

BUNN 54000.0100

BUNN 54000.0100 ITCB-DV HV PE Infusion Series High Volume Tea/Coffee Brewer User Manual

Model: 54000.0100

INTRODUCTION

This manual provides comprehensive instructions for the installation, operation, and maintenance of your BUNN 54000.0100 ITCB-DV HV PE Infusion Series High Volume Tea/Coffee Brewer. Please read this manual thoroughly before operating the equipment to ensure safe and efficient use. This high-volume brewer is designed for commercial environments, featuring advanced brewing technologies for both coffee and tea.

Important Note: Servers and dispensers are sold separately and are not included with this brewer.



Image: The BUNN 54000.0100 ITCB-DV HV PE Infusion Series High Volume Tea/Coffee Brewer, featuring a stainless steel exterior, a digital touchscreen display at the top, and a large stainless steel thermal server with a dispenser tap at the bottom. The coffee/tea funnel is visible above the server.

IMPORTANT SAFETY INFORMATION

Always follow basic safety precautions when using electrical appliances to reduce the risk of fire, electric shock, and injury to persons. This appliance is intended for commercial use only.

- Read all instructions before using the appliance.
- Do not touch hot surfaces. Use handles or knobs.
- To protect against fire, electric shock, and injury, do not immerse cord, plugs, or appliance in water or other liquid.
- Close supervision is necessary when any appliance is used by or near children.
- Unplug from outlet when not in use and before cleaning. Allow to cool before putting on or taking off parts, and before cleaning the appliance.
- Do not operate any appliance with a damaged cord or plug or after the appliance malfunctions, or has been

damaged in any manner. Return appliance to the nearest authorized service facility for examination, repair, or adjustment.

- The use of accessory attachments not recommended by the appliance manufacturer may result in fire, electric shock, or injury to persons.
- Do not use outdoors.
- Do not let cord hang over edge of table or counter, or touch hot surfaces.
- Do not place on or near a hot gas or electric burner, or in a heated oven.
- Always attach plug to appliance first, then plug cord into the wall outlet. To disconnect, turn any control to "off", then remove plug from wall outlet.
- Do not use appliance for other than intended use.
- Ensure proper grounding for electrical connections.

SETUP INSTRUCTIONS

1. Unpacking

- Carefully remove the brewer from its packaging.
- Inspect the unit for any shipping damage. Report any damage immediately to your supplier.
- Remove all packing materials, including any protective films or ties.

2. Placement

- Place the brewer on a stable, level, and sturdy surface capable of supporting its weight when full.
- Ensure adequate clearance around the unit for ventilation and access for maintenance.
- Locate the brewer near a suitable water supply and electrical outlet.

3. Initial Cleaning

- Before first use, wipe down the exterior of the brewer with a damp cloth.
- Wash the included coffee funnel, tea funnel, and milk frother with warm, soapy water, then rinse thoroughly.
- Run several cycles of plain water through the brewer to flush the internal components.

4. Water Connection

- This brewer requires a plumbed-in water connection. Professional installation by a qualified plumber is highly recommended to ensure proper connection and prevent leaks.
- Connect the brewer to a cold water supply line with appropriate pressure and flow rate as specified in the technical data.
- Install a water filter system if local water quality requires it to prevent scale buildup and ensure optimal beverage taste.

5. Electrical Connection

- Ensure the electrical supply matches the brewer's requirements. The unit is factory-configured for 120V/60/1-ph, 1700 watts, 14 amps, with a NEMA 5-15P plug.
- The unit is field convertible to 120/208V/60/1-ph, 2900 watts, 14 amps (direct wired) or 120/240V/60/1-ph, 4050 watts, 17 amps (direct wired). Conversion should only be performed by a qualified electrician.
- Plug the brewer into a dedicated, grounded electrical outlet. Avoid using extension cords.

OPERATING YOUR BREWER

1. Control Panel Overview

The brewer features a 4-3/10" color touchscreen display for intuitive control. This interface allows you to select brew recipes, adjust settings, and monitor brewing status.

- **Digital Temperature Control:** Use the touchscreen to precisely set and monitor the brewing water temperature for optimal extraction.
- **Wireless Interface:** The integrated wireless interface allows for remote management and recipe updates (consult BUNN documentation for specific connectivity features).

