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› Karinear Ceramic Hob KNC-D46645 User Manual

Karinear KNC-D46645

Karinear Ceramic Hob KNC-D46645 User Manual

Model: KNC-D46645

1. INTRODUCTION

Thank you for choosing the Karinear Ceramic Hob. This manual provides essential information for the safe and efficient operation, installation, and maintenance of your new appliance. Please read this manual thoroughly before use and keep it for future reference.

The Karinear KNC-D46645 Ceramic Hob is a 59 cm built-in electric hob designed for modern kitchens. It features touch controls, four heating zones including an extendable oval zone, a 99-minute timer, a safe lock function, a pause function, and a residual heat indicator for enhanced safety and convenience.

2. SAFETY INFORMATION

Important Safety Instructions:

- Read all instructions before using the appliance.
- This appliance is intended for domestic use only.
- Ensure the appliance is properly installed and earthed by a qualified person.
- Do not touch hot surfaces. Use handles or knobs.
- Never leave the appliance unattended during operation.
- Keep children away from the hob during use and when it is cooling down.
- Do not use abrasive cleaners or sharp metal scrapers to clean the hob surface, as they can scratch the glass.
- In case of a crack in the hob surface, immediately disconnect the appliance from the mains power supply to avoid the possibility of electric shock.
- Ensure proper ventilation around the appliance.

3. PRODUCT OVERVIEW

The Karinear Ceramic Hob features a sleek black glass surface with four independent heating zones and intuitive touch controls.



Figure 3.1: Karinear Ceramic Hob KNC-D46645 - Top View

This image displays the overall layout of the hob, highlighting the four circular heating elements and the central touch control panel. One of the heating zones is shown with a grill pan containing cooked meat and vegetables, demonstrating its use.

3.1 Control Panel Layout



Figure 3.2: Control Panel Functions

This image provides a detailed view of the touch control panel, with specific buttons labeled: Oval Zone activation, Timer controls, Heating Zone selection, Safe Lock, and the main ON/OFF button. This helps users identify each function easily.

The touch control panel allows for precise adjustment of heating levels and access to various functions:

- **ON/OFF Button:** Powers the hob on or off.
- **Heating Zone Selection:** Selects which cooking zone to control.
- **Power Level Adjustment (+/-):** Increases or decreases the heating power (9 levels).
- **Timer Button:** Sets the cooking timer (up to 99 minutes).
- **Safe Lock Button:** Locks the control panel to prevent accidental changes.
- **Pause Button:** Temporarily pauses cooking.
- **Oval Zone Button:** Activates the extended oval heating area for larger cookware.

4. INSTALLATION

Important: Installation must be carried out by a qualified electrician in accordance with local regulations and standards.

4.1 Dimensions and Cut-out



Figure 4.1: Product and Built-in Dimensions

This diagram illustrates the physical dimensions of the hob (590mm x 520mm x 44mm) and the necessary cut-out dimensions for installation into a countertop (560mm x 490mm). It also includes electrical connection diagrams for 220-240V and 400V setups, indicating a 32A requirement for 220-240V.

Table 4.1: Installation Specifications

Parameter	Value
Model	KNC-D46645
Supply Voltage/Frequency	220-240V~, 50/60Hz, 32A
Product Size (LxWxH)	590 x 520 x 44 mm

Parameter	Value
Built-in Dimensions (AxB)	560 x 490 mm
Total Power	6600W

Ensure the countertop cut-out matches the specified dimensions. Allow sufficient clearance for ventilation around the hob's underside.

4.2 Electrical Connection

The hob requires a dedicated electrical circuit. Refer to the wiring diagram provided in Figure 4.1 and consult a qualified electrician for proper connection to the mains supply.

5. OPERATING INSTRUCTIONS

5.1 Basic Operation



Figure 5.1: Easy to Use Guide

This image provides a simple four-step guide for operating the hob: 1. Place cookware (max diameter 23cm). 2. Touch the ON/OFF key. 3. Touch to adjust the power level. 4. Touch the ON/OFF key again after cooking is complete.

- Power On:** Touch the **ON/OFF** button. The indicators will light up.
- Select Zone:** Touch the corresponding heating zone selection button for the zone you wish to use.
- Adjust Power:** Use the **+** or **-** buttons to set the desired heating level from 1 to 9.
- Power Off:** After cooking, touch the selected zone's power button or the main **ON/OFF** button to turn off the hob.

5.2 Heating Power Levels

9 Level Heating Power

From 200W-1800W suitable for frying, frying, boiling and other daily cooking



Timer



Safe lock

Figure 5.2: 9 Level Heating Power

This image illustrates the hob's 9 heating power levels, ranging from 200W to 1800W, suitable for various cooking tasks such as frying, boiling, and daily cooking. It also shows the timer function and the safe lock feature with an "LO" indicator.

The hob offers 9 power levels for precise temperature control, suitable for various cooking methods:

- **Levels 1-3:** Gentle simmering, melting butter, keeping food warm.
- **Levels 4-6:** Slow cooking, stewing, frying.
- **Levels 7-9:** Rapid boiling, searing, high-heat frying.

