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Nutrichef PKBRKTL150

Nutrichef Home Beer Brewing Machine PKBRKTL150 User Manual

Model: PKBRKTL150

1. Introduction

The Nutrichef Home Beer Brewing Machine PKBRKTL150 is designed for home brewing enthusiasts, offering a comprehensive system for crafting various beer styles. This manual provides essential information for the safe and efficient operation of your brewing machine, from initial setup to maintenance.



Figure 1.1: Nutrichef Home Beer Brewing Machine PKBRKTL150

2. Safety Instructions

Please read all safety instructions carefully before operating the appliance. Failure to follow these instructions may result in electric shock, fire, or serious injury.

- Always ensure the appliance is plugged into a grounded outlet with the correct voltage (120V 60Hz).
- Do not immerse the main unit, cord, or plug in water or other liquids.
- Exercise extreme caution when handling hot liquids. The brewing machine and its contents will reach high temperatures during operation.
- Keep hands and face away from steam vents during operation.
- Ensure the appliance is placed on a stable, heat-resistant surface.
- Do not operate the appliance if the cord or plug is damaged, or if the appliance malfunctions or has been damaged in any manner.
- Unplug the appliance from the outlet when not in use and before cleaning.
- This appliance is for household use only. Do not use outdoors.

3. Package Contents

Carefully unpack all components and verify that you have received the following items:

- Stainless Steel Kettle with Program Controller
- Glass Lid
- Inner Malt Pipe
- Filter Screen
- Lifting Handle
- Recipe Book



Figure 3.1: Included Components



Figure 3.2: Included Recipe Book

4. Product Overview and Features

The Nutrichef Home Beer Brewing Machine is constructed from food-grade 304 stainless steel, ensuring durability and hygiene. Key features include:

- **Capacity:** 9 Gallons maximum volume, capable of mashing up to 17 lbs of malt.
- **Construction:** Heavy-duty single-wall stainless steel kettle.
- **Control System:** Adjustable program controller with an extra-large waterproof LCD screen. Switchable between Fahrenheit and Centigrade.
- **Programmable Brewing:** Supports programmable brew recipes with automatic multi-step time and temperature schedules.
- **Wattage Control:** Adjustable 10-step wattage setting, up to a maximum of 1600W.
- **Malt Pipe Design:** Inner malt pipe with an octagonal wort draining stand and a detachable filter screen. Features a no-hole handle design for lifting, preventing grain leakage into the wort.
- **Lid:** Visible transparent glass lid with a thermometer hole.
- **Valve:** External stainless steel 1/2-inch valve for easy draining.

- **Power:** Plugs into a standard wall outlet (120V 60Hz).



Figure 4.1: Main Components



Figure 4.2: Malt Pipe and Filter Screen Details

5. Setup

Follow these steps to set up your brewing machine:

1. **Placement:** Place the stainless steel kettle on a flat, stable, and heat-resistant surface. Ensure adequate clearance around the unit for ventilation and safe operation.
2. **Valve Installation:** Ensure the external 1/2-inch valve is securely attached to the kettle.
3. **Malt Pipe Assembly:** Insert the detachable filter screen into the bottom of the inner malt pipe. Place the octagonal wort draining stand into the kettle, then lower the inner malt pipe onto the stand.
4. **Lid:** Place the glass lid on top of the kettle.
5. **Power Connection:** Plug the power cord into a standard 120V 60Hz wall outlet.



Figure 5.1: External Valve and Power Connection

6. Operating Instructions

6.1 Control Panel Overview

The control panel allows you to program and monitor your brewing process. Refer to Figure 6.1 for button functions:

- **Power Button:** Brew program ON and OFF.
- **PROG (Program Selector):** Selects between preset programs or custom settings.
- **°C/°F Converter:** Toggles temperature display between Celsius and Fahrenheit.
- **Play/Pause:** Starts or pauses the brewing process.
- **STEP Selector:** Navigates between brewing steps (M1, M2, etc.).
- **SET Mode:** Enters setting mode for parameters.
- **+/- Buttons:** Increase or decrease values (time, temperature, wattage).