2. Brewing Coffee

1. Ensure the coffee funnel is clean and properly seated in the brew head.
2. Add the desired amount of ground coffee to the coffee funnel.
3. Place an empty coffee server (not included) beneath the funnel.
4. Select the desired coffee recipe or brew size on the touchscreen. The brewer utilizes a SmartWAVE sprayhead, pre-infusion, and pulse brew technology for consistent extraction.
5. Initiate the brew cycle. The display will show the brewing progress.
6. Once brewing is complete, carefully remove the server.

3. Brewing Tea

1. Ensure the plastic tea funnel is clean and properly seated in the brew head.
2. Add the desired amount of loose leaf tea or tea bags to the tea funnel.
3. Place an empty tea dispenser (not included) beneath the funnel.
4. Select the desired tea recipe or brew size on the touchscreen. The brewer includes a dilution feature with an integrated dilution nozzle for precise tea concentration.
5. Initiate the brew cycle.
6. Once brewing is complete, carefully remove the dispenser.

MAINTENANCE AND CARE

Regular cleaning and maintenance will ensure the longevity and optimal performance of your BUNN brewer.

1. Daily Cleaning

- **Exterior:** Wipe down the stainless steel exterior with a damp cloth and mild, non-abrasive cleaner. Do not use harsh chemicals or abrasive pads.
- **Funnels:** Remove and thoroughly wash the coffee and tea funnels after each use with warm, soapy water. Rinse completely and allow to air dry.
- **Drip Tray:** Empty and clean the drip tray regularly to prevent overflow and maintain hygiene.

2. Periodic Descaling

- Depending on water hardness, mineral deposits (scale) can build up inside the brewer. This can affect performance and taste.
- Descaling should be performed periodically using a commercial descaling solution designed for coffee/tea brewers. Follow the descaling product's instructions carefully.
- It is recommended to consult the full BUNN service manual or a qualified technician for detailed descaling procedures.

TROUBLESHOOTING GUIDE

This section addresses common issues you might encounter with your brewer. For problems not listed here, please contact customer support.

Problem	Possible Cause	Solution
Brewer does not power on	No power to outlet; power cord unplugged; circuit breaker tripped.	Check power cord connection; verify outlet has power; reset circuit breaker.
No water flow or slow flow	Water supply valve closed; water line kinked; water filter clogged; scale buildup.	Open water supply valve; straighten water line; replace water filter; descale brewer.
Brewed beverage is weak	Insufficient coffee/tea; incorrect grind size; low brew temperature.	Increase coffee/tea amount; adjust grind size; check and adjust brew temperature settings.
Brewer leaks water	Loose water connections; damaged seals; clogged drain.	Check all water line connections; inspect and replace damaged seals; clear any clogs. Contact service if issue persists.

PRODUCT SPECIFICATIONS

Feature	Detail
Model Number	54000.0100
Brand	BUNN
Description	ITCB-DV HV PE Infusion Series High Volume Tea/Coffee Brewer
Tank Capacity	3 Gallon
Brewing Technology	SmartWAVE sprayhead, Pre-infusion & Pulse Brew
Control Interface	4-3/10" Color Touchscreen
Temperature Control	Digital Temperature Control
Connectivity	Wireless Interface
Dilution Feature	Integrated dilution nozzle for tea
Electrical (Factory)	120V/60/1-ph, 1700 Watts, 14 Amps, NEMA 5-15P

Feature	Detail
Electrical (Convertible)	120/208V/60/1-ph, 2900 Watts, 14 Amps (direct wired) OR 120/240V/60/1-ph, 4050 Watts, 17 Amps (direct wired)
Included Components	Coffee Funnel, Tea Funnel, Milk Frother
Certifications	UL, NSF
Color	Stainless
Operation Mode	Fully Automatic

WARRANTY INFORMATION

BUNN products are manufactured to the highest quality standards and are backed by a manufacturer's warranty. Specific warranty terms and conditions, including duration and coverage, are typically provided with the product documentation or can be found on the official BUNN website. Please retain your proof of purchase for warranty claims.

CUSTOMER SUPPORT

For technical assistance, parts, or service inquiries regarding your BUNN 54000.0100 ITCB-DV HV PE Infusion Series High Volume Tea/Coffee Brewer, please contact BUNN customer support directly or visit their official website.

You can find more information and contact details by visiting the [BUNN Store on Amazon](#).

Related Documents - 54000.0100

	BUNN Infusion Series SH Brewers Programming Manual 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.
	BUNN Infusion Series ICB Twin, ICB-DV, ICBA, ICBB Illustrated Parts Catalog 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.

