

TUH3048 TUH3648  
TUH3048B TUH3648B  
TUH3048W TUH3648W

TUH SERIES PROFESSIONAL RANGE HOODS TUH MODELS

# USE & CARE MANUAL

**THOR**  
K I T C H E N<sup>®</sup>

USE AND CARE MANUAL

# TUH PROFESSIONAL UNDER CABINET HOOD

## TUH MODELS

TUH3048 TUH3648

TUH3048B TUH3648B

TUH3048W TUH3648W

**THOR**  
K I T C H E N<sup>®</sup>

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# IMPORTANT SAFETY INSTRUCTIONS

## ATTENTION

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\*The manufacturer will not be held liable for any damages resulting from incorrect or improper installation.

\*Please read this instruction manual before installing and using this range hood. Properly keep this instruction manual in a safe place for future reference.

\*This range hood can be installed in **ducted** or **ductless (recirculating)** configurations. For ductless installation, **recirculating kit** (sold separately) must be used.

\* Installation and servicing must be performed **only by a qualified and trained service technician**.

## WARNING

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READ AND SAVE THESE INSTRUCTIONS.

WARNING: TO REDUCE THE RISK OF FIRE, ELECTRIC SHOCK, OR INJURY TO PERSONS, READ THE FOLLOWING INSTRUCTIONS CAREFULLY:

\*Use this unit only as intended by manufacturer.

Please contact customer service if you have any questions.

\*Before servicing or cleaning the unit, securely fasten a prominent warning device, such as a tag, to the service panel.

\*Installation work and electrical wiring must be done by qualified technician(s) in accordance with all applicable codes and standards including fire-rated construction.

\*Do not operate any fan with a damaged cord or plug.

\*Sufficient air is needed for proper combustion and exhaust of gas through the flue (chimney) of fuel burning equipment to prevent back drafting. Follow the appliance manufacturer's guideline and safety standards, such as those published by National Fire Protection Association (NFPA), the American Society for Heating, Refrigeration and Air Conditioning Engineers (ASHRAE), and the local code authorities.

\*When cutting and drilling into wall or ceiling; do not damage electrical wiring and other utilities.

\*Ducted fans must always be vented to the outdoors.

\*CAUTION: For residential kitchen ventilation use only. Do not use to exhaust hazardous or explosive materials or vapors.

## IMPORTANT SAFETY INSTRUCTIONS

\*CAUTION: To reduce the risk of fire and ensure proper ventilation, **duct air outdoors**. Do not vent exhaust air into walls, ceilings, attics, crawl spaces, or garages.

WARNING - TO REDUCE THE RISK OF FIRE, USE ONLY METAL DUCTWORK.

WARNING- TO REDUCE THE RISK OF A RANGE TOP GREASE FIRE:

- a) Never leave surface units unattended at high settings. Boil overs cause smoking and greasy spillovers that may ignite. Heat oils slowly on low or medium settings.
- b) Always turn the hood **ON** when cooking at high heat or when flambéing foods (e.g, Crêpes Suzette, Cherries Jubilee, Peppercorn Beef Flambé).
- c) Clean ventilating fans frequently. Grease should not be allowed to accumulate on fan or filter.
- d) Use proper pan size. Always use cookware appropriate for the size of the surface burner /element .

WARNING-TO REDUCE THE RISK OF INJURY TO PERSONS IN THE EVENT OF A RANGE TOP GREASE FIRE, OBSERVE THE FOLLOWING:

- a) **SMOTHER FLAMES** with a close-fitting lid, cookie sheet, or metal tray, then turn off the burner. **BE CAREFUL TO PREVENT BURNS**. If the flames do not go out immediately, **EVACUATE AND CALL THE FIRE DEPARTMENT**.
- b) **NEVER PICK UP A FLAMING PAN**– You may be burned.
- c) **DO NOT USE WATER**, including wet dishcloths or towels - a violent steam explosion will result.
- d) Use an extinguisher **ONLY** if:
  - 1) You know you have a Class ABC extinguisher, and you already know how to operate it.
  - 2) The fire is small and contained in the area where it started.
  - 3) The fire department is being called.
  - 4) You can fight the fire with your back to an exit.

Based on "Kitchen Fire Safety Tips" published by NFPA.

WARNING: TO REDUCE THE RISK OF FIRE OR ELECTRICAL SHOCK, DO NOT USE THIS FAN WITH ANY SOLID-STATE SPEED CONTROL DEVICE

\*Check voltage corresponds to the one indicated on the rating plate/label plate fixed inside the hood.

