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Karinear 58400

Karinear 36 Inch Electric Cooktop Instruction Manual

Model: 58400

Brand: Karinear

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1. INTRODUCTION

This instruction manual provides comprehensive information for the safe and efficient use of your Karinear 36 Inch Electric Cooktop. Please read this manual thoroughly before installation and operation, and retain it for future reference. This appliance is designed for domestic cooking purposes and features five ceramic burners with knob controls, offering nine power levels for versatile cooking.

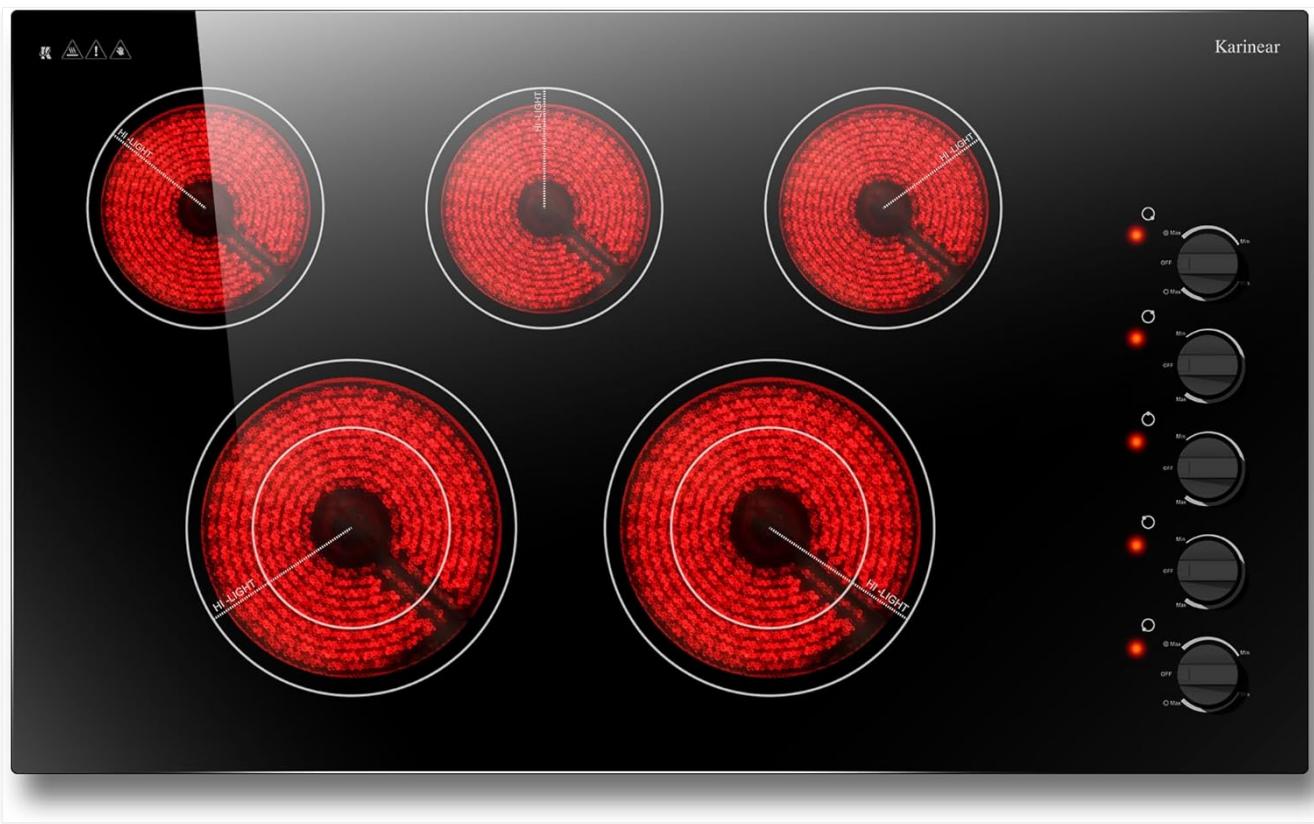


Figure 1: Karinear 36 Inch Electric Cooktop Overview. This image displays the sleek black glass surface of the cooktop, highlighting its five ceramic heating elements and the intuitive knob controls located on the right side.

