

Thor Kitchen LRG3001U

THOR Kitchen Freestanding Professional 30-Inch Gas Range LRG3001U User Manual

Model: LRG3001U

INTRODUCTION

This manual provides essential instructions for the safe and efficient operation, installation, and maintenance of your THOR Kitchen Freestanding Professional 30-Inch Gas Range, Model LRG3001U. Please read all instructions thoroughly before using the appliance to ensure proper function and to prevent potential hazards.

Retain this manual for future reference.

IMPORTANT SAFETY INFORMATION

Always follow basic safety precautions when using this appliance to reduce the risk of fire, electric shock, or injury to persons.

- Ensure proper installation and grounding by a qualified installer.
- Do not store flammable materials in or near the appliance.
- Never use the appliance for space heating.
- Keep children away from the appliance during operation.
- Do not repair or replace any part of the appliance unless specifically recommended in this manual. All other servicing should be referred to a qualified technician.

SETUP AND INSTALLATION

1. Unpacking

Carefully remove all packaging materials, tape, and protective film from the range. Inspect the appliance for any shipping damage. Report any damage immediately to the retailer.

2. Placement and Leveling

The THOR Kitchen LRG3001U is a freestanding unit. Ensure adequate clearance from combustible materials. The appliance dimensions are approximately 30 x 29 x 38 inches (Width x Depth x Height). Use the adjustable leveling

legs at the bottom of the range to ensure the unit is stable and level. Proper leveling is crucial for even cooking and safe operation.



Image: Angled front view of the THOR Kitchen LRG3001U Freestanding Gas Range with the oven door closed, showcasing its stainless steel finish and overall design. This view helps in understanding the appliance's footprint for placement.

3. Gas Connection

This appliance operates on natural gas. Conversion kits for LP gas may be available; consult a qualified technician for conversion. The gas supply line must be connected by a qualified and licensed technician in accordance with local codes and regulations. Ensure the gas shut-off valve is accessible after installation.

4. Electrical Connection

The range requires a 120 Volt electrical supply. Ensure the electrical outlet is properly grounded and installed by a qualified electrician. Do not use extension cords with this appliance.

OPERATING INSTRUCTIONS

1. Control Panel Overview

The control panel features multiple knobs for burner and oven control, along with a light switch and a convection fan switch.



Image: Close-up view of the control panel on the THOR Kitchen LRG3001U, showing the six control knobs for the burners and oven, the oven light switch, and the convection fan switch. This image highlights the user interface for operating the range.

2. Surface Burner Operation

The cooktop features sealed burners with varying BTU outputs, including a high-powered 18,000 BTU burner for rapid heating. The continuous grates allow for easy movement of cookware.

1. Place cookware on the grate over the desired burner.
2. Push in and turn the corresponding burner knob counter-clockwise to the "HIGH" position.
3. The igniter will click, and the burner will light. Once lit, release the knob.
4. Adjust the flame size by turning the knob between "HIGH" and "LOW" settings.
5. To turn off, turn the knob clockwise to the "OFF" position.



Image: Overhead view of the THOR Kitchen LRG3001U gas cooktop, displaying the four sealed burners and the central griddle burner, all covered by continuous cast-iron grates. This illustrates the layout of the cooking surface.



Image: Detailed close-up of one of the sealed gas burners on the THOR Kitchen LRG3001U cooktop, showing the burner cap and grate. This view helps in understanding the burner's construction and for cleaning purposes.

3. Oven Operation

The oven has a 4.55 cu. ft. capacity and features a commercial convection fan for even heat distribution.

- **Baking:** Turn the oven control knob to the desired temperature. The oven will preheat. The convection fan can be activated for faster and more even cooking by flipping the "Convection Fan" switch.
- **Broiling:** Turn the oven control knob to the "BROIL" setting. The reflective gas tube broiler distributes heat evenly for searing.
- **Oven Light:** Use the "Light" switch on the control panel to illuminate the oven interior.



Image: Front view of the THOR Kitchen LRG3001U gas range with the oven door open, revealing the spacious interior with multiple racks. This image demonstrates the oven's capacity and rack positions.

4. Storage Drawer

The storage drawer located beneath the oven provides additional space for storing cooking trays, bakeware, or other kitchen utensils.

CARE AND MAINTENANCE

1. Cleaning the Cooktop

- Allow the cooktop to cool completely before cleaning.
- Remove grates and burner caps. Wash with warm, soapy water.
- Wipe the stainless steel surface with a damp cloth and a mild detergent. For stubborn stains, use a non-abrasive stainless steel cleaner.