STEP	TEMP (°C)	TIME (M)	WATTAGE
S	71	N/A	100%
M1	45	0	60%
M2	50	0	60%
M3	60	0	60%
M4	65	60	60%
M5	70	0	60%
L	78	10	60%
B1	100	45	80%
B2	100	10	80%
B3	100	5	80%

Figure 6.1: Programmable Control System

6.2 Programming a Brew Recipe

The machine supports multi-step mashing. You can customize up to 5 steps (M1-M5) each with unique time and temperature settings, followed by Lauter (L) and Boil (B1-B3) phases.

1. **Power On:** Press the Power button to turn on the unit.
2. **Select Program:** Press the PROG button to cycle through available programs or select a custom setting.
3. **Enter Settings:** Press the SET button to enter parameter adjustment mode.
4. **Adjust Steps:** Use the STEP selector to choose the desired step (e.g., M1, M2). Use the +/- buttons to adjust the temperature, time, and wattage for each step.
5. **Confirm Settings:** Once all steps are programmed, press SET again to exit the setting mode.
6. **Start Brewing:** Press the Play/Pause button to begin the brewing process. The machine will automatically follow the programmed schedule.

The LCD screen will display the current program phase, temperature, and wattage. You can monitor the process through the transparent glass lid.

7. Maintenance and Cleaning

Regular cleaning ensures optimal performance and longevity of your brewing machine.

1. **Unplug:** Always unplug the appliance and allow it to cool completely before cleaning.
2. **Empty Contents:** Drain all liquids from the kettle using the external valve.
3. **Disassemble:** Remove the glass lid, inner malt pipe, filter screen, and lifting handle.
4. **Clean Components:** Wash all removable parts (malt pipe, filter screen, lid, handle) with warm, soapy water and a soft brush or sponge. Rinse thoroughly.
5. **Clean Kettle Interior:** Clean the interior of the stainless steel kettle with warm, soapy water. For stubborn residues, a non-abrasive cleaner designed for stainless steel can be used. Rinse thoroughly multiple times to remove all soap residue.
6. **Clean Exterior:** Wipe the exterior of the kettle and control panel with a damp cloth. Do not use abrasive cleaners or immerse the main unit in water.
7. **Dry:** Ensure all parts are completely dry before reassembling or storing.

8. Troubleshooting

If you encounter issues with your brewing machine, refer to the following common problems and solutions:

Problem	Possible Cause	Solution
Machine does not power on.	Not plugged in; power outlet issue; power button not pressed.	Ensure power cord is securely plugged in. Check the wall outlet with another appliance. Press the power button firmly.
Temperature not reaching set point.	Insufficient wattage setting; too much liquid; lid not properly sealed.	Increase the wattage setting. Ensure the lid is securely in place to retain heat. Verify the volume of liquid is within the machine's capacity.
Grain leaking into wort.	Filter screen not properly seated; damaged filter screen.	Ensure the filter screen is correctly placed at the bottom of the malt pipe. Inspect the filter screen for damage and replace if necessary.
Error message on LCD screen.	Sensor malfunction; overheating.	Refer to the full product manual for specific error codes. Unplug the unit, allow it to cool, and restart. If the problem persists, contact customer support.

For issues not listed here, please contact Nutrichef customer support.

9. Specifications

Technical details for the Nutrichef Home Beer Brewing Machine PKBRKTL150:

- **Model Number:** PKBRKTL150
- **Power Output:** 120V 60Hz
- **Max Wattage:** 1600W
- **Max Volume Capacity:** 9 Gallons
- **LCD Screen Dimensions (L x W):** 2.36" x 2" -inches
- **Total Assembled Dimensions (D x H):** 15.3" x 30.3" -inches
- **Construction Material:** Food Grade 304 Stainless Steel (kettle, tap), PP Base Bottom and PP Control Panel, Tempered Glass Lid.

- **Item Weight:** 8.62 kg



Figure 9.1: Product Dimensions and Capacity

10. Warranty and Support

Specific warranty information for the Nutrichef Home Beer Brewing Machine PKBRKTL150 is typically provided with your purchase documentation or can be found on the official Nutrichef website. Please retain your proof of purchase for warranty claims.

For technical support, troubleshooting assistance, or to inquire about replacement parts, please visit the official Nutrichef support channels or contact their customer service department.

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