2. IMPORTANT SAFETY INSTRUCTIONS

To reduce the risk of fire, electric shock, injury to persons, or damage when using the appliance, follow basic precautions, including the following:

- **Electrical Safety:** This appliance requires professional hard-wiring to a 220-240V electrical supply. Do not use an adapter or extension cord. Ensure proper grounding.
- **Hot Surface Indicator:** The cooktop features a hot surface indicator light. This light will remain on until the surface has cooled to a safe temperature, even after the burner is turned off. Avoid touching hot surfaces.
- **Over-Temperature Protection:** The cooktop is equipped with an over-temperature protection system that will automatically shut down the unit if internal temperatures become excessively high.
- **Cookware Compatibility:** Use only cookware suitable for electric ceramic hobs. Ensure pots and pans have flat bottoms and are appropriately sized for the heating elements.
- **Supervision:** Never leave the cooktop unattended during operation, especially when cooking with oil or fat.
- **Cleaning:** Always allow the cooktop to cool completely before cleaning. Use the provided scraper and appropriate cleaning agents for glass ceramic surfaces.
- **Children and Pets:** Keep children and pets away from the appliance during operation and while it is cooling down.
- **No Electromagnetic Radiation:** This electric ceramic cooktop does not produce electromagnetic radiation, making it safe for use by all individuals, including pregnant women.



Figure 2: Residual Heat Indicator. This image illustrates the 'Hot Warning' light, which illuminates to indicate that the cooktop surface is still hot after use, promoting user safety.



Figure 3: Safety for All Users. This image emphasizes the cooktop's safety features, particularly its lack of electromagnetic radiation, making it suitable for pregnant women and all household members.

3. PRODUCT FEATURES

- **Knob Control:** Easy-to-operate knob controls for each burner, suitable for users of all ages, including the elderly and those with impaired vision.
- **9 Power Levels:** Each of the five burners offers 9 distinct power levels (0-9) for precise temperature control, accommodating various cooking needs from simmering to rapid boiling.
- **High Power Output:** The cooktop features five powerful burners, with a maximum single burner output of up to 2500W, ensuring quick heating and efficient cooking. Total wattage is 8400W.
- **Hot Surface Indicator:** Visual warning light to indicate when the cooktop surface is hot to the touch.
- **Over-Temperature Protection:** Automatic shutdown feature to prevent overheating and ensure safety.
- **Stylish Built-in Design:** A sleek black glass ceramic surface designed for seamless integration into your kitchen countertop, enhancing aesthetic appeal and saving space.
- **Wide Cookware Compatibility:** Compatible with all types of cookware, including aluminum, copper, cast iron, and non-magnetic stainless steel, ensuring efficient heat transfer.
- **Easy to Clean:** The smooth glass ceramic surface is heat-resistant and scratch-resistant, making it simple to wipe clean. A scraper is included for maintenance.

8400W High Power, Heats up Faster

Saving a lot of time, easy to handle
multi-person parties



Figure 4: High Power and Multi-Burner Use. This image demonstrates the cooktop's capacity to handle multiple dishes simultaneously with its powerful burners, indicating various wattage and burner sizes.

Compatible with any cookware



Figure 5: Universal Cookware Compatibility. This image highlights the cooktop's versatility, showing that it can be used with virtually any type of cooking vessel, from traditional iron to modern stainless steel.

Expandable Burner for larger pots, provides higher power and heats up faster



Figure 6: Expandable Burner Functionality. This visual demonstrates the cooktop's expandable burner feature, allowing for efficient heating of both small and large cookware by adjusting the heating area.

4. INSTALLATION GUIDE

The Karinear 36 Inch Electric Cooktop is designed for built-in installation and requires professional hard-wiring. Please ensure all local electrical codes and regulations are followed during installation.

