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> Karinear 30-inch 5-Burner Electric Cooktop with Knob & Touch Control User Manual

Karinear KNC-D586142-MB

Karinear 30-inch 5-Burner Electric Cooktop User Manual

Model: KNC-D586142-MB

1. INTRODUCTION

This manual provides essential information for the safe and efficient operation, installation, and maintenance of your Karinear 30-inch 5-Burner Electric Cooktop. Please read these instructions thoroughly before using the appliance and retain them for future reference.

The Karinear electric cooktop features five radiant burners, combining intuitive knob controls with a touch panel for advanced functions. It operates on 240V hardwired power and offers 9 power levels, an expandable cooking zone, a timer, and multiple safety features.

2. SAFETY INFORMATION

Your safety and the safety of others are paramount. Always follow basic safety precautions when using this appliance.

- **Electrical Connection:** This appliance requires a 240V hardwired connection (40A). Do not attempt to connect it to a 110V plug. Installation must be performed by a qualified electrician in accordance with local codes.
- **Child Safety Lock:** To prevent accidental operation, activate the Child Safety Lock by long-pressing the designated button. The display will show "Lo" when activated.
- **Automatic Shut-Off:** The cooktop features a 99-minute timer with an automatic shut-off function for enhanced safety.
- **Over-Temperature Protection:** The cooktop is equipped with a system to prevent overheating. If an unsafe temperature is detected, the unit will automatically shut down.
- **Residual Heat Indicator:** After use, the cooktop surface may remain hot. A residual heat indicator will alert you when the surface is still hot to the touch. Avoid touching hot surfaces.
- **Radiation-Free Operation:** This electric ceramic stove operates without electromagnetic radiation, making it safe for all users, including pregnant individuals.

3. PRODUCT FEATURES

- **Hybrid Control System:** Combines traditional knob controls for each burner with a modern touch panel for advanced functions like timer and child lock.

- **High Power Output:** Total 8600W across five burners for rapid heating and efficient cooking.
- **Five Radiant Burners:**
 - Three 6.5-inch 1200W burners.
 - Two expandable dual-ring burners: Inner ring (1250W/5.43 inches), Outer ring (2500W/9.06 inches).
- **9 Power Levels:** Offers precise heat control for various cooking needs, from simmering to high-heat searing.
- **Universal Cookware Compatibility:** Works with all types of cookware, including iron, stainless steel, and ceramic.



Figure 3.1: Burner layout and power distribution. Three 1200W burners and two expandable burners (1250W/2500W).



Figure 3.2: Overview of the cooktop's multi-function knob and sensor touch controls, including the 99-minute timer and child safety lock.

4. SETUP AND INSTALLATION

This cooktop is designed for built-in installation. Professional installation is recommended.

- **Appliance Dimensions:** 30.3 inches (Width) x 20.47 inches (Depth) x 3.07 inches (Height).
- **Cut-out Dimensions:** A countertop cut-out of 29.13 inches (Width) x 19.3 inches (Depth) is required for proper fitting.
- **Electrical Requirements:** The cooktop requires a dedicated 240V, 40A hardwired electrical circuit. Ensure the wiring meets all local electrical codes. Do not use a 110V plug.
- **Ventilation:** Ensure adequate ventilation around the cooktop as per local building codes.



Figure 4.1: Cooktop dimensions and a diagram illustrating the 240V hardwiring connection.

5. OPERATING INSTRUCTIONS

5.1 Turning On/Off Burners

1. **To Turn On:** Rotate the corresponding knob clockwise to the desired power level (1-9). The burner will begin to heat.
2. **To Turn Off:** Rotate the knob counter-clockwise back to the '0' position. The residual heat indicator will remain lit if the surface is still hot.

5.2 Adjusting Power Levels

Each burner has 9 power levels, controlled by its dedicated knob. Level 1 is the lowest heat, and Level 9 is the highest. Adjust the knob to achieve the desired cooking temperature.

