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- › [Thor Kitchen](#) /
- › [THOR Kitchen Professional 48-Inch Wall Mount Pyramid Range Hood - TRH48P User Manual](#)

## Thor Kitchen TRH48P

# THOR Kitchen Professional 48-Inch Wall Mount Pyramid Range Hood - TRH48P User Manual

Model: TRH48P

## 1. INTRODUCTION

This manual provides comprehensive instructions for the installation, operation, and maintenance of your THOR Kitchen Professional 48-Inch Wall Mount Pyramid Range Hood, model TRH48P. Please read this manual thoroughly before installation and use to ensure proper function and safety. Retain this manual for future reference.



Figure 1.1: Front view of the THOR Kitchen TRH48P range hood, showcasing its stainless steel finish and pyramid design.

## 2. SAFETY INFORMATION

Your safety and the safety of others are very important. This manual contains important safety messages. Always read and obey all safety messages.

- **Electrical Safety:** Ensure the range hood is properly grounded. Disconnect power before servicing.
- **Installation:** Installation must be performed by a qualified installer in accordance with all applicable codes and standards.
- **Fire Hazard:** Do not flambé under the range hood. Clean grease filters regularly to reduce the risk of fire.
- **Ventilation:** Ensure adequate ventilation in the room when the range hood is used simultaneously with gas-burning appliances.
- **Children:** Keep children away from the appliance during operation and cleaning.

### 3. PACKAGE CONTENTS

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Verify that all components are present and undamaged upon unpacking. If any items are missing or damaged, contact your retailer immediately.

- THOR Kitchen Professional 48-Inch Wall Mount Pyramid Range Hood (TRH48P)
- Baffle Filters
- LED Lights
- Installation Hardware (screws, anchors, etc.)
- Ducting components (if included)
- User Manual

### 4. SETUP AND INSTALLATION

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This range hood is designed for wall-mount installation. Professional installation is highly recommended to ensure safety and compliance with local building codes.

#### 4.1 Pre-Installation Checklist

- Confirm adequate wall structure to support the hood's weight (approximately 72 lbs).
- Ensure proper electrical supply (120V, 60Hz, dedicated circuit recommended).
- Verify ductwork is correctly sized and routed for optimal airflow (700 CFM capacity).
- Unpack all components and inspect for damage.

#### 4.2 Mounting the Range Hood

1. Determine the optimal mounting height above the cooking surface, typically 24-30 inches for electric cooktops and 27-30 inches for gas cooktops.
2. Mark the mounting points on the wall according to the installation template (if provided) or the hood's dimensions.
3. Secure the mounting bracket to the wall using appropriate fasteners for your wall type.
4. Carefully lift and hang the range hood onto the mounting bracket.
5. Secure the hood to the wall using additional screws as specified in the detailed installation guide.



**Figure 4.1:** Side view of the TRH48P range hood, illustrating its wall-mount design and chimney extension.

### 4.3 Ducting and Electrical Connections

1. Connect the ductwork from the hood's exhaust outlet to the external ventilation system. Ensure all connections are sealed to prevent air leaks.
2. Connect the electrical wiring according to local electrical codes. This typically involves connecting the hood's power cord to a grounded electrical outlet or hardwiring it to a junction box.
3. Test the fan and lights after all connections are made and before final assembly of decorative covers.



Figure 4.2: Top-down view of the TRH48P range hood, highlighting the exhaust ports for ducting connection.

## 5. OPERATING INSTRUCTIONS

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The TRH48P range hood features push-button controls for fan speed and lighting.

### 5.1 Fan Operation

- Locate the fan speed control buttons on the front panel of the hood.
- Press the desired speed button (e.g., Low, Medium, High) to activate the fan. The hood offers multiple speed settings to accommodate various cooking needs, providing up to 700 Cubic Feet Per Minute (CFM) of airflow.
- Press the 'Off' button or cycle through speeds to turn off the fan.

### 5.2 LED Lighting

- Locate the light control button on the front panel.
- Press the button to turn the LED lights on or off. The integrated LED lights provide illumination for your cooking surface.



Figure 5.1: Detailed view of the TRH48P's control panel, showing push buttons for fan speed and lighting, alongside the baffle

## 6. MAINTENANCE

Regular maintenance ensures optimal performance and extends the lifespan of your range hood. Always disconnect power before performing any maintenance.

### 6.1 Baffle Filter Cleaning

The stainless steel baffle filters are designed for easy cleaning and are crucial for efficient grease capture. Clean filters regularly, ideally every 3-6 weeks depending on cooking frequency.

1. To remove, grasp the handle on each baffle filter and pull downwards, then slide out.
2. Wash filters in hot soapy water or place them in a dishwasher. Avoid using abrasive cleaners or steel wool.
3. Allow filters to dry completely before re-installing.
4. To re-install, align the filter with the slots and push upwards until it locks into place.



Figure 6.1: Underside view of the TRH48P, illustrating the removable baffle filters for cleaning.

### 6.2 Exterior Cleaning

Clean the stainless steel exterior with a soft cloth and a non-abrasive stainless steel cleaner. Always wipe in the direction of the grain to prevent scratching. Do not use abrasive pads or cleaners that contain chlorine.

### 6.3 LED Light Replacement

LED lights are long-lasting. If replacement is necessary, contact customer support for compatible parts and instructions.

## 7. TROUBLESHOOTING

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

Problem	Possible Cause	Solution
Hood does not operate	No power supply; circuit breaker tripped; loose wiring.	Check power connection; reset circuit breaker; verify wiring connections (consult a professional).
Poor suction performance	Clogged filters; restricted ductwork; incorrect mounting height.	Clean baffle filters; check ductwork for obstructions or kinks; ensure proper mounting height.
Excessive noise	Loose components; fan imbalance; restricted airflow; ductwork issues.	Ensure all mounting screws are tight; check for foreign objects in the fan; inspect ductwork for proper sizing and smooth transitions.

Problem	Possible Cause	Solution
Lights not working	Faulty LED bulb; loose connection.	Check light switch; ensure bulbs are seated correctly; replace LED lights if necessary (contact support).

## 8. SPECIFICATIONS

Feature	Detail
Model	TRH48P
Brand	Thor Kitchen
Mounting Type	Wall Mount
Material	Stainless Steel
Dimensions	48-Inch Width
Air Flow Capacity	700 Cubic Feet Per Minute (CFM)
Controls Type	Push Button
Light Source Type	LED
Filter Type	Baffle
Item Weight	72 Pounds
Special Feature	Easy To Clean
UPC	850018999649

## 9. WARRANTY AND CUSTOMER SUPPORT

For warranty information, please refer to the warranty card included with your product or visit the official Thor Kitchen website. For technical assistance, replacement parts, or any questions not covered in this manual, please contact Thor Kitchen customer support.

**Manufacturer:** Thor Kitchen

**Website:** [Visit the Thor Kitchen Store on Amazon](#) (for general product information)

Please have your model number (TRH48P) and purchase date available when contacting support.