	BUNN ICB Series Infusion Series Illustrated Parts Catalog Illustrated parts catalog for BUNN ICB Series Infusion Series brewers with Smart Funnel. Includes part numbers, diagrams, and specifications for commercial coffee brewing equipment.
	BUNN Premia Coffee Brewer Service and Repair Manual This service and repair manual provides detailed information for the BUNN Premia Coffee Brewer, a bean-to-batch medium to high volume brewer. It covers troubleshooting, component identification, and maintenance procedures.
	BUNN Premia® Bean-to-Batch Coffee Brewer Programming Manual Programming manual for the BUNN Premia® Bean-to-Batch Medium to High Volume Coffee Brewer with Auto Clean. Covers operation, setup, cleaning, and maintenance procedures.
	BUNN ICBA, ICBB, ICBC, ICB-DV, ICB Twin New Infusion Series Installation and Operating Guide Comprehensive guide for the installation and operation of BUNN ICBA, ICBB, ICBC, ICB-DV, and ICB Twin coffee brewers, including safety precautions, operating procedures, and troubleshooting.



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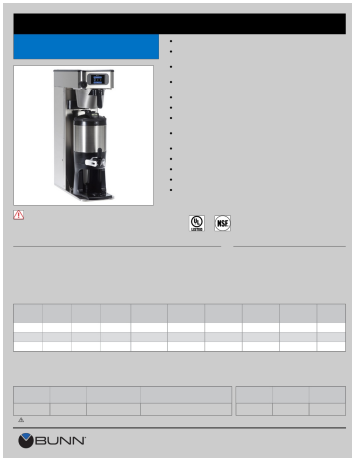


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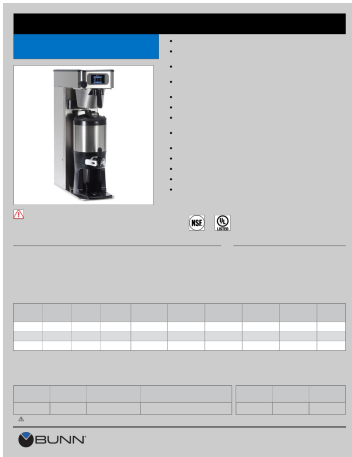
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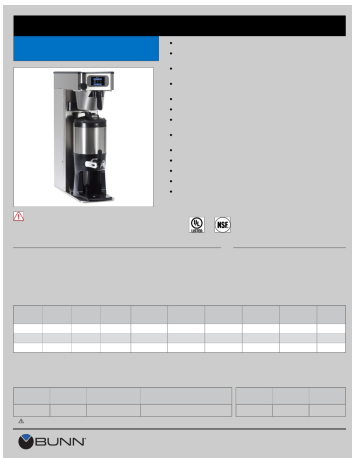
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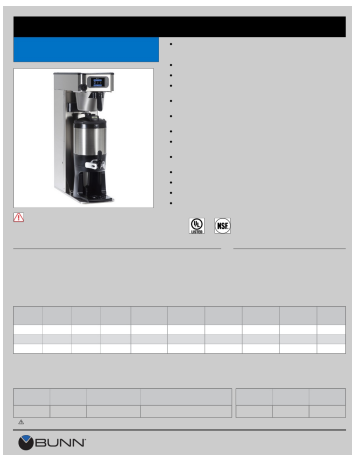
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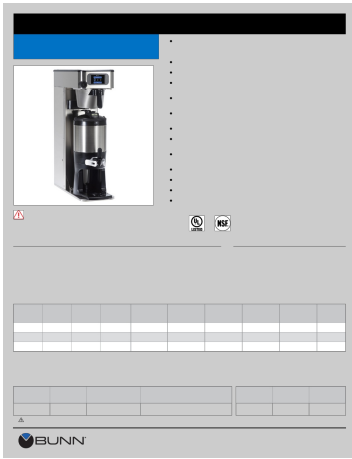
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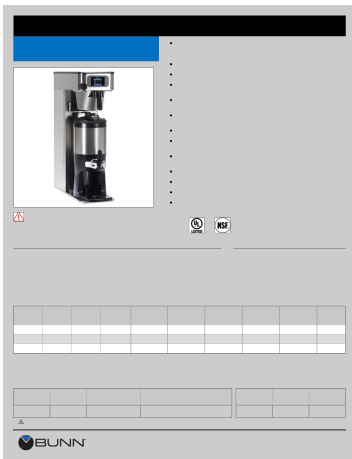
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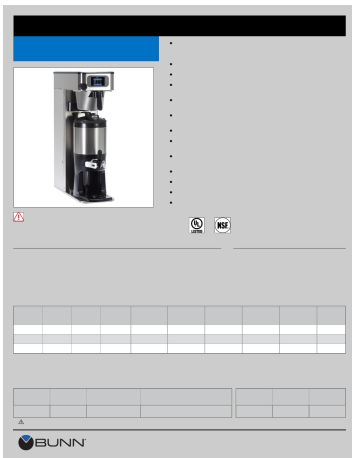
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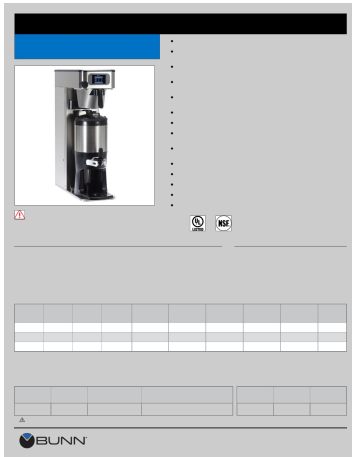
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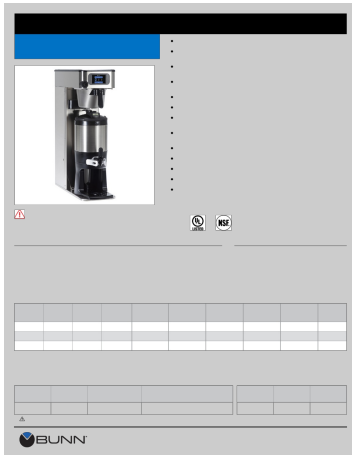


