

Equator Advanced Appliances ECR 204

Equator 20-inch Electric Cooking Range

MODEL: ECR 204 USER MANUAL

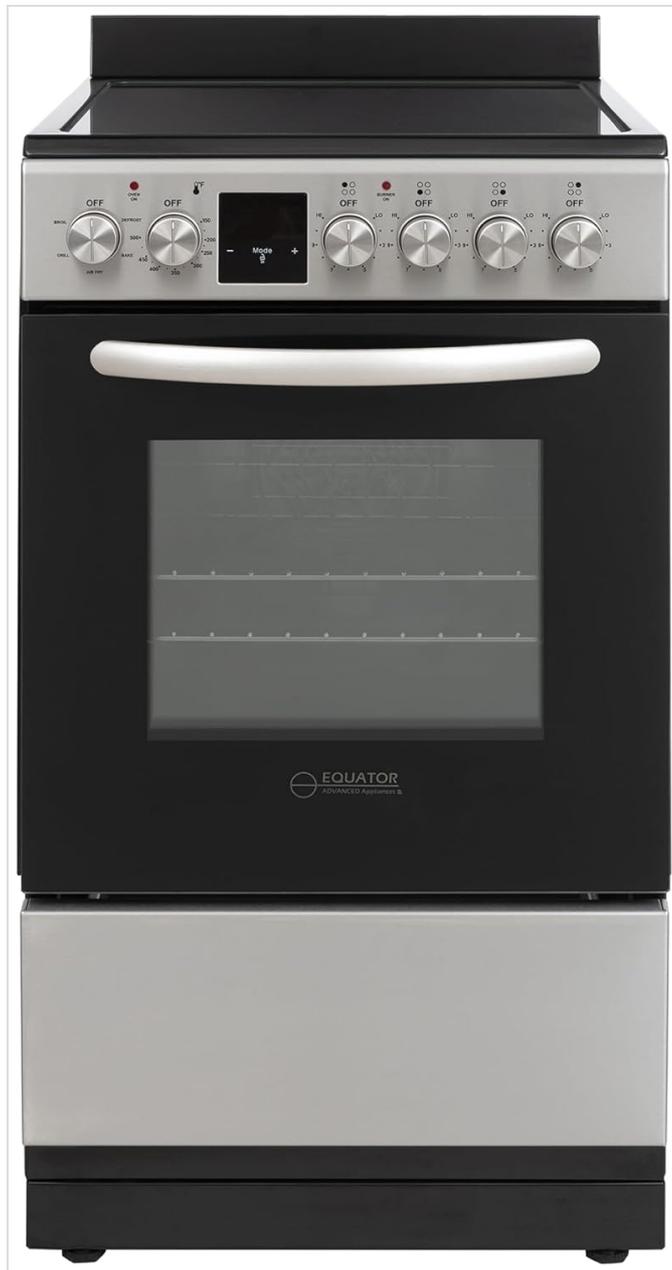
1. Important Safety Instructions

Please read all instructions carefully before using this appliance to ensure safe and efficient operation. Keep this manual for future reference.

- **Electrical Safety:** This appliance requires a 240V / 6800W / 60Hz electrical supply. Ensure proper grounding and use the included 3-pin cord. Do not use extension cords.
- **Hot Surfaces:** The ceramic cooktop and oven surfaces become extremely hot during and after use. Always use oven mitts and allow surfaces to cool before cleaning or touching. A hot surface indicator light will illuminate when the cooktop is hot.
- **Children Safety:** Keep children away from the appliance during operation. Do not allow them to play with controls or near hot surfaces.
- **Proper Ventilation:** Ensure adequate ventilation in the kitchen area when using the range.
- **Cleaning:** Disconnect power before cleaning. Use non-abrasive cleaners.
- **UL Certified:** This appliance is UL-certified for safety.

2. Product Overview

The Equator 20-inch Electric Cooking Range ECR 204 is a versatile appliance designed for modern kitchens, offering a compact footprint with comprehensive cooking capabilities. It features a ceramic cooktop, a convection oven, and an air fryer function.



Front view of the Equator 20-inch Electric Cooking Range ECR 204, showcasing the ceramic cooktop, control panel, oven door with window, and storage drawer.

