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› THOR Kitchen Freestanding Professional 30-Inch Gas Range Model HRG3080U User Manual

Thor Kitchen HRG3080U

THOR Kitchen Freestanding Professional 30-Inch Gas Range User Manual

Model: HRG3080U

INTRODUCTION

This manual provides essential information for the safe and efficient operation, installation, and maintenance of your THOR Kitchen Freestanding Professional 30-Inch Gas Range, Model HRG3080U. Please read all instructions thoroughly before using the appliance to ensure proper function and to prevent potential hazards.



Image: Front view of the THOR Kitchen Freestanding Professional 30-Inch Gas Range. This image displays the stainless steel exterior, control knobs, and the oven door with a large viewing window.

SAFETY INFORMATION

WARNING: For your safety, the information in this manual must be followed to minimize the risk of fire or explosion, or to prevent property damage, personal injury, or death.

- Ensure proper installation by a qualified installer, service agency, or gas supplier.
- Do not store or use gasoline or other flammable vapors and liquids in the vicinity of this or any other appliance.
- Never use this appliance as a space heater to heat or warm the room. This can result in carbon monoxide poisoning and overheating of the oven.

- 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.
- Always keep the appliance area clear and free from combustible materials, gasoline, and other flammable vapors and liquids.

SETUP AND INSTALLATION

The THOR Kitchen HRG3080U is a freestanding gas range designed for residential use. Proper installation is crucial for safety and performance.

Pre-Installation Checklist:

- Verify that the gas supply (Natural Gas or Liquid Propane with conversion kit) matches the appliance requirements.
- Ensure adequate ventilation is available.
- Confirm electrical supply (120 Volts) is accessible and meets specifications.
- Prepare the installation area according to the product dimensions.

Dimensions and Clearances:

Refer to the diagram below for precise measurements and required clearances for installation.

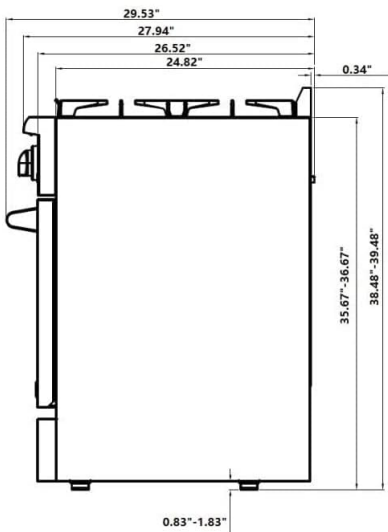
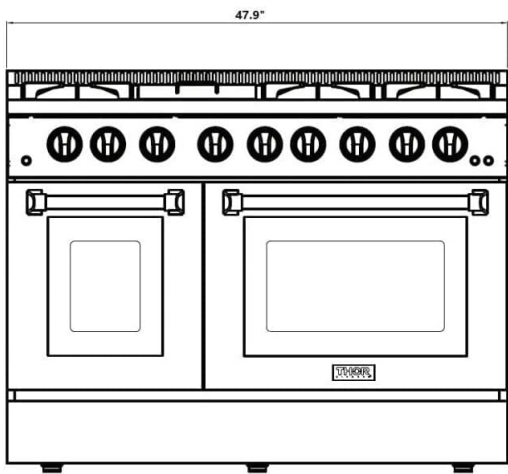
Model# **HRG4808U**

Thor Kitchen 48 inch Professional Gas Range



DIMENSION & WEIGHT

Product Dimension		
Product width		474/19"
Product height (from bottom to top of back splash)		371/6"
Product height (from bottom to top of side panel)		351/3"
Product depth (from back panel to bullnose include gasket)		281/4"
Product depth (from back panel to control board include gasket)		265/6"
Product depth (from back panel to side panel front include gasket)		243/5"
Depth of control panel (minimum)		32/3"
Depth of control panel (bullnose)		12/5"
Cast iron cooking grate (W x L)		21 6/7" x 11 1/35"
Adjustable legs	Recommend not to exceed	1/2"
Power plug length		561/4"
Required Cutout Size (W x D x H) (in)		50 2/5" x 29 1/2" x 45 1/3"



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Image: Technical diagram illustrating the product dimensions and recommended cutout requirements for the THOR

Kitchen 30-Inch Gas Range. This includes width, height, and depth measurements for proper installation.

Product Dimensions: 27.5 x 30 x 39.75 inches (Depth x Width x Height)

Item Weight: 172 pounds

Installation Type: Freestanding

Fuel Type: Natural Gas (Conversion kit required for Liquid Propane)

Electrical Requirements: 120 Volts

It is highly recommended that installation and gas connections be performed by a qualified professional to ensure compliance with local codes and safety standards.