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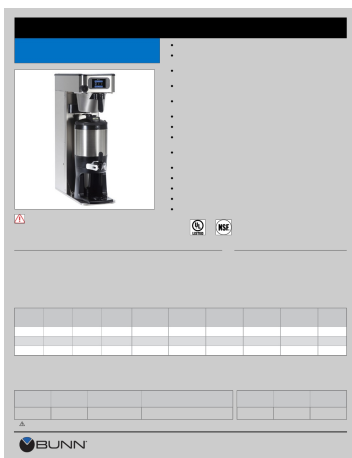


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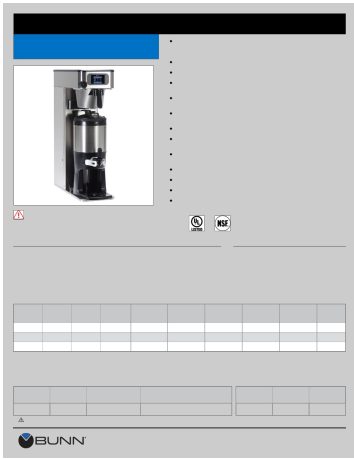


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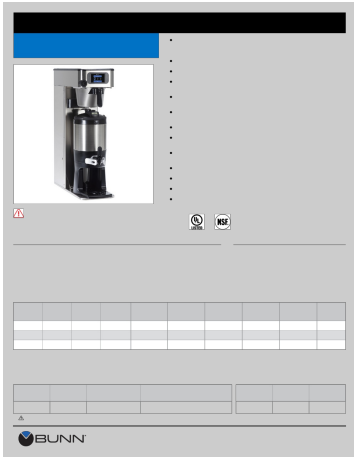
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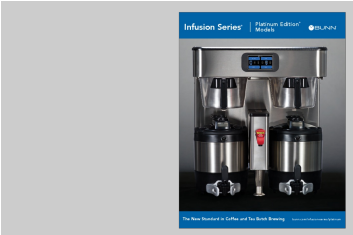
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ITCB Dual-Volt High Volume, PE

35.0" x 24.3" x 10.0"
(88.9cm x 61.7cm x 25.4cm)



Agency

- 4.3" Color Touchscreen aids in customizing recipes, brewing options and controls
- The CHERITY Key pad feature allows for easy customization of recipe names in English, Spanish, and French
- SmartWAVE sprayhead technology provides enhanced uniformity of extraction and helps reduce limescale
- Customers can easily add up to 10 temperature images to adjust and provide clear front-end product
- Brewing into 2 gallon and 4.0 gallon (7.6 and 15.9 liter) stainless steel kegs for coffee and TCO and TCO to tea preparation
- Dilution feature also allows for brewing iced coffee
- Includes both coffee (dual) and tea (plastic) funnels
- The brewing capability built-in with integrated dilution nozzle, software and Quick Release Tea Brewing System
- BrewWAVE intelligence with pre-infusion and pulse brew for maximum flavor extraction
- Digital temperature control and cold brew lockout
- Energy sensor module reduces tank temperature during idle periods
- Large 5gal (19.0L) tank provides back-to-back brewing capacity
- Dual voltage operation (Can operate at 120V/15 amp or 208V/20 amp)

