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Endark GA5003-1

Endark 3-Burner Propane Gas Grill User Manual

Model: GA5003-1

Brand: Endark

1. INTRODUCTION

Thank you for choosing the Endark 3-Burner Propane Gas Grill, Model GA5003-1. This grill is designed to provide a reliable and enjoyable outdoor cooking experience with its 26,000 BTU output, stainless steel construction, and convenient features. This manual provides essential information for safe assembly, operation, maintenance, and troubleshooting to ensure optimal performance and longevity of your grill.



Image 1.1: Endark 3-Burner Propane Gas Grill overview banner, highlighting key features like large cooking area, 3 burners, easy cleaning, and high capacity side table.

2. IMPORTANT SAFETY INFORMATION

READ ALL INSTRUCTIONS BEFORE OPERATING THE GRILL.

- **Outdoor Use Only:** This grill is for outdoor use only. Do not operate in an enclosed area such as a garage, shed, or any other enclosed space.
- **Propane Gas Only:** Use only propane gas. Do not connect to a natural gas supply.
- **Leak Check:** Always perform a leak test on all gas connections before initial use and after any cylinder change. Use a soapy water solution; never use a flame.
- **Clearance:** Maintain a minimum distance of 36 inches (91 cm) from the back and sides of the grill to any combustible materials.
- **Children and Pets:** Keep children and pets away from the grill at all times, especially during operation.
- **Hot Surfaces:** The grill surfaces become extremely hot during use. Use heat-resistant gloves and appropriate tools.
- **Ventilation:** Ensure adequate ventilation around the propane cylinder.
- **Grease Fires:** In case of a grease fire, turn off the gas supply immediately and keep the lid open. Do not use water to extinguish a grease fire.
- **Assembly:** Assembly requires careful attention. While the process is designed to be straightforward, allocate sufficient time and follow all instructions precisely. Some components may have sharp edges; wear protective gloves if necessary.

3. PACKAGE CONTENTS

Before assembly, ensure all parts are present and undamaged. If any parts are missing or damaged, do not attempt to assemble or operate the grill. Contact customer support.

Included Components:

- Grill Lid with Built-in Thermometer
- Firebox Assembly
- Control Panel with Burner Knobs
- Main Burners (3 units)
- Cooking Grates (Enamel Wire)
- Warming Rack
- Side Shelves (2 units, foldable)
- Cart Frame and Base
- Wheels (2 units, with locking casters)
- Grease Collection Tray
- Propane Hose and Regulator
- Hardware Pack (screws, nuts, washers)
- User Manual (this document)

4. ASSEMBLY INSTRUCTIONS

Assembly typically takes approximately 60-90 minutes. It is recommended to have two people for certain

steps. Follow the numbered steps carefully. A Phillips head screwdriver and an adjustable wrench are generally required.

Step-by-Step Guide:

1. **Unpack and Identify Parts:** Carefully remove all components from the packaging. Lay them out and compare them against the package contents list to ensure everything is present.
2. **Assemble the Base Frame:** Attach the bottom shelf to the vertical support legs using the provided hardware. Ensure all connections are secure.
3. **Attach Wheels:** Secure the two large wheels to one side of the base frame. The other side will typically have fixed feet or smaller locking casters.
4. **Mount the Firebox:** Carefully place the main firebox assembly onto the assembled base frame and secure it with the designated screws.
5. **Install Burners:** Insert the three main burners into their respective positions within the firebox. Ensure they are properly seated over the gas orifices.
6. **Attach Control Panel:** Secure the stainless steel control panel to the front of the firebox, ensuring the burner knobs align with the burner valves.
7. **Connect Gas Line:** Attach the propane hose and regulator to the grill's gas manifold. Do not connect to the propane tank yet.
8. **Install Side Shelves:** Attach the foldable side shelves to the main grill body using the hinge mechanisms and screws.
9. **Place Cooking Grates and Warming Rack:** Position the enamel wire cooking grates over the burners and place the warming rack in its designated upper slots.
10. **Insert Grease Tray:** Slide the removable grease collection tray into its slot beneath the firebox.
11. **Final Check:** Double-check all connections and hardware to ensure they are tight and secure.



Image 4.1: Fully assembled Endark 3-Burner Propane Gas Grill with side shelves extended, ready for use.



Image 4.2: Detailed specification diagram of the Endark 3-Burner Propane Gas Grill, showing components like side table, burners, gas stove placement, mobility wheels, and anti-rust powder coating.

