo is visible on the machine's front panel.</p>	<p>BUNN ThermoFresh Coffee Brewer Use and Care Manual Setup, Brewing, Cleaning, and Warranty</p> <p>Comprehensive guide for the BUNN ThermoFresh coffee brewer, covering setup, brewing instructions, cleaning procedures, troubleshooting, and limited warranty information. Learn how to make perfect coffee with your BUNN brewer.</p>