

Manuals.plus /

› Broil-Mate /

› Broil-Mate 765054 4-Burner Propane Gas Grill User Manual

## Broil-Mate 765054

# Broil-Mate 765054 4-Burner Propane Gas Grill User Manual

Model: 765054

## INTRODUCTION

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Thank you for choosing the Broil-Mate 765054 4-Burner Propane Gas Grill. This manual provides essential information for the safe assembly, operation, maintenance, and troubleshooting of your new grill. Please read all instructions carefully before using the appliance.



**Figure 1:** Front view of the Broil-Mate 765054 4-Burner Propane Gas Grill. This image shows the black porcelain hood, stainless steel control panel with four burner knobs, and side shelves.

## SAFETY INFORMATION

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Always follow basic safety precautions when using this propane gas grill to reduce the risk of fire, explosion, or injury.

- For outdoor use only. Do not operate indoors.
- Read all instructions before assembly and use.

- Keep children and pets away from the grill during operation.
- Ensure proper ventilation.
- Do not store or use gasoline or other flammable vapors and liquids in the vicinity of this or any other appliance.
- Always check for gas leaks before each use.

## SETUP AND ASSEMBLY

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The Broil-Mate 765054 grill is designed for straightforward setup. While the product description states "Assembly Required: No", some minor setup steps may still be necessary, such as connecting the propane tank and ensuring all components are securely in place after transport.

### Unpacking and Placement

1. Carefully remove all packaging materials. Inspect the grill for any damage incurred during shipping.
2. Place the grill on a level, stable surface outdoors, away from combustible materials. Ensure adequate clearance from walls and other structures.
3. Verify that the 6-inch injection mold wheels are securely attached, allowing for easy movement.

### Propane Tank Connection

1. Ensure the propane tank valve is closed.
2. Connect the regulator hose to the propane tank valve, tightening by hand. Do not overtighten.
3. Perform a leak test: Apply a soapy water solution to all connections. Open the propane tank valve. If bubbles appear, there is a leak. Close the valve and re-tighten connections. Repeat until no bubbles are present.

## OPERATING INSTRUCTIONS

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Follow these steps for safe and effective operation of your Broil-Mate 4-Burner Propane Gas Grill.

### Pre-heating the Grill

1. Open the grill lid.
2. Ensure all burner control knobs are in the "OFF" position.
3. Open the propane tank valve slowly.
4. Push and turn one burner control knob to the "HIGH" position. Press the igniter button (if applicable) or use a long-stem lighter to ignite the burner.
5. Once the first burner is lit, turn on the remaining burners to "HIGH".
6. Close the lid and allow the grill to pre-heat for 10-15 minutes. The Accu-temp lid thermometer will indicate the internal temperature.

### Cooking

- Adjust burner controls using the linear flow valves with 180-degree precision control to achieve desired cooking temperatures.
- Place food on the cast iron cooking grids.
- Monitor food and grill temperature using the Accu-temp lid thermometer.

### Shutting Down the Grill

1. Turn all burner control knobs to the "OFF" position.
2. Close the propane tank valve.

3. Allow the grill to cool completely before covering or moving.

## MAINTENANCE

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Regular maintenance ensures the longevity and optimal performance of your grill.

### Cleaning the Cooking Grids

- After each use, while the grill is still warm, use a grill brush to remove food residue from the cast iron cooking grids.
- For deeper cleaning, remove the grids and wash with warm soapy water. Rinse thoroughly and dry completely to prevent rust.

### Cleaning the Flav-R-Wave Cooking System

The stainless steel Flav-R-Wave cooking system helps vaporize drippings for enhanced flavor. Periodically remove and clean these components to prevent grease buildup.

### Exterior Cleaning

- Wipe down the black porcelain hood and stainless steel control panel/shelf facias with a damp cloth and mild detergent.
- Avoid abrasive cleaners that can scratch surfaces.

## TROUBLESHOOTING

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This section addresses common issues you might encounter with your grill.

Problem	Possible Cause	Solution
Burner fails to ignite	No gas flow; clogged burner port; faulty igniter	Check propane tank level and valve; clean burner ports; inspect igniter electrode and wire.
Low flame or uneven heat	Low gas pressure; clogged burner ports; regulator issue	Check propane tank; clean burner ports; reset regulator by turning off grill and tank, disconnecting, waiting 1 minute, then reconnecting and slowly opening tank valve.
Grease fire	Excessive grease buildup	Turn off burners and gas supply. Keep lid open. Do not use water. Allow fire to burn out. Clean grill thoroughly before next use.

## SPECIFICATIONS

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- **Model:** Broil-Mate 765054
- **Fuel Type:** Propane Gas
- **Main Burners:** 4 Stainless Steel Tube Burners
- **Primary Cooking Space:** 444 sq. in.
- **Total Cooking Space:** 644 sq. in.
- **Cooking Grids:** Cast Iron
- **Cooking System:** Stainless Steel Flav-R-Wave
- **Control:** Linear Flow Valves with 180-degree Precision Control
- **Hood:** Black Porcelain with Cast Aluminum End Caps
- **Thermometer:** Accu-temp Lid Thermometer

- **Dimensions (D x W x H):** 23" x 46.5" x 46"
- **Item Weight:** 94.3 lbs (42.86 kg)
- **Special Feature:** Superior Heat Retention

## WARRANTY INFORMATION

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Broil-Mate provides the following limited warranty for the 765054 Propane Gas Grill:

- **Cast Aluminum Components:** Limited lifetime warranty.
- **Stainless Steel Components:** 10 years warranty.
- **Stainless Steel Burner System:** 5 years warranty.
- **Remaining Parts and Paint:** 2 years warranty.

For detailed warranty terms and conditions, please refer to the official Broil-Mate warranty documentation or contact customer support.

## CUSTOMER SUPPORT

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For assistance with your Broil-Mate 765054 grill, including parts, service, or warranty claims, please contact Broil-Mate customer support. Refer to the manufacturer's website or product packaging for current contact information.

**Manufacturer:** Onward

**UPC:** 062703105536

