

**Bunn 52000.0100**

# BUNN 52000.0100 ITB Automatic Tea Brewer User Manual

Infusion Series Technology

## 1. INTRODUCTION

This manual provides comprehensive instructions for the safe and efficient operation, installation, and maintenance of the BUNN 52000.0100 ITB Automatic Tea Brewer with Infusion Series Technology. Please read this manual thoroughly before operating the appliance and retain it for future reference.

## 2. IMPORTANT SAFETY INFORMATION

### WARNING:

- Always disconnect the brewer from the power supply before cleaning or servicing.
- Do not immerse the brewer in water or other liquids.
- Ensure proper electrical grounding.
- Use only BUNN-approved parts and accessories.
- Keep hands and foreign objects away from hot surfaces and moving parts during operation.
- This appliance is intended for commercial use only.

## 3. PRODUCT OVERVIEW

The BUNN 52000.0100 ITB Automatic Tea Brewer is designed for efficient and consistent tea brewing in commercial settings. It features Infusion Series Technology for precise control over the brewing process.



**Figure 1:** Front view of the BUNN 52000.0100 ITB Automatic Tea Brewer. This image displays the stainless steel exterior, the control panel with a digital display at the top right, the translucent tea funnel positioned below the control panel, and the drip tray with a wire rack at the base.

### Key Components:

- **Control Panel:** Digital display and brew buttons for programming and operation.
- **Translucent Tea Funnel:** Holds tea leaves during brewing.
- **Peak Extraction Spray Head:** Multidirectional spray for optimal tea extraction.
- **Drip Tray:** Collects excess liquid and supports serving vessels.
- **Stainless Steel Exterior:** Durable and easy to clean housing.

## 4. SETUP AND INSTALLATION

1. **Unpacking:** Carefully remove the brewer from its packaging. Inspect for any shipping damage.

- Placement:** Position the brewer on a stable, level surface capable of supporting its weight when full. Ensure adequate clearance for ventilation.
- Water Connection:** Connect the brewer to a potable cold water supply using a dedicated shut-off valve. Ensure water pressure is within specified limits (refer to specifications). A qualified plumber should perform this connection.
- Electrical Connection:** Plug the brewer into a properly grounded 120V/60Hz/1-ph electrical outlet (NEMA 5-15P). Verify that the circuit can handle the 14.0 amps required by the unit.
- Initial Rinse:** Before first use, run several cycles with only water to flush the system.

## 5. OPERATING INSTRUCTIONS

### Basic Brewing Process:

- Power On:** Ensure the brewer is connected to power and water. The digital display will illuminate.
- Prepare Tea:** Place the desired amount of tea leaves into the translucent tea funnel.
- Insert Funnel:** Slide the tea funnel securely into its designated slot.
- Place Server:** Position an empty tea server or dispenser on the drip tray beneath the funnel.
- Select Brew:** Use the control panel to select one of the three available brew buttons. The brewer supports two batch sizes.
- Start Brew:** Press the selected brew button to initiate the brewing cycle. The Infusion Series Technology will manage pre-infusion and pulse brew for optimal extraction.
- Monitor:** The digital display will show the brewing progress.
- Serve:** Once brewing is complete, carefully remove the server and dispense tea.

### Programming Features:

The brewer features a programmable digital display for customizing brew parameters such as digital temperature control, pre-infusion times, and pulse brew settings. Refer to the detailed programming guide (available via USB programming) for advanced customization.

## 6. MAINTENANCE

### Daily Cleaning:

- Tea Funnel:** Remove and thoroughly rinse the translucent tea funnel after each use. Wash with mild detergent and warm water as needed.
- Drip Tray:** Empty and clean the drip tray and wire rack daily.
- Exterior:** Wipe down the stainless steel exterior with a damp cloth. Do not use abrasive cleaners.

### Periodic Maintenance:

- Deliming:** Depending on water quality, periodic deliming may be required. Consult a qualified service technician or the full service manual for instructions.
- Spray Head:** Inspect and clean the Peak Extraction spray head regularly to ensure proper water flow.

## 7. TROUBLESHOOTING

Problem	Possible Cause	Solution
Brewer not powering on	No power supply; tripped circuit breaker	Check power cord connection; reset circuit breaker
No water flow	Water supply off; clogged water line	Ensure water supply is on; check for kinks in water line; consult technician for clogs
Tea tastes weak	Insufficient tea leaves; incorrect brew settings	Adjust tea quantity; verify brew button settings and programming
Error message on display	System malfunction	Refer to the full service manual for specific error codes or contact BUNN customer support.

## 8. SPECIFICATIONS

**Model:** BUNN 52000.0100 ITB

**Type:** Automatic Tea Brewer

**Technology:** Infusion Series

**Brew Buttons:** 3

**Batch Sizes:** 2

**Spray Head:** Multidirectional Peak Extraction

**Features:** Pre-infusion, Pulse Brew, Programmable Digital Display, Digital Temperature Control, USB Programming Capable

**Funnel:** Translucent Tea Funnel

**Exterior:** Stainless Steel

**Power:** 1.7kW, 120V/60/1-ph, 14.0 Amps

**Plug Type:** NEMA 5-15P

**Certifications:** UL, NSF

**Included Components:** Filter

## 9. CUSTOMER SUPPORT

For technical assistance, service, or to order replacement parts, please contact BUNN customer support. Always provide the model number (52000.0100) when contacting support.