4.1 Pre-Installation Checks

- Verify that the electrical supply is 220-240V and capable of handling 8400W. A dedicated circuit with appropriate amperage (40A recommended) is required.
- Ensure the countertop material is heat-resistant and stable enough to support the cooktop's weight (approximately 27 pounds).
- Confirm the cutout dimensions in your countertop match the requirements for the cooktop.

4.2 Cutout Dimensions and Wiring

The cooktop measures 35.43 x 20.47 x 3 inches (90 x 52 x 7.6 cm). The recommended cutout size for installation is 34 x 19.3 inches (86.36 x 49.02 cm). Ensure sufficient clearance around the cooktop for ventilation.



Figure 7: Installation Dimensions and Wiring Diagram. This image provides critical measurements for countertop cutout and illustrates the necessary electrical connections for hard-wiring the 220-240V cooktop.

4.3 Electrical Connection

The cooktop must be hard-wired directly to a fused disconnect box or circuit breaker. It does not come with a plug. Refer to the wiring diagram provided in Figure 7 for correct connections. It is strongly recommended that a qualified electrician perform the installation.

5. OPERATING YOUR COOKTOP

5.1 Control Knobs

Each burner is controlled by a dedicated knob located on the right side of the cooktop. To activate a burner, rotate its corresponding knob from the "OFF" position to the desired power level (1-9). The indicator light next to the knob will illuminate when the burner is active.



Figure 8: Simple Knob Control. This image highlights the user-friendly knob controls, demonstrating how easily they can be adjusted, making the cooktop accessible for all users.

5.2 Power Levels

The 9 power levels allow for precise heat adjustment:

- **Levels 1-2 (Low):** Ideal for melting butter, keeping food warm, or gentle simmering.
- **Levels 3-4 (Medium-Low):** Suitable for slow cooking, simmering sauces, or reheating.
- **Levels 5-6 (Medium):** For general cooking, frying, and sautéing.
- **Levels 7-8 (Medium-High):** For rapid boiling, searing, or stir-frying.
- **Level 9 (High):** Maximum power for quick boiling or intense searing.



Figure 9: 9 Power Levels for Diverse Cooking. This image visually explains the application of the nine power levels, from gentle melting to rapid boiling, demonstrating the cooktop's versatility for various culinary tasks.

5.3 Hot Surface Indicator

After a burner is turned off, the corresponding hot surface indicator light will remain illuminated as long as the surface temperature is above 120°F (50°C). This is a safety feature to warn against touching hot surfaces. The light will extinguish once the surface has cooled sufficiently.

6. CARE AND MAINTENANCE

Proper care and maintenance will ensure the longevity and optimal performance of your Karinear Electric Cooktop.

6.1 Daily Cleaning

- Always ensure the cooktop is cool before cleaning.
- Wipe the glass ceramic surface with a damp cloth and mild dish soap.
- For stubborn stains or burnt-on food, use a specialized ceramic cooktop cleaner and the provided scraper.
- Rinse with a clean, damp cloth and dry thoroughly to prevent water spots.



Figure 10: Easy Cleaning of Glass Surface. This image demonstrates the ease of cleaning the cooktop's smooth glass surface using a sponge, and highlights the inclusion of a scraper for more challenging residues.

6.2 Preventing Damage

- Avoid dropping heavy objects on the glass surface, as this can cause cracks or breakage.
- Do not use abrasive cleaners, scouring pads, or harsh chemicals, as they can scratch the surface.
- Do not slide rough-bottomed cookware across the surface.

- Clean spills immediately, especially sugary liquids, to prevent them from burning onto the surface and causing permanent damage.

7. TROUBLESHOOTING GUIDE

Before contacting customer support, please refer to the following table for common issues and their potential solutions.

Problem	Possible Cause	Solution
Cooktop does not turn on.	No power supply; circuit breaker tripped.	Check the circuit breaker and ensure the cooktop is properly connected to the power supply.
Burner not heating or heating slowly.	Incorrect power level selected; improper cookware; loose wiring.	Ensure the knob is set to a higher power level. Use flat-bottomed, compatible cookware. If issue persists, consult a qualified electrician.
Hot surface indicator remains on.	Surface is still hot.	This is normal. The light will turn off once the surface has cooled down. Do not touch the surface until the light extinguishes.
Cooktop shuts off unexpectedly.	Over-temperature protection activated.	Allow the cooktop to cool down. Ensure proper ventilation around the unit. Reduce cooking intensity if frequently occurring.
Knobs feel loose or turn too easily.	Normal characteristic of the knob design.	This is a design feature. Be mindful when cleaning to avoid accidental adjustments.