5.3 Oval Zone Function



Figure 5.3: Oval Zone for Barbecue Tray

This image demonstrates the creative design of the heating area, showing how a standard circular zone can be expanded into an oval shape (270mm x 165mm) by pressing the "Oval" zone key. This feature is ideal for accommodating larger or elongated cookware like barbecue trays.

The hob includes an extendable oval zone (270mm x 165mm) specifically designed for larger or irregularly shaped cookware, such as grill pans or fish kettles.

- To activate, select the corresponding heating zone and then touch the **Oval Zone** button.
- The indicator for the oval zone will illuminate, and the heating area will expand.

5.4 Timer Function

The 99-minute timer can be used to set a cooking duration for any selected zone. Once the set time expires, the heating zone will automatically switch off.

- Select the desired heating zone.
- Touch the **Timer** button.

- Use the **+** or **-** buttons to set the desired cooking time.
- The timer will start counting down. An audible signal will sound when the time is up.

5.5 Safe Lock Function

The safe lock function prevents accidental operation of the hob, ideal for households with children.

- To activate: With the hob on, touch and hold the **Safe Lock** button for a few seconds until "LO" appears on the display. All controls will be locked except the ON/OFF button.
- To deactivate: Touch and hold the **Safe Lock** button again for a few seconds until "LO" disappears.

5.6 Pause Function

The pause function allows you to temporarily stop cooking without losing your settings.

- To activate: During cooking, touch the **Pause** button. All active zones will pause.
- To resume: Touch the **Pause** button again. Cooking will resume with the previous settings.

5.7 Compatible Cookware



Figure 5.4: Compatible Cookware Types

This image displays different types of cookware that are suitable for use with the Karinear Ceramic Hob, including cast iron, copper, glass, stainless steel, ceramic, and enameled iron. It notes that the hob is suitable for flat-bottom cookware with a diameter of 4.7 to 9 inches.

The Karinear Ceramic Hob is compatible with most types of flat-bottomed cookware, including:

- Cast iron cookware
- Copper cookware
- Glass cookware
- Stainless steel cookware
- Ceramic cookware
- Enameled iron cookware

Ensure cookware has a flat base for optimal heat transfer. Recommended diameter for round cookware is 4.7 to 9 inches (approximately 12 to 23 cm).

6. MAINTENANCE AND CLEANING

Easy to clean



Figure 6.1: Easy to Clean Surface

This image shows a hand cleaning the smooth black glass surface of the hob with a soft cloth, emphasizing the ease of maintenance and cleaning.

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

- **Daily Cleaning:** After each use, allow the hob to cool down. Wipe the glass surface with a damp cloth and a mild detergent. Dry thoroughly with a clean cloth.
- **Stubborn Stains:** For burnt-on food or stubborn stains, use a ceramic hob scraper (plastic or specialized metal scraper) carefully, holding it at a shallow angle. Follow with a ceramic hob cleaner and polish.
- **Avoid:** Do not use abrasive sponges, scouring pads, or harsh chemical cleaners, as these can damage the glass surface.
- **Spills:** Clean up spills immediately, especially sugary liquids, as they can cause pitting on the glass if left to cool.

7. TROUBLESHOOTING

If you encounter issues with your Karinear Ceramic Hob, refer to the table below for common problems and solutions.

Table 7.1: Common Troubleshooting Guide

Problem	Possible Cause	Solution
Hob does not turn on.	No power supply; Safe Lock activated.	Check power connection and circuit breaker. Deactivate Safe Lock by holding the lock button.
"H" indicator remains on.	Residual heat.	This is normal. The "H" indicates the zone is still hot. It will turn off when the surface cools down.
Hob beeps and turns off.	Overheating; Spill on control panel.	Allow hob to cool. Clean any spills from the control panel.
Cookware not heating effectively.	Incorrect cookware type; Uneven base.	Ensure cookware is flat-bottomed and suitable for ceramic hobs.

If the problem persists after attempting these solutions, please contact Karinear customer support.

8. SPECIFICATIONS

Detailed technical specifications for the Karinear Ceramic Hob KNC-D46645:

Feature	Detail
Brand	Karinear
Model Number	KNC-D46645
Installation Type	Built-in / Drop-In
Product Dimensions (LxWxH)	590 x 520 x 44 mm
Built-in Dimensions (LxW)	560 x 490 mm
Number of Heating Elements	4
Burner Type	Ceramic
Control Type	Touch Control
Power Levels	9
Timer	Up to 99 minutes
Special Features	Oval Zone, Safe Lock, Pause Function, Heat Indicator, Auto Shut-off
Voltage	220-240V (AC)
Wattage	6600W (Total)
Item Weight	9.35 kg
Material	Glass Ceramic
Included Components	Ceramic Hob

9. WARRANTY AND SUPPORT

Karinear offers a 3-year guardianship (warranty) for this product. For any product troubles or support needs, please contact Karinear customer service.

- **Warranty Period:** 3 Years from date of purchase.
- **Contact Support:** Refer to the contact information provided with your purchase or visit the official Karinear website. When contacting support, please provide your product model number (KNC-D46645) and a detailed description of the issue, along with any relevant videos or pictures if requested.

For more information, you can visit the Karinear Brand Store on Amazon: [Karinear Appliances Store](#)