*Note: Servers and dispensers are sold separately and are not included with the brewer.*

## Related Documents - 52000.0100

	<p><a href="#">BUNN Infusion Series ITB/ITCB Brewers: Installation &amp; Operating Guide</a></p> <p>Comprehensive installation and operating guide for BUNN Infusion Series ITB, ITCB, ITCB-DV HV, and ITCB TWIN HV commercial brewers. Covers product overview, warranty, safety notices, electrical and plumbing requirements, operating controls, initial setup, brewing procedures for tea and coffee, cleaning, sanitizing, and programming.</p>
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 <p><b>BUNN Infusion Series SH Brewers</b> Bunn Brewers designed to deliver the very best in coffee and tea brewing ICB Twin SH, ICB SH, ICBA SH</p> <p><b>PROGRAMMING MANUAL</b> To learn more about the Infusion Series SH Brewers, visit <a href="http://www.bunn.com">www.bunn.com</a>. For service, contact Bunn-O-Matic Corporation at 1-800-334-8828. For troubleshooting, visit <a href="http://www.bunn.com">www.bunn.com</a>. Bunn-O-Matic Corporation Post Office Box 1200 • 1000 Bunn Drive • Carrollton, TX 75006-1200 www.bunn.com</p>	<p><a href="#">BUNN Infusion Series SH Brewers Programming Manual</a></p> <p>Programming manual for BUNN Infusion Series SH Brewers (ICB Twin SH, ICB SH, ICBA SH), detailing setup, configuration, and troubleshooting for commercial coffee brewing equipment.</p>
 <p><b>BUNN® SMART WAVE® Series</b> Smart Wave Series Smart Wave Silver Series Conical Coffee/Tea Brewer</p> <p><b>INSTALLATION &amp; OPERATING GUIDE</b> Bunn-O-Matic Corporation Post Office Box 1200 • 1000 Bunn Drive • Carrollton, TX 75006-1200 www.bunn.com</p>	<p><a href="#">Bunn Smart Wave Series Coffee Brewer Installation and Operating Guide</a></p> <p>Comprehensive guide for Bunn Smart Wave Series coffee and tea brewers, covering installation, operation, programming, maintenance, and troubleshooting. Includes electrical and plumbing requirements, user notices, and control descriptions.</p>
 <p><b>BUNN Infusion Series® Platinum Edition® Pro</b> Multi-Temp Batch Brewing Coffee &amp; Tea System</p> <p><b>INSTALLATION &amp; OPERATING GUIDE</b> For Service, contact Bunn-O-Matic Corporation at 1-800-334-8828 Bunn-O-Matic Corporation Post Office Box 1200 • 1000 Bunn Drive • Carrollton, TX 75006-1200 www.bunn.com</p>	<p><a href="#">BUNN Infusion Series Platinum Edition Pro Installation and Operating Guide</a></p> <p>Official Installation and Operating Guide for the BUNN Infusion Series Platinum Edition Pro Multi-Temp Batch Brewing Coffee &amp; Tea System. Covers setup, operation, programming, cleaning, and maintenance for commercial use.</p>
 <p><b>BUNN Infusion Series®</b> Coffee brewer designed to deliver the very best in coffee and tea brewing ICB Twin, ICB-DV, ICBA, ICBB</p> <p><b>ILLUSTRATED PARTS CATALOG</b> Design, layout, parts, schematics, and drawings are the property of Bunn-O-Matic Corporation and are subject to change without notice or obligation. © 2002 Bunn-O-Matic Corporation. All rights reserved. Bunn-O-Matic is a registered trademark of Bunn-O-Matic Corporation. Bunn, the Bunn logo, and the Bunn design are trademarks of Bunn-O-Matic Corporation. Bunn-O-Matic Corporation Post Office Box 1200 • 1000 Bunn Drive • Carrollton, TX 75006-1200 www.bunn.com</p>	<p><a href="#">BUNN Infusion Series ICB Twin, ICB-DV, ICBA, ICBB Illustrated Parts Catalog</a></p> <p>Illustrated Parts Catalog for BUNN Infusion Series ICB Twin, ICB-DV, ICBA, and ICBB coffee brewers. Provides detailed part numbers, descriptions, and diagrams for assembly and maintenance of these commercial coffee brewing systems.</p>
 <p><b>BUNN® VPR-VPS SERIES</b> VPR-VPS</p> <p><b>INSTALLATION &amp; OPERATING GUIDE</b> Bunn-O-Matic Corporation Post Office Box 1200 • 1000 Bunn Drive • Carrollton, TX 75006-1200 www.bunn.com</p>	<p><a href="#">BUNN VPR-VPS Series: Installation and Operating Guide</a></p> <p>Comprehensive installation and operating guide for the BUNN VPR-VPS Series commercial coffee brewers, including setup, brewing, cleaning, and warranty information.</p>