Prince Castle 297-T9

Prince Castle Slim-Line Vertical Contact Toaster Model 297-T9 User Manual

1. Introduction

This manual provides comprehensive instructions for the safe and efficient operation, installation, and maintenance of your Prince Castle Slim-Line Vertical Contact Toaster, Model 297-T9. This commercial-grade toaster is designed for rapid and consistent toasting of various bread products, including buns, bagels, and bread slices, in a professional kitchen environment. Please read this manual thoroughly before operating the appliance and retain it for future reference.

2. Safety Information

WARNING: To reduce the risk of fire, electric shock, or injury, observe the following safety precautions:

- Ensure the toaster is connected to a properly grounded 120V electrical outlet. Do not use extension cords or adapters.
- Keep hands, hair, and clothing away from moving parts and hot surfaces during operation. The platen and surrounding areas become extremely hot.
- Do not immerse the toaster in water or other liquids.
- Unplug the toaster before cleaning, servicing, or when not in use.
- Do not operate the toaster with a damaged cord or plug, or if it has been dropped or damaged in any manner. Contact qualified service personnel.
- This appliance is intended for commercial use only.
- Ensure adequate ventilation around the unit.
- Only use the toaster for its intended purpose of toasting bread products.

3. Product Overview

The Prince Castle Slim-Line Vertical Contact Toaster Model 297-T9 is a heavy-duty commercial appliance designed for efficient and consistent toasting. Its compact design requires minimal counter space, making it suitable for

various kitchen layouts.

Key Features:

- **Rapid Toasting:** Achieves optimal caramelization in approximately 9 seconds.
- **Two-Level Platen Design:** Allows simultaneous toasting of thicker bun crowns and thinner bun heels. This model toasts one side of the bun.
- **Adjustable Bun Crush Control:** Fine-tune the compression for desired toast quality.
- **Adjustable Thermostat:** Control the platen temperature for consistent results.
- **Durable Construction:** Made from stainless steel for longevity and ease of cleaning.
- **Space-Saving Design:** Requires only 8 inches of counter space depth.

Components:



Figure 1: Front-left view of the Prince Castle Slim-Line Vertical Contact Toaster. This image shows the main body, control panel on the left, and the bun entry/exit area.

1. **Control Panel:** Located on the left side, housing the power switch, temperature control knob, and crush adjust knob.
2. **Power Switch (I/O):** Toggles the unit on and off.
3. **Temperature Control Knob (TEMP):** Adjusts the platen heating temperature.
4. **Crush Adjust Knob:** Controls the gap between the platen and the conveyor for desired bun compression.
5. **Toasting Platen:** The heated surface that toasts the bun.
6. **Conveyor System:** Moves buns through the toasting area.
7. **Bun Entry/Exit Slot:** Area where buns are inserted and retrieved.
8. **Drip Tray:** Collects crumbs and excess moisture.



Figure 2: Side view of the toaster, highlighting the control panel with the temperature and crush adjustment knobs, and the power switch.



Figure 3: The toaster in operation, showing a hand placing buns into the entry slot for toasting.

4. Setup

4.1 Unpacking

1. Carefully remove the toaster from its packaging.
2. Inspect the unit for any shipping damage. If damage is found, contact your supplier immediately. (Note: A previous customer reported a bent conveyor guide rail upon delivery. Inspect thoroughly.)
3. Remove all packing materials, including any protective films or ties.

4.2 Placement

- Place the toaster on a stable, level, heat-resistant surface.
- Ensure the unit has at least 6 inches of clearance from walls or other equipment for proper ventilation.
- The toaster requires only 8 inches of counter depth.

4.3 Electrical Connection

- Verify that the electrical supply matches the toaster's requirements: 120V, 60Hz.
- Plug the toaster into a dedicated, grounded electrical outlet. The unit is equipped with a 115v NEMA plug.
- Do not use multi-outlet adapters or extension cords.

4.4 Initial Inspection and Adjustment

- Before first use, ensure the conveyor gear is properly meshed. If not, use an Allen key to adjust them as needed.
- Check that all components are securely in place.

