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Pladeca PDC-PC-D596119-MB-BB-US

Pladeca 36 Inch Electric Cooktop Instruction Manual

Model: PDC-PC-D596119-MB-BB-US

1. Introduction

This manual provides essential information for the safe and efficient operation of your Pladeca 36 Inch Electric Cooktop. Please read all instructions carefully before installation and use, and retain this manual for future reference.

1.1 Safety Information

- Ensure the cooktop is installed by a qualified technician in accordance with local electrical codes.
- Do not operate the cooktop if the glass ceramic surface is cracked or broken.
- Keep children away from the cooktop during operation and when it is cooling down.
- Use only cookware appropriate for electric cooktops.
- Avoid placing metallic objects on the cooktop surface as they can become hot.
- Do not store flammable materials near the cooktop.
- Always turn off the cooktop and allow it to cool before cleaning.

2. Product Features

The Pladeca 36 Inch Electric Cooktop is designed for modern kitchens, offering advanced features for versatile cooking.

- **5 High-Performance Burners:** Five electric radiant burners provide a total output of 9600W for rapid and even heating.
- **Glass Ceramic Surface:** A sleek, scratch-resistant, and easy-to-clean surface enhances kitchen aesthetics.
- **Smart Touch Control:** Precise fingertip control for adjusting heat settings and activating functions.
- **Flexible Zone:** The left-side burners can be combined to create an extended heating area, accommodating larger or irregularly shaped cookware.
- **BBQ Mode:** A dedicated function for grilling and searing, providing intense heat without open flames.
- **Child Lock:** Prevents accidental operation, enhancing safety in households with children.
- **Built-in Timer:** Adjustable from 1 to 99 minutes for precise cooking control.
- **Overheat Protection:** Automatically shuts off the cooktop if excessive temperatures are detected.
- **Residual Heat Indicator:** Visual warning to indicate hot surfaces after use.
- **Automatic Shut-Off:** Enhances safety by turning off burners after a prolonged period of inactivity.



Image: Overview of the 5 burner cooktop with individual power ratings (2700W, 1600W, 3900W, 1050W, 1950W, 1800W, 1200W, 1600W).

3. Installation

This electric cooktop is designed for built-in installation and requires a 220-240V hardwired electrical connection. Professional installation is recommended.

3.1 Pre-Installation Checklist

- Verify that the electrical supply meets the 220-240V requirement.
- Ensure the countertop cutout dimensions match the cooktop specifications.
- Confirm adequate ventilation space around the cooktop.

3.2 Dimensions and Wiring

Refer to the diagram below for precise product and cutout dimensions, and the electrical wiring schematic.



Image: Detailed dimensions for installation (35.43"D x 20.47"W x 1.73"H) and a wiring diagram for hardwired connection (Black, Red, Green Ground, Brown wires).

3.3 Installation Steps (Summary)

1. Prepare the countertop cutout according to the specified dimensions.
2. Lower the cooktop into the cutout, ensuring it sits flush.
3. Connect the cooktop to the 220-240V hardwired electrical supply following the provided wiring diagram and local electrical codes.
4. Secure the cooktop using the provided mounting brackets, if applicable.

4. Operation

The cooktop features intuitive touch controls for easy operation. Familiarize yourself with the control panel layout.



Image: Detailed view of the control panel, indicating Pause control, Heating zone selection, Power regulating control, BBQ control, Extended zone, Timer control, Timer regulating control, Child lock control, and ON/OFF control.

4.1 Basic Operation

1. **Power On/Off:** Touch the **ON/OFF** control to turn the cooktop on or off.
2. **Zone Selection:** Select the desired heating zone by touching its corresponding control.
3. **Power Regulation:** Use the **+** and **-** controls to adjust the power level for the selected zone.

4.2 Special Functions

- **Child Lock:** Activate the **Child Lock** control to prevent accidental changes to settings or activation of burners. Deactivate by pressing and holding the control again.
- **Timer:** Select a heating zone, then touch the **Timer** control. Use **+** and **-** to set the desired cooking time (1-99 minutes). The burner will turn off automatically when the timer expires.
- **Pause Control:** Touch the **Pause** control to temporarily stop all active cooking zones. Touch it again to resume.
- **BBQ Mode:** For the flexible zone, touch the **BBQ** control to activate a high-heat grilling function. This mode is ideal for

searing and grilling.

- **Flexible Zone:** When using the left-side burners, touch the **Extended Zone** control to combine them into a single large heating area.



Image: The cooktop in BBQ mode, showing a grill pan with food on the extended flexible zone.

5. Maintenance

Regular cleaning and proper care will ensure the longevity and optimal performance of your cooktop.

5.1 Cleaning the Glass Ceramic Surface

- Always ensure the cooktop is cool before cleaning.
- For light spills and daily cleaning, wipe with a damp cloth and mild detergent.
- For stubborn stains or burnt-on food, use a ceramic cooktop cleaner and a non-abrasive pad. Follow the cleaner manufacturer's instructions.

- Avoid using abrasive sponges, steel wool, or harsh chemical cleaners, as these can scratch or damage the surface.
- Wipe dry with a clean cloth to prevent water spots.

5.2 General Care

- Do not slide heavy or rough-bottomed cookware across the surface to prevent scratches.
- Avoid dropping hard objects on the glass ceramic surface, as this can cause cracks.

6. Troubleshooting

This section addresses common issues you might encounter. If a problem persists, contact customer support.

Problem	Possible Cause	Solution
Cooktop does not turn on.	No power supply; Child Lock activated.	Check circuit breaker; Deactivate Child Lock.
Burner not heating.	Incorrect power level selected; Cookware not suitable.	Increase power level; Ensure cookware is flat-bottomed and appropriate for electric cooktops.
Display shows "H" (Residual Heat).	Burner surface is still hot.	This is a safety indicator. Allow the surface to cool down.
Cooktop beeps continuously.	Object on control panel; Control panel is wet.	Remove object; Wipe control panel dry.

7. Specifications

Detailed technical specifications for the Pladeca 36 Inch Electric Cooktop.

Brand: Pladeca
Model Number: PDC-PC-D596119-MB-BB-US
ASIN: B0DZ6D88S1
UPC: 792138174257
Color: Black
Material: Glass Ceramic
Heating Elements: 5
Product Dimensions (D x W x H): 35.43" x 20.47" x 1.73"
Wattage: 9600 watts
Controls Type: Touch
Voltage: 220-240 Volts
Burner Type: Radiant
Power Source: Hardwire
Special Features: Automatic Shut-Off, Temperature Control, Timer, Child Lock, Overheat Protection, Flexible Zone, BBQ Mode
Item Weight: 42 pounds

8. Warranty and Support

For warranty information, technical support, or service inquiries, please refer to the warranty card included with your product or visit the official Pladeca website. Keep your purchase receipt as proof of purchase.

Pladeca Customer Service: Please consult your product packaging or the official Pladeca website for the most current contact information.

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