- Ensure all parts are dry before reassembling.

2. Cleaning the Oven Interior

- Remove oven racks. Clean with warm, soapy water or an oven cleaner suitable for gas ovens.
- Wipe the interior surfaces with a damp cloth. Avoid harsh abrasives.

3. Oven Igniter Maintenance

If the oven fails to ignite, the igniter may need inspection or replacement. This is a common maintenance item for gas ranges. Consult a qualified service technician for diagnosis and replacement. Generic igniters with an amperage range of 3.3 to 3.6 are typically compatible.

TROUBLESHOOTING GUIDE

Before contacting customer service, review the following common issues and solutions:

Problem	Possible Cause	Solution
Burner does not ignite or ignites slowly.	Igniter is dirty or wet; gas supply issue; burner cap not seated correctly.	Clean igniter and burner cap. Ensure burner cap is properly seated. Verify gas supply is on. Hold knob for 10-30 seconds to allow gas to flow and igniter to warm.
Oven does not heat.	Gas supply off; igniter failure; incorrect temperature setting.	Check gas supply. Ensure oven knob is set to a temperature. If igniter is not glowing, it may need replacement by a qualified technician.
Uneven cooking in oven.	Oven not level; improper rack placement; convection fan off.	Ensure the range is level. Use appropriate rack positions. Activate the convection fan for more even heat distribution.

If problems persist after attempting these solutions, please contact THOR Kitchen customer support.

PRODUCT SPECIFICATIONS





Feature	Detail
Brand	Thor Kitchen
Model Number	LRG3001U
Installation Type	Freestanding
Fuel Type	Gas
Material	Stainless Steel
Product Dimensions (W x D x H)	30 x 29 x 38 inches
Item Weight	218 pounds
Oven Capacity	4.55 cu. ft.
Voltage	120 Volts



Feature	Detail
Heating Elements	5 (burners)
Racks	3
Control Console	Knob
Drawer Type	Storage

WARRANTY AND CUSTOMER SUPPORT

For warranty information, please refer to the warranty card included with your appliance or visit the official THOR Kitchen website. For technical assistance, parts, or service, contact THOR Kitchen customer support directly. Ensure you have your model number (LRG3001U) and purchase date available when contacting support. You can find more information and contact details on the [Thor Kitchen Store](#).

Related Documents - LRG3001U

	<p>THOR KITCHEN HRE2401 24-Inch Professional Electric Range - Technical Specifications</p> <p>Detailed technical specifications, features, dimensions, and performance data for the THOR KITCHEN HRE2401 24-inch professional electric range. Includes cooktop and oven details, cutout requirements, and warranty information.</p>
	<p>Thor Kitchen 60 Inch Professional Gas Range LRG60E/LRG60E Installation Instructions</p> <p>Installation guide for Thor Kitchen 60 Inch Professional Gas Range (LRG60E/LRG60E). Covers safety warnings, gas and electrical supply requirements, dimensions, clearances, and first use. Includes detailed instructions for safe installation and operation.</p>
	<p>Thor Kitchen HRG3080U/HRG3026U 30-inch Gas Range Specifications</p> <p>Detailed specifications for Thor Kitchen's 30-inch gas range models HRG3080U and HRG3026U, including gas pipe, regulator, and product dimensions.</p>
	<p>Thor Kitchen Professional Gas Rangetops User Manual & Installation Guide</p> <p>This user manual and installation guide provides comprehensive information for Thor Kitchen Professional Gas Rangetops, including installation procedures, safety precautions, operating guidelines, troubleshooting tips, and warranty details for models HRT3004U-M1, HRT3606U-M1, and HRT4806U-M1.</p>

	<p>Thor Kitchen HRH3607 & HRH3007 Range Hoods: Use and Care Manual</p> <p>This comprehensive Use and Care Manual provides essential information for Thor Kitchen HRH3607 and HRH3007 professional range hoods, covering safety guidelines, installation procedures, maintenance tips, operational controls, and warranty details.</p>
	<p>Thor Kitchen Outdoor BBQ Grill User Care Manual</p> <p>Comprehensive user care manual for Thor Kitchen Outdoor BBQ Grills (Models MK04SS304, MK09SS304), covering installation, safety, operation, maintenance, and troubleshooting for Liquid Petroleum Gas Stainless Steel Grills.</p>