5. OPERATING INSTRUCTIONS

5.1 Connecting the Propane Tank

1. Ensure the grill burner knobs are in the 'OFF' position.
2. Connect the regulator to the propane tank valve. Hand-tighten firmly.
3. Perform a leak test: Open the propane tank valve slowly. Apply a soapy water solution to all gas connections. If bubbles appear, there is a leak. Close the tank valve, tighten connections, and re-test. Do not operate the grill if a leak persists.

5.2 Ignition Procedure

1. Open the grill lid.
2. Ensure the propane tank valve is fully open.
3. Push and turn one burner knob to the 'HIGH' position.
4. Press the electronic igniter button (if applicable) or use a long-stem lighter to ignite the burner.
5. Once the first burner is lit, you can ignite the other burners by turning their respective knobs to 'HIGH'.
6. Close the lid and allow the grill to preheat for 10-15 minutes.

5.3 Temperature Control

Each burner can be adjusted independently using its dedicated control knob, allowing for precise temperature management across the cooking surface. The built-in thermometer on the lid provides an accurate reading of the internal grill temperature.



Image 5.1: Close-up of the Endark 3-Burner Propane Gas Grill, showing the stainless steel control panel with burner knobs and the top thermometer for temperature monitoring.



Image 5.2: View of the Endark 3-Burner Propane Gas Grill's cooking area, highlighting the warming rack and heavy-duty cooking grates, with food items being grilled.

6. MAINTENANCE AND CARE

6.1 Cleaning the Cooking Grates

After each use, turn the burners to high for 10-15 minutes to burn off any food residue. Once cooled, brush the grates with a stiff wire brush. For deeper cleaning, remove the grates and wash with warm soapy water.

6.2 Cleaning the Grease Tray

The removable grease collection tray should be emptied and cleaned regularly to prevent grease buildup and potential fires. Slide out the tray, dispose of accumulated grease, and wash with warm soapy water.



Image 6.1: Detailed view of the Endark 3-Burner Propane Gas Grill, showing the side table, removable grease tray, bottle opener, and storage cabinet for the propane tank.

6.3 Exterior Cleaning

Wipe down exterior surfaces with a damp cloth and mild detergent. For stainless steel parts, use a stainless steel cleaner. Avoid abrasive cleaners that can scratch the finish.

6.4 Storage

When not in use, especially during extended periods or inclement weather, cover the grill with a weather-resistant grill cover. If storing indoors, disconnect the propane tank and store it outdoors in a well-ventilated area.

7. TROUBLESHOOTING

Problem	Possible Cause	Solution
Burner will not light	No gas flow; clogged burner ports; faulty igniter	Check propane tank level and connection; clean burner ports; check igniter electrode and wire.

Problem	Possible Cause	Solution
Uneven heating	Clogged burner ports; low gas pressure	Clean burner ports; ensure regulator is functioning correctly and tank is not low.
Gas leak detected (soapy water test)	Loose connection; damaged hose/regulator	Immediately turn off gas. Tighten all connections. If leak persists, replace faulty component. Do not operate.
Grill difficult to move	Wheels locked; obstruction	Unlock wheel casters; clear any obstructions around the wheels.

8. PRODUCT SPECIFICATIONS

Feature	Specification
Brand	Endark
Model Name	GA5003-1
Product Dimensions (D x W x H)	17.9"D x 43.3"W x 45.2"H
Item Weight	46.3 pounds
Fuel Type	Propane Gas
Main Burner Count	3
Total BTU Output	26,000 BTU (implied from product title)
Cooking Surface Area	372 Square Inches
Material	Stainless Steel (Frame, Handle), Enamel Wire (Grates)
Special Feature	Heat-Resistant Handle, Built-in Thermometer, Foldable Side Shelves, Mobility Wheels
Installation Type	Free Standing
Assembly Required	Yes
UPC	730198543484

9. WARRANTY AND CUSTOMER SUPPORT

9.1 Limited Warranty

The Endark 3-Burner Propane Gas Grill (Model GA5003-1) comes with a **1-year limited warranty** from the date of purchase. This warranty covers defects in materials and workmanship under normal use and service. It

does not cover damage resulting from misuse, abuse, accidents, unauthorized modifications, or normal wear and tear. Please retain your proof of purchase for warranty claims.

9.2 Customer Support

For technical assistance, missing parts, or warranty inquiries, please contact Endark customer support. Refer to the contact information provided on the product packaging or the official Endark website. When contacting support, please have your model number (GA5003-1) and proof of purchase readily available.