8. TECHNICAL SPECIFICATIONS

Specification	Detail
Brand	Karinear
Model Number	58400
Product Dimensions (W x D x H)	35.43 x 20.47 x 3 inches (90 x 52 x 7.6 cm)
Cutout Dimensions (W x D)	34 x 19.3 inches (86.36 x 49.02 cm)
Item Weight	27 pounds (12.25 kg)
Installation Type	Built-in
Burner Type	Ceramic
Number of Heating Elements	5
Power Levels	9
Voltage	240 Volts
Wattage	8400 Watts

Specification	Detail
Material Type	Glass Ceramic
Included Components	Electric Cooktop, Scraper

9. WARRANTY AND SUPPORT

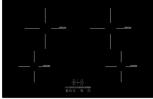
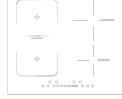
Karinear products are manufactured to high-quality standards. For specific warranty details, terms, and conditions, please refer to the warranty card included with your product or visit the official Karinear website. In case of any issues, questions, or to obtain service, please contact Karinear customer support directly. Ensure you have your model number (58400) and purchase information available when contacting support.

Note: Attempting to repair the appliance yourself may void the warranty and pose safety risks. Always consult qualified personnel for repairs.

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Related Documents - 58400

 <p>Karinear Instruction Manual / Installation Manual Electronic Knob Control Induction Hob MODEL: KNI-B23527</p> 	<p>Karinear KNI-B23527 Induction Hob: Instruction and Installation Manual Comprehensive instruction and installation manual for the Karinear KNI-B23527 electronic knob control induction hob, covering safety, operation, maintenance, and installation.</p>
 <p>Karinear Instruction Manual / Installation Manual Electronic Knob Control Ceramic Hob MODEL: KNC-D46003</p> 	<p>Karinear KNC-D46003 Ceramic Hob: Instruction and Installation Manual Comprehensive instruction and installation manual for the Karinear KNC-D46003 electronic knob control ceramic hob. Includes safety warnings, operation guidelines, care instructions, technical specifications, and installation procedures.</p>
 <p>Induction Hob Instruction Manual / Installation Manual MODEL Number: KNI-B57228-F1</p> 	<p>Karinear KNI-B57228-F1 Induction Hob: Installation and Instruction Manual Comprehensive guide for the Karinear KNI-B57228-F1 induction hob, covering installation, safety, operation, maintenance, and troubleshooting. Learn how to use the flex zone, touch controls, timer, and more.</p>

 <p>Induction Hob Instruction Manual / Installation Manual MODEL Number: KNI-B47206</p>	<p><u>Kinear KNI-B47206 Induction Hob: Instruction and Installation Manual</u></p> <p>Comprehensive instruction and installation manual for the Karinear KNI-B47206 induction hob. Learn about safety, operation, maintenance, cooking tips, and installation procedures for your new cooktop.</p>
 <p>INDUCTION HOB Instruction Manual / Installation Manual MODEL Number: KNC-603T1</p>	<p><u>Kinear KNC-603T1 Induction Hob: Instruction and Installation Manual</u></p> <p>Comprehensive guide for the Karinear KNC-603T1 Induction Hob, covering safety warnings, installation, operation, maintenance, cooking guidelines, and troubleshooting.</p>
 <p>INDUCTION HOB Instruction Manual / Installation Manual MODEL Number: KNI-603S1</p>	<p><u>Kinear KNI-603S1 Induction Hob: Instruction and Installation Manual</u></p> <p>Comprehensive instruction and installation manual for the Karinear KNI-603S1 4-zone induction hob. Covers safety warnings, product overview, operation, cooking guidelines, troubleshooting, and installation procedures.</p>