OPERATING INSTRUCTIONS

Your THOR Kitchen gas range features a powerful cooktop and a versatile oven for various cooking needs.

Cooktop Operation:

The cooktop is equipped with four sealed burners and durable heavy-duty cast-iron cooking grates. Each burner features electronic ignition with an auto re-ignition feature.



Image: Top-down view of the THOR Kitchen 30-Inch Gas Range cooktop. It shows four sealed burners with robust cast-iron grates, including one central high-power burner.

Burner Configuration:

- One 18,000 BTU single burner
- One 15,000 BTU dual burner
- Two 12,000 BTU single burners

To ignite a burner, push in and turn the corresponding control knob counter-clockwise to the 'LITE' position. Hold the knob until the burner ignites. Once lit, adjust the flame size by turning the knob to the desired setting.

Oven Operation:

The oven features a 4.2 cubic feet capacity with a blue porcelain interior and a powerful 22,000 BTU convection oven function.



Image: The oven door of the THOR Kitchen 30-Inch Gas Range is open, showcasing the distinctive blue porcelain interior and two adjustable oven racks. Twin halogen oven lights are visible.

- **Preheating:** Turn the oven control knob to the desired temperature. The oven will begin to preheat.

- **Convection Baking:** To activate the convection fan, press the 'Convection Fan' button on the control panel. Convection cooking provides more even heat distribution, ideal for baking multiple items or roasting.
- **Oven Lights:** Press the 'Light' button on the control panel to illuminate the twin halogen oven lights, allowing you to monitor cooking progress through the extra-large oven window.
- **Broiler:** The oven includes a 13,000 BTU broiler for grilling and browning food. Refer to the specific broiler instructions in the full manual for safe operation.

MAINTENANCE AND CLEANING

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

Exterior Cleaning:

- The modern stainless steel surface is easy to clean. Use a soft cloth with warm, soapy water or a specialized stainless steel cleaner. Always wipe in the direction of the grain.
- Avoid abrasive cleaners, scouring pads, or steel wool, as these can scratch the surface.

Cooktop Cleaning:

- Allow the cooktop and grates to cool completely before cleaning.
- Remove the durable heavy-duty cast-iron cooking grates and burner caps. Wash them with warm, soapy water. For stubborn stains, a non-abrasive scrub brush can be used.
- Wipe the sealed burner area with a damp cloth. Ensure no water enters the burner ports.

Oven Interior Cleaning:

- The blue porcelain oven interior can be cleaned with warm, soapy water and a soft cloth or sponge.
- For baked-on spills, use a non-abrasive oven cleaner specifically designed for porcelain enamel, following the product instructions carefully.
- Remove oven racks and clean them separately.

TROUBLESHOOTING

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

Problem	Possible Cause	Solution
Burner does not ignite	Gas supply off; burner ports clogged; igniter wet or dirty.	Check gas valve; clean burner ports; ensure igniter is dry and clean.
Oven not heating	Gas supply off; oven control not set correctly; power outage.	Check gas valve; ensure oven control is set to a temperature; check circuit breaker.
Uneven baking	Oven not preheated; improper rack position; excessive food in oven.	Allow full preheat; use recommended rack positions; avoid overcrowding.
Oven light not working	Bulb loose or burned out.	Tighten or replace bulb (ensure oven is cool and power is off).

If these solutions do not resolve the issue, please contact customer support or a qualified service technician.

SPECIFICATIONS

Feature	Detail
Brand	Thor Kitchen
Model Number	HRG-3080U
Installation Type	Freestanding
Capacity (Oven)	4.2 Cubic Feet
Item Weight	172 pounds
Product Dimensions (D x W x H)	27.5 x 30 x 39.75 inches
Burner Type	Sealed
Heating Elements	4 (18,000 BTU, 15,000 BTU, two 12,000 BTU)
Broiler BTU	13,000 BTU
Convection Oven BTU	22,000 BTU
Control Console	Knob
Voltage	120 Volts
Fuel Type	Natural Gas (Convertible to LP)
Material Type	Grate (Cast Iron)
Finish Type	Stainless Steel
Special Features	Electronic Ignition with Auto Re-ignition, Extra-large oven window, Twin Halogen Oven Lights, Blue Porcelain Oven Interior

WARRANTY AND SUPPORT

Your THOR Kitchen Freestanding Professional 30-Inch Gas Range Model HRG3080U comes with a **2-year warranty on parts and labor** from the date of purchase.

For warranty claims, technical assistance, or to purchase replacement parts, please contact THOR Kitchen customer support. Ensure you have your model number (HRG3080U) and proof of purchase available when contacting support.

For additional resources, you may visit the [Thor Kitchen Store](#).