Specifications

Additional Features

Product #: 54000.0100

Water Access: Plumbed

Interface: Wireless

Finish: Stainless

Funnel: Stainless Steel

Electrical & Capacity

Plumbing Requirements

CAD Drawings

Size	Area	Depth	Code	Flag Type	Max Capacity	Height (H)	Power	# Filter	Unit
120	14	10.0	Yes	NO/240V-15P	5.2	40" (101.6cm)	1	2	40
208V	14	24.0	Yes	Yes	19.0	40" (101.6cm)	1	2	80
240V	17	4.00	Yes	Yes	19.0	40" (101.6cm)	1	2	80

Size	Area	Depth	Code	Flag Type	Max Capacity	Height (H)	Power	# Filter	Unit
120	14	10.0	Yes	NO/240V-15P	5.2	40" (101.6cm)	1	2	40
208V	14	24.0	Yes	Yes	19.0	40" (101.6cm)	1	2	80
240V	17	4.00	Yes	Yes	19.0	40" (101.6cm)	1	2	80

Size	Area	Depth	Code	Flag Type	Max Capacity	Height (H)	Power	# Filter	Unit
120	14	10.0	Yes	NO/240V-15P	5.2	40" (101.6cm)	1	2	40
208V	14	24.0	Yes	Yes	19.0	40" (101.6cm)	1	2	80
240V	17	4.00	Yes	Yes	19.0	40" (101.6cm)	1	2	80

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[pdf] Specifications

234540000100 spec sheet webstaurantstore documents specsheets ||| ITCB Dual-Volt High Volume, PE 35.0 x 24.3 x 10.0 88.9cm x 61.7cm x 25.4cm 4.3 Color Touchscr ... ge adaptable Can operate at 120V/15 amp or 120/208-240V/20 amp Agency: Specifications Product #: **54000.0100** Water Access: Plumbed Interface: Wireless Finish: Stainless Funnel: Stainless Steel Funn... lang:en score:20 filesize: 3.94 M page_count: 6 document date: 2019-01-02



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ITB/ITCB/HV ICB SH/DV/TWIN New Infusion Series Platinum Edition SERVICE MANUAL INSTALLATION OPERAT ... FIG. 33-2 53600.0100 ICB TWIN SH PE, 120/240V SST FIG. 33-2 53300.0100 ICB-DV PE, 120V FIG. 33-2 **54000.0100** ITCB-DV HV PE, 20/208-240V FIG. 33-2 53400.0100 ICB Twin PE, 120/240V SST 37 FIG. 33-2 ...

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ITB/ITCB/HV ICB SH/DV/TWIN New Infusion Series Platinum Edition SERVICE
 MANUAL INSTALLATION OPERAT ... FIG. 33-2 53600.0100 ICB TWIN SH PE,
 120/240V SST FIG. 33-2 53300.0100 ICB-DV PE, 120V FIG. 33-2 **54000.0100** ITCB-
 DV HV PE, 20/208-240V FIG. 33-2 53400.0100 ICB Twin PE, 120/240V SST 37 FIG.
 33-2 ...

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ITB/ITCB/HV ICB SH/DV/TWIN New Infusion Series Platinum Edition SERVICE
 MANUAL INSTALLATION OPERAT ... FIG. 33-2 53600.0100 ICB TWIN SH PE,
 120/240V SST FIG. 33-2 53300.0100 ICB-DV PE, 120V FIG. 33-2 **54000.0100** ITCB-
 DV HV PE, 20/208-240V FIG. 33-2 53400.0100 ICB Twin PE, 120/240V SST 37 FIG.
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ITB/ITCB/HV ICB SH/DV/TWIN New Infusion Series Platinum Edition SERVICE
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 SST FIG. 33-2 53300.0100 ICB-DV PE, 120V FIG. 33-2 **54000.0100** ITCB-DV HV PE,
 20/208-240V FIG. 33-2 53400.0100 ICB Twin PE, 120/240V SST 37 FIG. 33-2 ...

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