5. Operating Instructions

5.1 Powering On

1. Ensure the toaster is properly plugged in.
2. Flip the Power Switch (I/O) to the "I" (On) position. The indicator light will illuminate.

5.2 Adjusting Temperature

- Turn the Temperature Control Knob (TEMP) to set the desired platen temperature. Higher settings result in darker toast.
- Allow the unit approximately 10-15 minutes to preheat to the set temperature.

5.3 Adjusting Bun Crush

- The Crush Adjust Knob controls the compression applied to the bun as it passes through the toasting platen.
- Turn the knob to adjust the gap:
  - Turn towards "THICK" for less compression (suitable for thicker buns or lighter toast).
  - Turn towards "THIN" for more compression (suitable for thinner buns or more intense caramelization).
- Experiment with different settings to achieve the desired toast quality for your specific bread products.

5.4 Toasting Buns

1. Once the toaster is preheated and settings are adjusted, place the bun halves (cut side down) into the entry slot.
2. The conveyor system will automatically pull the buns through the heated platen.
3. Toasting typically takes approximately 9 seconds.
4. Retrieve the toasted buns from the exit slot. Use appropriate utensils to avoid contact with hot surfaces.

5.5 Powering Off

- When finished toasting, flip the Power Switch (I/O) to the "O" (Off) position.
- Unplug the unit from the electrical outlet when not in use for extended periods.

6. Maintenance and Cleaning

WARNING: Always unplug the toaster and allow it to cool completely before cleaning or performing any maintenance.

6.1 Daily Cleaning

- Wipe down all exterior stainless steel surfaces with a damp cloth and mild detergent. Dry thoroughly.
- Remove and empty the drip tray. Wash with warm, soapy water, rinse, and dry before replacing.

- Carefully remove any crumbs or debris from the toasting area using a brush or vacuum. Do not use abrasive cleaners or scouring pads, as they can damage the stainless steel finish.

6.2 Regular Inspection

- Periodically inspect the power cord for any signs of damage.
- Ensure all knobs and controls are functioning correctly.
- Check the conveyor system for smooth operation.

7. Troubleshooting

This section addresses common issues you might encounter with your toaster. For problems not listed here, or if solutions do not resolve the issue, contact qualified service personnel.

Problem	Possible Cause	Solution
Toaster does not power on.	Not plugged in; power switch off; circuit breaker tripped.	Ensure unit is securely plugged in. Flip power switch to "I". Check circuit breaker.
Buns are not toasting evenly or sufficiently.	Temperature too low; crush setting incorrect; unit not preheated.	Increase temperature setting. Adjust crush knob. Allow unit to preheat fully.
Buns are getting stuck or conveyor is not moving smoothly.	Conveyor gear misalignment; debris in conveyor path; bun crush too tight.	Unplug unit and inspect conveyor for debris. Check conveyor gear mesh and adjust with Allen key if necessary. Adjust crush knob to a looser setting.
Unit is excessively hot or smoking.	Overheating; debris burning.	Immediately power off and unplug the unit. Allow to cool. Inspect for debris and clean. If problem persists, contact service.

8. Specifications

- **Brand:** Prince Castle
- **Model:** 297-T9
- **Material:** Stainless Steel
- **Product Dimensions (D x W x H):** 8.3" x 25" x 26.3"
- **Item Weight:** 82 pounds
- **Electrical Requirements:** 120V, 60Hz (with 115v NEMA plug)
- **Toasting Speed:** Approximately 9 seconds
- **Counter Space Depth Required:** 8 inches

9. Warranty and Support

9.1 Warranty Information

This Prince Castle Slim-Line Vertical Contact Toaster, Model 297-T9, comes with a**one-year parts and labor warranty** from the date of purchase. This warranty covers defects in materials and workmanship under normal use. It does not cover damage resulting from misuse, abuse, unauthorized modifications, or improper installation.

9.2 Customer Support

For technical assistance, warranty claims, or to order replacement parts, please contact Prince Castle customer support. Refer to the contact information provided with your purchase documentation or visit the official Prince Castle website for current support details.
Website: www.princecastle.com

Ask a question about this manual

Ask about setup, troubleshooting, compatibility, parts, safety, or missing instructions. Manuals+ will review the question and use this page's manual context to help answer it.

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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