5.3 Using Expandable Burners

The two expandable burners offer flexibility for different pot sizes:

- **Inner Ring (1250W/5.43"):** Use for smaller pots and pans.
- **Outer Ring (2500W/9.06"):** To activate the larger heating area for big pots (e.g., stockpots, woks), rotate the knob past the inner ring setting to the designated outer ring position.

5.4 Setting the Timer

The cooktop features a 99-minute timer with auto-shutoff. Use the touch panel controls to set the desired cooking duration. Refer to the specific symbols on the touch panel for timer activation and adjustment.

5.5 Activating Child Safety Lock

To activate the Child Safety Lock, long-press the lock symbol on the touch panel. The display will show "Lo". To deactivate, long-press the lock symbol again.

6. MAINTENANCE AND CLEANING

Regular cleaning ensures the longevity and appearance of your cooktop.

- **Daily Cleaning:** After the cooktop has cooled down, wipe the black glass ceramic surface with a damp cloth and mild detergent. Dry thoroughly with a clean cloth.
- **Stubborn Stains:** For tough stains or burnt-on food, use the provided scraper. Hold the scraper at a shallow angle and gently push to remove residue. Avoid using abrasive cleaners, scouring pads, or sharp objects that could scratch the glass surface.
- **Spills:** Clean spills immediately, especially sugary liquids, to prevent them from hardening and potentially damaging the surface.

High quality black glass, easy to clean



Come with a scraper



Figure 6.1: Cleaning the glass ceramic cooktop surface with a damp cloth and the included scraper for tough stains.

7. TROUBLESHOOTING

If you encounter issues with your cooktop, refer to the following common troubleshooting steps. For more complex problems, contact customer support.

| Problem | Possible Cause | Solution |
|---------------------------------------|--|---|
| Cooktop does not turn on. | No power supply; Child Safety Lock activated; Incorrect knob position. | Check circuit breaker; Deactivate Child Safety Lock; Ensure knob is turned to a power level (1-9). |
| Burner not heating or heating slowly. | Incorrect power level; Cookware not suitable; Power supply issue. | Increase power level; Ensure cookware has a flat bottom and is compatible; Check electrical connection. |
| Display shows "Lo". | Child Safety Lock is active. | Long-press the lock symbol on the touch panel to deactivate. |

| Problem | Possible Cause | Solution |
|---------------------------------|--|---|
| Display shows "H". | Residual heat indicator. | This is normal. The surface is still hot. Do not touch until the indicator turns off. |
| Cooktop shuts off unexpectedly. | Over-temperature protection activated; Timer expired. | Allow cooktop to cool; Check if timer was set and expired. |

8. SPECIFICATIONS

| Feature | Detail |
|--------------------------------|---|
| Brand | Karinear |
| Model Number | KNC-D586142-MB |
| Heating Elements | 5 Radiant Burners |
| Power Source | Electric |
| Voltage | 240 Volts |
| Wattage | 8600 Watts |
| Control Type | Knob & Touch Control |
| Installation Type | Built-In |
| Heater Surface Material | Glass Ceramic |
| Product Dimensions (D x W x H) | 19.3" x 30.3" x 3.07" |
| Cut-out Dimensions (W x D) | 29.13" x 19.3" |
| Item Weight | 28.6 Pounds |
| Special Features | 9 Power Levels, Automatic Shut-Off, Power-On Indicator, Safety Lock, Timer, Expandable Zone |
| Included Components | Electric Cooktop, User Manual, Scraper |

9. WARRANTY INFORMATION

This Karinear Electric Cooktop comes with a **5-year warranty**. Please retain your proof of purchase for warranty claims. For detailed terms and conditions, refer to the warranty card included with your product or contact Karinear customer support.

10. SUPPORT AND CONTACT

If you have any questions, require technical assistance, or need to report an issue with your Karinear Electric Cooktop, please contact Karinear customer support. Refer to the contact information provided in your product packaging or visit the official Karinear website for support options.

