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Frigidaire FPEC3677RF

Frigidaire Professional 36 Inch Electric Range Cooktop User Manual

Model: FPEC3677RF
Brand: Frigidaire

1. Product Overview

The Frigidaire FPEC3677RF Professional 36 Inch Electric Cooktop features a flat ceramic glass surface with stainless steel trim, designed for modern kitchens. It offers versatile cooking options with multiple heating elements and precision controls.

Key Features:

- Professional 36 In. Smooth Top Electric Cooktop with Stainless Trim
- Black ceramic glass surface for easy cleaning and sleek appearance
- Right front 9"/12" element: 1,800W/3,000W for powerful heating
- Left front 7" element: 1,800W
- Left rear 7" element: 1,800W
- SpacePro™ Bridge Element: Combines two elements for large pots or griddle use
- Keep Warm element: Consistently keeps dishes warm
- PrecisionPro controls: Allows for precise temperature adjustments
- Indicator lights: Inform when surface is hot, element is on, or warming feature is active
- Approved for electric single wall oven combination installation



Figure 1: Top view of the Frigidaire Professional 36 Inch Electric Cooktop, showcasing the five ceramic glass heating elements and the stainless steel control panel at the front.

2. Installation and Setup

This cooktop is designed for drop-in installation and is approved for combination with an electric single wall oven. Professional installation is recommended to ensure proper electrical connections and fit.

Installation Requirements:

- **Electrical Supply:** Requires a dedicated 240 Volt electrical circuit. Consult a qualified electrician to ensure your home's electrical system can support the cooktop's wattage (800 watts).
- **Countertop Cutout:** Ensure your countertop opening meets the specified product dimensions (21.5"D x 36.5"W x 5"H). Minor adjustments may be necessary for older openings.
- **Support Brackets:** Utilize provided support brackets for underneath counter support. Additional brackets may be used for enhanced stability.
- **Clearance:** Ensure adequate clearance for the power cord to prevent interference with drawers or other components beneath the cooktop. The power cord is typically located at the rear of the unit.

Refer to the detailed installation instructions included with your cooktop for specific measurements and safety guidelines.



Figure 2: Angled view of the Frigidaire Professional 36 Inch Electric Cooktop, highlighting its low-profile design and the five control knobs for the heating elements.

3. Operating Instructions

The Frigidaire Professional Electric Cooktop is designed for intuitive and precise cooking. Familiarize yourself with the controls and features for optimal performance.

Using the Heating Elements:

1. **Power On:** Turn the desired control knob to the 'Hi' setting to activate the element. The element will begin to heat up, and the corresponding indicator light will illuminate.
2. **Temperature Adjustment:** Rotate the knob to adjust the heat level from 'Lo' (low) to 'Hi' (high) as needed for your cooking task.
3. **Dual/Triple Elements:** For elements with multiple ring sizes (e.g., 9"/12" element), turn the knob past the initial 'Hi' setting to activate the larger ring(s).
4. **SpacePro™ Bridge Element:** The two left elements can be combined to create a larger cooking surface suitable for griddles or oversized pots. Consult the manual for specific instructions on activating the bridge function.
5. **Keep Warm Zone:** The dedicated 'Keep Warm Zone' element (typically located in the center or rear) is designed to maintain food at serving temperature without further cooking. Activate it by turning its specific control knob.
6. **Power Off:** Always turn the control knob to the 'Off' position when cooking is complete.

Indicator Lights:

Located on the control panel, these lights provide important status information:

- **Hot Surface Indicator:** Illuminates when any cooking surface is hot, even after the element has been turned off. Remains lit until the surface has cooled to a safe temperature.
- **Element On Indicator:** Illuminates when a heating element is active.
- **Keep Warm Zone Indicator:** Illuminates when the 'Keep Warm Zone' is in use.

These indicators are crucial for safety and efficient operation, especially for the ceramic glass surface which retains heat.

4. Care and Maintenance

Proper care and maintenance will ensure the longevity and aesthetic appeal of your Frigidaire Professional Electric Cooktop.

Cleaning the Ceramic Glass Surface:

- **Daily Cleaning:** For light soil, wipe with a damp cloth and a small amount of ceramic cooktop cleaner. Buff with a dry cloth for a streak-free shine.
- **Stubborn Stains:** For burned-on food or stubborn stains, apply a generous amount of ceramic cooktop cleaner and gently scrape with a razor blade scraper held at a 45-degree angle. Wipe clean and buff.
- **Avoid:** Do not use abrasive cleaners, scouring pads, or harsh chemicals as they can scratch or damage the glass surface. Avoid dragging rough-bottomed cookware across the surface.

Cleaning the Stainless Steel Trim and Knobs:

- Wipe stainless steel surfaces with a soft cloth and a mild detergent or a specialized stainless steel cleaner.
- Remove control knobs by pulling them straight off. Wash them with warm, soapy water, rinse, and dry thoroughly before replacing.

Always ensure the cooktop surface is cool before cleaning to prevent burns and damage.

5. Troubleshooting

This section provides solutions to common issues you might encounter with your cooktop. For problems not listed here, contact customer support.

Problem	Possible Cause	Solution
Cooktop elements do not heat.	No power supply; circuit breaker tripped; control knob not set correctly.	Check household circuit breaker/fuse box. Ensure cooktop is properly plugged in. Verify control knob is turned to an 'On' setting.
Indicator lights are not working.	Light bulb failure; electrical issue.	If elements are heating but lights are off, contact customer support.
Surface appears scratched or stained.	Improper cleaning; abrasive cookware; food residue.	Refer to the "Care and Maintenance" section for proper cleaning techniques. Use flat-bottomed cookware.
Uneven heating.	Improper cookware; element issue.	Use flat-bottomed cookware that matches the size of the element. If problem persists, contact customer support.

6. Specifications

Attribute	Detail
Brand	Frigidaire
Model Info	FPEC3677RF

Attribute	Detail
Item Weight	40 pounds
Product Dimensions	21.5 x 36.5 x 5 inches (D x W x H)
Installation Type	Drop-In
Burner Type	Ceramic
Heating Elements	5
Color	Frigidaire Professional Stainless Steel
Voltage	240 Volts
Wattage	800 watts
Fuel Type	Electric
Material Type	Glass Ceramic, Stainless Steel
Special Feature	SpacePro™ Bridge Element
Certification	UL/CSA, ADA Compliant (Yes)
Date First Available	November 8, 2015

7. Warranty Information

Your Frigidaire Professional Electric Cooktop comes with a manufacturer's warranty. Please refer to the warranty document included in the product packaging for detailed terms, conditions, and registration information. This typically covers defects in materials and workmanship for a specified period from the date of purchase.
Keep your proof of purchase for any warranty claims.

8. Customer Support

For technical assistance, service, or to order replacement parts, please contact Frigidaire Customer Support.

- **Online Support:** Visit the official Frigidaire website or their Amazon Brand Store for FAQs, product registration, and service scheduling.
- **Amazon Brand Store:** Frigidaire Store on Amazon
- **Before Calling:** Have your model number (FPEC3677RF) and serial number ready.

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