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Frigidaire PCFE3078AF

Frigidaire Professional Series PCFE3078AF Electric Range User Manual

Model: PCFE3078AF

Product Overview

The Frigidaire Professional Series PCFE3078AF is a 30-inch freestanding electric range designed to enhance your kitchen experience. It features a 5.4 cubic foot oven capacity, a convenient storage drawer, and advanced cooking technologies including Air Fry and True Convection.



Figure 1: Front view of the Frigidaire Professional Series PCFE3078AF electric range.

Key features include:

- **SpaceWise Expandable Elements:** Five versatile cooktop elements that can accommodate various pot and pan sizes, including a 9-inch inner ring and a 12-inch outer ring for larger cookware.
- **True Convection:** A powerful convection fan and third heating element ensure faster, more even multi-rack baking by circulating hot air throughout the oven.
- **Air Fry Mode:** Prepare healthier and delicious meals with little to no oil, right in your oven.
- **PowerPlus Quick Preheat:** Rapidly preheat the oven, allowing you to start baking in just a few minutes.
- **Integrated Storage Drawer:** A convenient drawer located beneath the oven provides additional kitchen storage.

Setup and Installation

This appliance is designed for freestanding installation. Proper installation is crucial for safe and efficient operation. It is recommended that installation be performed by a qualified installer.

Before You Begin:

- Ensure the electrical supply meets the requirements specified on the rating plate.
- Verify that the floor is level and capable of supporting the appliance's weight (approximately 180 pounds).
- Clear the installation area of any obstructions.
- Review all local codes and ordinances.

Unpacking:

Carefully remove all packaging materials, tape, and protective film from the range. Retain the user manual and any included accessories, such as the air fry basket.

Electrical Connection:

This electric range requires a dedicated, properly grounded electrical circuit. A power cord is typically not included and must be purchased separately and installed by a qualified electrician.

Leveling the Range:

Adjust the leveling legs at the bottom of the range to ensure it is stable and level. This prevents spills and ensures even cooking.

Operating Instructions

Control Panel Overview:

The control panel features intuitive knobs for cooktop elements and oven modes, along with a digital display for time, temperature, and timer functions.



Figure 2: Digital display and control knobs.

Using the Cooktop:

The ceramic glass cooktop features five heating elements, including SpaceWise Expandable Elements and a Keep Warm Zone.



Figure 3: Cooktop layout.

- **Activating Elements:** Turn the corresponding knob to the desired heat setting (Low, Medium, High). The element will glow red when active.
- **SpaceWise Expandable Elements:** For the front left element, you can select either the inner ring or both inner and outer rings to match your cookware size.
- **Keep Warm Zone:** Located on the rear right, this element is designed to keep cooked food warm without further cooking. Turn the dedicated knob to activate.
- **Hot Surface Indicator:** A red light will illuminate on the control panel when any cooktop surface is hot, even after the element has been turned off.

Using the Oven:

The 5.4 cubic foot oven offers multiple cooking modes for diverse culinary needs.



Figure 4: Spacious oven interior.

- **Setting Oven Temperature:** Use the "Oven Temp" knob to select the desired temperature. The digital display will show the set temperature.
- **Oven Modes:** Use the "Oven Mode" knob to select from various functions:
    - **Bake:** For traditional baking.
    - **Conv Bake (Convection Bake):** Uses a fan to circulate heat for even baking, ideal for multiple racks.
    - **Conv Roast (Convection Roast):** Combines convection with roasting for tender meats with a browned exterior.
    - **Air Fry:** Utilizes the included air fry basket and convection fan for crispy results with less oil.



Figure 5: Air Fry basket inside the oven.

- **Broil:** For direct top-down heating, ideal for browning or searing.
- **Clean:** Activates the self-cleaning cycle.
- **Power+ Preheat:** Rapidly preheats the oven to the set temperature.

- **Timer:** Use the digital display to set a cooking timer.
- **Oven Light:** Press the light bulb icon on the digital display to turn the oven interior light on or off.

Maintenance and Care

Cleaning the Cooktop:

Allow the ceramic glass cooktop to cool completely before cleaning. Use a ceramic cooktop cleaner and a non-abrasive pad to remove spills and stains. Avoid using abrasive cleaners or scouring pads, which can scratch the surface.

Cleaning the Oven Interior:

For light spills, wipe with a damp cloth and mild detergent once the oven has cooled. For heavier soil, utilize the self-clean function. Follow the instructions in the full product manual for self-clean cycle operation.

Cleaning Stainless Steel Surfaces:

Use a soft cloth and a stainless steel cleaner to maintain the finish. Always wipe in the direction of the grain to prevent streaking.

Storage Drawer:

The storage drawer can be removed for cleaning. Wipe with a damp cloth and mild detergent as needed.

Troubleshooting

Before calling for service, review the following common issues and solutions:

- **Appliance does not operate:** Check if the power cord is properly connected and if the circuit breaker has tripped. Ensure the oven controls are correctly set for the desired function.
- **Oven not heating properly:** Verify the oven temperature and mode settings. Allow sufficient time for preheating, especially for convection modes.
- **Cooktop elements not heating:** Ensure the control knobs are turned to an active setting. Check for any tripped circuit breakers.
- **Uneven baking:** Ensure the oven racks are positioned correctly and the oven is level. Avoid opening the oven door frequently during baking. For convection baking, ensure proper air circulation around food.
- **Excessive smoke during Air Fry:** Ensure the air fry basket and drip tray are clean. Avoid overloading the basket.

For issues not resolved by these steps, please refer to the comprehensive troubleshooting guide in your full product manual or contact Frigidaire customer support.

Specifications

Feature	Detail
Brand	Frigidaire
Model Name	PCFE3078AF
Item Weight	180 pounds
Product Dimensions	37 x 30 x 29 inches
Oven Capacity	5.4 Cubic Feet
Installation Type	Freestanding
Heating Elements	5
Color	Stainless Steel
Fuel Type	Electric
First Available	December 20, 2021

Warranty and Support

For detailed warranty information, please refer to the warranty card included with your Frigidaire Professional Series PCFE3078AF electric range. Keep your proof of purchase for warranty claims.

For technical support, service, or to order replacement parts, please contact Frigidaire customer service. Contact information can typically be found in your product manual or on the official Frigidaire website.

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