Key Features:

- **Four Ceramic Burners:** Provides efficient and precise heating for various cooking needs.
- **Convection Oven:** Ensures even heat distribution for baking, roasting, and grilling.
- **Integrated Air Fryer:** Allows for crispy, oil-free air frying directly in the oven.
- **Advanced Time Settings:** For precise cooking duration control.
- **Consistent Heat Control:** Top and bottom heating elements for thorough cooking.
- **Smart Safety Features:** Includes a hot surface indicator light and a heat-resistant handle.
- **Splashback:** Integrated design to help prevent messes on kitchen walls.
- **Storage Drawer:** Convenient space for cookware below the oven.



This image highlights the main features: 4 Ceramic Burners, Convection Oven, and Air Fryer functionality.

3. Setup and Installation

The Equator ECR 204 is designed as a freestanding unit, offering flexibility in kitchen placement. Proper installation is crucial for safety and performance.

3.1 Unpacking and Placement

1. Carefully remove all packaging materials from the range.
2. Inspect the appliance for any shipping damage. Contact your retailer immediately if damage is found.
3. Position the range in its desired location. Ensure there is adequate clearance around the unit as per local building codes and the appliance's specifications.



This image illustrates the freestanding nature of the range, allowing for flexible placement in the kitchen.

3.2 Electrical Connection

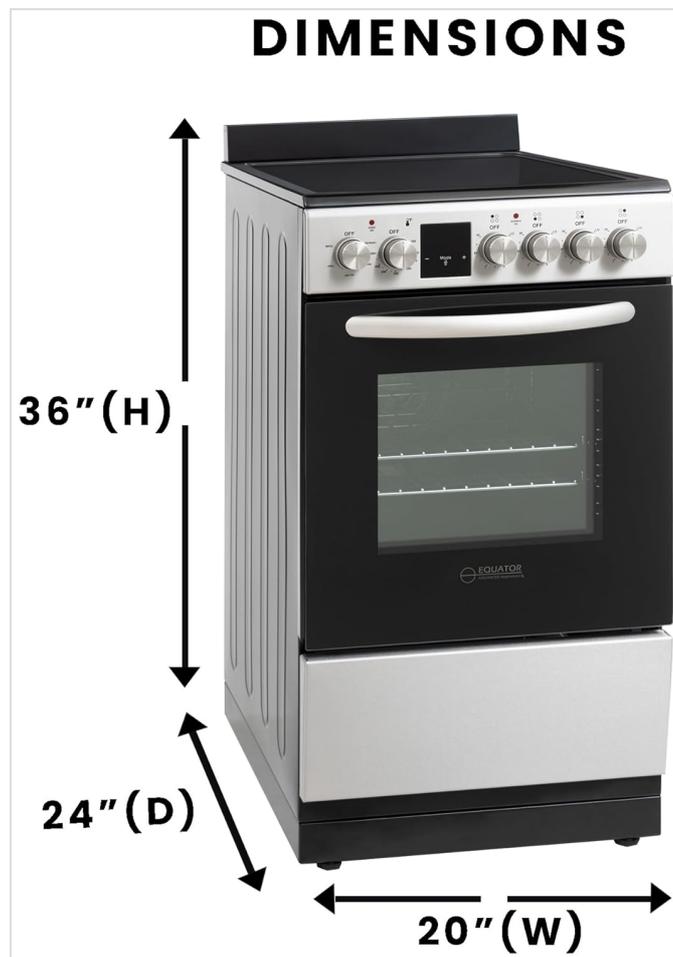
This appliance requires a dedicated 240V / 6800W / 60Hz electrical circuit. A 3-pin power cord is included. Professional installation by a qualified electrician is recommended to ensure compliance with all local electrical codes.



This image displays the types of power cords compatible with the range, including 3-wire and 4-wire options, highlighting electrical compatibility.

3.3 Dimensions

Refer to the diagram below for the appliance dimensions to ensure proper fit in your kitchen space.



The range measures approximately 36 inches in height, 24 inches in depth, and 20 inches in width.

4. Operating Instructions

The control panel features knobs for burner and oven functions, along with a digital display for oven settings.



This image shows the control panel with knobs for burner and oven settings, along with the ceramic cooktop and its hot surface indicator.

4.1 Ceramic Burners

The cooktop features four ceramic burners, each with 1200W power, controlled by individual knobs on the front panel.

