

Weber E-415 (Model 1500368)

Weber Genesis E-415 Natural Gas Grill User Manual

Model: E-415 (1500368)

[Introduction](#) [Safety Information](#) [Setup](#) [Operation](#) [Maintenance](#) [Troubleshooting](#)
[Specifications](#) [Warranty & Support](#)

1. INTRODUCTION

This manual provides essential information for the safe assembly, operation, and maintenance of your Weber Genesis E-415 Natural Gas Grill. Please read all instructions thoroughly before using your grill to ensure proper function and safety. This grill is designed for outdoor use only and operates exclusively with natural gas.



Image: Front view of the Weber Genesis E-415 Natural Gas Grill, showcasing its black finish and four control knobs.

2. IMPORTANT SAFETY INFORMATION

WARNING: For outdoor use only. Do not store or use gasoline or other flammable vapors and liquids in the vicinity of this or any other appliance.

DANGER: If you smell gas:

1. Shut off gas to the appliance.
2. Extinguish any open flame.
3. Open lid.
4. If odor continues, keep away from the appliance and immediately call your gas supplier or fire department.

Always keep the grill area clear and free from combustible materials, gasoline, and other flammable vapors and liquids. Maintain a minimum distance of 24 inches (61 cm) from the back and sides of the grill to any combustible construction. Never operate the grill under an unprotected combustible overhead construction.

3. SETUP AND INSTALLATION

3.1 Assembly

Assembly of the Weber Genesis E-415 grill is required. Follow the detailed assembly instructions provided in the separate assembly guide included with your product. Ensure all components are securely fastened before proceeding.

3.2 Natural Gas Connection

This grill is designed exclusively for natural gas operation. It is factory-built for this fuel type and cannot be converted to use liquid propane. Ensure your home has a properly installed natural gas supply line with the correct pressure and connection point for the grill. Consult a qualified gas technician for installation if you are unsure.



Image: A diagram illustrating the overall dimensions of the Weber Genesis E-415 Natural Gas Grill, including height, width, and depth.

3.3 Initial Burn-Off

Before first use, perform an initial burn-off to remove any manufacturing residues. Light all burners to their highest setting and close the lid. Allow the grill to heat for 15-20 minutes. Turn off the burners and let the grill cool completely.

4. OPERATING YOUR GRILL

4.1 Lighting Instructions

1. Ensure the grill lid is open.
2. Turn on the gas supply at the source.
3. Push and turn the control knob of the far-left burner to the HIGH position.
4. Press the igniter button (if applicable) or wait a few seconds for the automatic ignition to spark.
5. Confirm the burner is lit by looking through the cooking grates.
6. Once the first burner is lit, you can turn on adjacent burners to the desired setting.

CAUTION: If ignition does not occur within 5 seconds, turn the burner control(s) off, wait 5 minutes, and repeat the lighting procedure.

4.2 Temperature Control and Cooking

The Weber Genesis E-415 features PureBlu burners designed for consistent pressure and even heat distribution across the grilling surface. Use the individual control knobs to adjust the flame intensity for each burner, allowing for direct or indirect cooking methods.



Image: Steaks and vegetables grilling on the porcelain-enameled cast-iron grates, highlighting the grill's searing capability.

The porcelain-enameled, cast-iron grates retain heat effectively for searing. The FLAVORIZER Bars catch drippings, vaporizing them to enhance flavor and reduce flare-ups. Utilize the warming rack to keep food warm or toast buns while the main course cooks.



Image: A close-up view of steaks cooking on the grill, with flames visible beneath the grates, indicating high heat for searing.

4.3 WEBER CRAFTED Outdoor Kitchen Collection

Your Genesis E-415 grill is compatible with the WEBER CRAFTED Outdoor Kitchen Collection. The cooking grates are designed to accommodate a frame kit and custom-fit grillware (sold separately). This allows you to transform your grill into various cooking stations, such as a pizza cooker, outdoor griddle, or Dutch oven.

5. CARE AND MAINTENANCE

5.1 Cleaning the Cooking Grates

After each use, while the grill is still warm, brush the cooking grates with a grill brush to remove food residue. For deeper cleaning, the porcelain-enameled cast-iron grates can be washed with warm, soapy water.

5.2 Grease Management System

The grill features a pull-out grease tray located beneath the cookbox. Regularly check and empty the grease tray to prevent accumulation and potential fire hazards. The tray slides out for easy disposal and cleaning.



Image: A person demonstrating the cleaning of the pull-out grease management tray, showing accumulated debris being scraped into a container.

5.3 FLAVORIZER Bars and Burners

Periodically inspect and clean the FLAVORIZER Bars and burner tubes. Ensure the flame openings on the PureBlu burners are clear of debris to maintain consistent flame and heat. Raised flame openings are designed to minimize clogging.

5.4 Exterior Cleaning

Clean the exterior surfaces with a mild soap and water solution. Avoid abrasive cleaners that could damage the finish. For stainless steel components, use a dedicated stainless steel cleaner.

6. TROUBLESHOOTING COMMON ISSUES

Problem	Possible Cause	Solution
---------	----------------	----------

Problem	Possible Cause	Solution
Burner fails to light	No gas flow, clogged burner port, faulty igniter	Check gas supply, clean burner ports, inspect igniter electrode and wire.
Uneven heating	Clogged burner ports, bent FLAVORIZER Bars	Clean burner ports, ensure FLAVORIZER Bars are correctly positioned.
Excessive flare-ups	Grease buildup, high heat setting	Clean grease management system and FLAVORIZER Bars, reduce heat, trim excess fat from food.
Low flame or yellow flame	Low gas pressure, clogged burner, spider/insect nests in venturi tubes	Check gas supply, clean burner, clear venturi tubes.

7. PRODUCT SPECIFICATIONS

- **Brand:** Weber
- **Model Name:** Genesis E-415 Natural Gas Grill, Black
- **Item Model Number:** 1500368
- **Fuel Type:** Natural Gas (only)
- **Main Burner Count:** 4
- **Cooking Surface Area:** 820 Square Inches
- **Product Dimensions:** 27"D x 64.5"W x 48.1"H
- **Item Weight:** 219 pounds
- **Material:** Cast Iron, Porcelain, Metal
- **Special Feature:** Superior Heat Retention, PureBlu Burner System, WEBER CRAFTED compatibility
- **UPC:** 077924996412

8. WARRANTY AND SUPPORT

8.1 Warranty Information

Your Weber Genesis E-415 Natural Gas Grill is backed by a manufacturer's warranty. Specific warranty details, including coverage periods and terms, are provided in the warranty document included with your grill. Please retain your proof of purchase for warranty claims.

8.2 Customer Support

For technical assistance, parts, or any questions regarding your grill, please contact Weber Customer Support. Refer to the contact information provided in your product packaging or visit the official Weber website for support resources.