1. **To Turn On:** Rotate the desired burner knob clockwise to the desired heat setting (Low to High).
2. **Hot Surface Indicator:** A light on the control panel will illuminate when any burner surface is hot, even after being turned off. Exercise caution.
3. **To Turn Off:** Rotate the knob counter-clockwise to the 'OFF' position.



This image highlights the four ceramic burners and the hot surface indicator light for safety.

4.2 Convection Oven and Air Fryer

The oven features both convection and air fryer functions, utilizing top and bottom heating elements for even cooking.

1. **Setting Temperature:** Use the oven control knob to select the desired temperature. The digital display will show the set temperature.
2. **Setting Time:** Use the time setting controls on the panel to set the cooking duration.
3. **Convection Function:** The convection fan circulates hot air for faster and more even cooking. This is ideal for baking and roasting.
4. **Air Fry Function:** For air frying, place food on a suitable air fry basket or tray (not included) on one of the oven racks. Select the air fry setting if available, or use a high convection setting.

- 5. **Oven Racks:** The oven includes two wire racks for flexible cooking.
- 6. **Oven Light:** Press the oven light button to illuminate the oven interior without opening the door.



This diagram illustrates the oven's internal components, including the convection fan and top and bottom heating elements, working together for even cooking.



The oven is equipped with two wire racks, allowing for cooking multiple items simultaneously, such as pizzas or brownies.



The oven light allows users to monitor cooking progress without opening the oven door, thus maintaining internal temperature.

5. Cleaning and Maintenance

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

5.1 General Cleaning

1. **Before Cleaning:** Always ensure the appliance is turned off and completely cooled down. Disconnect from the power supply if possible.
2. **Ceramic Cooktop:** Wipe spills immediately with a damp cloth. For stubborn stains, use a ceramic cooktop cleaner and a non-abrasive pad.
3. **Oven Interior:** For light soil, wipe with a damp cloth and mild detergent. For heavy soil, use an oven cleaner specifically designed for electric ovens, following the product instructions.
4. **Exterior Surfaces:** Clean with a soft cloth and mild soapy water. The stainless steel exterior has an anti-rust coating. Avoid abrasive cleaners or scouring pads.
5. **Splashback:** The integrated splashback helps contain spills. Clean with a damp cloth.



The splashback feature is designed to keep kitchen walls clean by preventing food splatters.

5.2 Storage Drawer

The storage drawer below the oven provides convenient space for pots, pans, and other cookware.



The spacious storage drawer is ideal for keeping pots, pans, and other kitchen essentials organized and easily accessible.

6. Troubleshooting

Before contacting service, review the following common issues and their potential solutions.

Problem	Possible Cause	Solution
Appliance does not turn on	No power supply; circuit breaker tripped	Check if the range is properly plugged in. Reset the circuit breaker.
Burner not heating	Burner knob not set correctly; faulty element	Ensure the burner knob is rotated to a heat setting. If problem persists, contact service.
Oven not heating	Oven controls not set correctly; door not closed properly	Verify temperature and time settings. Ensure the oven door is fully closed.

Problem	Possible Cause	Solution
Uneven cooking in oven	Improper rack placement; excessive food in oven	Ensure food is centered and not overcrowding the oven. Use convection mode for better heat distribution.
Hot surface indicator light stays on	Cooktop is still hot	This is normal. The light will turn off once the surface has cooled sufficiently.

7. Specifications

Detailed technical specifications for the Equator 20-inch Electric Cooking Range ECR 204.

Feature	Specification
Brand Name	Equator Advanced Appliances
Model Name	ECR 204
Item Model Number	ECR 204 S
Item Weight	115.8 pounds
Package Dimensions	40 x 29 x 27.6 inches
Efficiency	Energy Efficient
Capacity	1.9 Cubic Feet
Installation Type	Freestanding
Form Factor	Freestanding
Burner Type	Ceramic
Drawer Type	Storage
Heating Elements	4 (Burners)
Color	Solid Black
Control Console	Knob
Voltage	240 Volts
Racks	2
Fuel Type	Electric
Certification	UL
Included Components	Tools, 3-pin Cord
Finish Type	Stainless Steel

8. Warranty and Support

Your Equator 20-inch Electric Cooking Range ECR 204 is backed by a 1-year parts and labor warranty.

For warranty claims, technical assistance, or to purchase replacement parts, please contact Equator Advanced Appliances customer support. Keep your purchase receipt and model number readily available when contacting support.

For further information or to register your product, please visit the official Equator Advanced Appliances website.