## IMPORTANT SAFETY INSTRUCTIONS

- \* Check that the domestic power supply guarantees adequate grounding.
  - \* Do not connect the hood to exhaust ducts carrying combustion fumes (boilers, fireplaces, etc.)
  - \* If the hood is used in conjunction with non-electrical appliances (e.g. gas burning appliances), a sufficient degree of aeration must be guaranteed in the room in order to prevent the backflow of exhaust gas. The kitchen must have an opening directly with the open air in order to guarantee the entry of clean air.
  - \* The minimum distance is 30 inches from the range hood to a gas cooktop, and is 28 inches to an electric cooktop. If the installation instructions for gas cooktop specify a greater distance, this must be taken into account.  
In certain circumstances electrical appliances may be a danger hazard.
  - \* Do not check the status of the filters while the range hood is operating.
  - \* Do not touch the light bulbs during or right after appliance in use.
  - \* Do not operate or disconnect the appliance with wet hands.
  - \* Avoid free flame, as it is damaging for the filters and a fire hazard.
  - \* Constantly check food frying to prevent that overheated oil may become a fire hazard.
  - \* Disconnect electrical plug prior to any maintenance.
  - \* The hood should not be used by children or person not instructed in its correct use. Children don't recognize the risks of electrical appliances. Therefore, use or keep the appliance only under supervision of adults and out of the reach from children.
  - \* Don't use this product outdoor.
  - \* There shall be adequate ventilation of the room when the range hood is used at the same time as appliances burning gas or other fuels.
  - \* There is a fire risk if cleaning is not carried out in accordance with instructions.
  - \* Do not flambe under the range hood.
  - \* The discharge air must not be discharged into a flue which is used for exhausting fumes from appliances burning gas or other fuels.
- WARNING: TO PROVIDE PROTECTION AGAINST ELECTRIC SHOCK, CONNECT TO PROPERLY GROUNDED OUTLETS ONLY**

# IMPORTANT SAFETY INSTRUCTIONS

## **GROUNDING INSTRUCTIONS**

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This appliance must be grounded. In the event of an electrical short circuit, grounding reduces the risk of electric shock by providing an escape wire for the electric current. This appliance is equipped with a cord having a grounding wire with a grounding plug. The plug must be plugged into an outlet that is properly installed and grounded.

### **WARNING: IMPROPER GROUNDING CAN RESULT IN A RISK OF ELECTRIC SHOCK**

Consult a qualified electrician if the grounding instructions are not completely understood, or if doubt exists as to whether the appliance is properly grounded.

Do not use an extension cord. If the power supply cord is too short, have a qualified electrician install an outlet near the appliance.

**NEVER CUT THE PLUG FROM THE ELECTRIC CORD AND ENSURE THE OUTLET IS GROUNDED, CUTTING THE CORD WILL VOID THE WARRANTY.**

## **NOTICE**

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Considering excessive weight, two or more people are required to install or move this appliance. Failure to do so can cause physical injuries.

\*The range hood has been designed only for residential use only for use to eliminate kitchen fumes.

\*Never use the hood for purposes other than what it has been designed for.

\*Never left open flame unattended under the hood when it is in operation.

\*Adjust the flame intensity to direct it onto the bottom of the pan only; making sure that it does not exceed the pan sides.

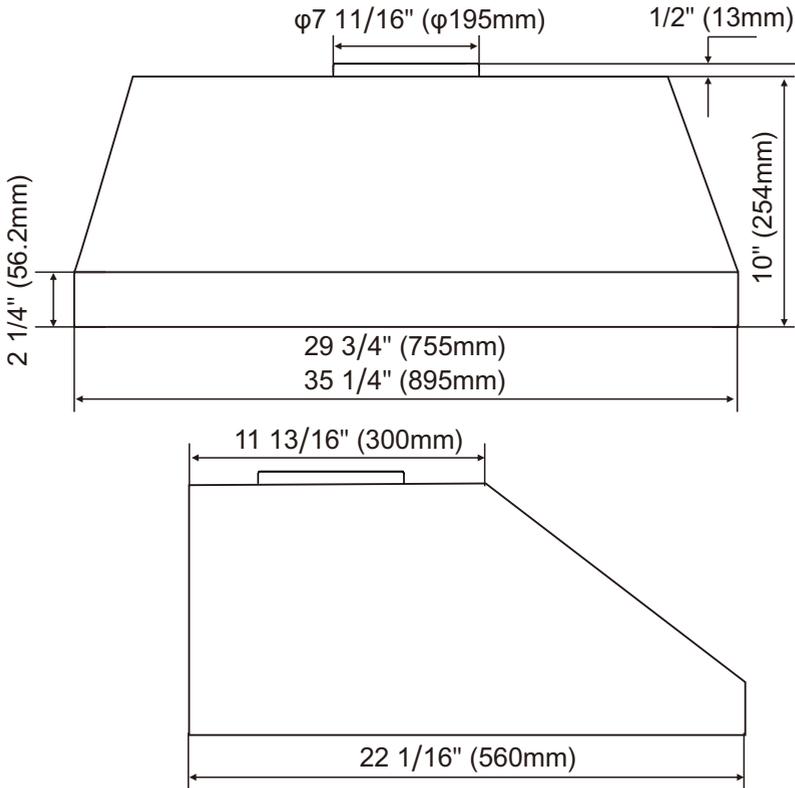
\*Deep fryer must be continuously monitored during use: overheated oil can burst into flame.

# DIMENSIONS

## PRODUCT DIMENSION

|                      |  |
|----------------------|--|
| Models               | TUH3048 / TUH3648 / TUH3048B<br>TUH3648B / TUH3048W / TUH3648W   |
| Net Weight (lbs)     | 48.3 [30 inch] / 51.8 [36 inch]  |
| Measurement (inches) | TUH3048 / TUH3048B / TUH3048W (W×D×H) :<br>[29 3/4" (755mm)] × [22 1/16" (560mm)] × [10 1/2" (267mm)]<br>TUH3648 / TUH3648B / TUH3648W (W×D×H) :<br>[35 1/4" (895mm)] × [22 1/16" (560mm)] × [10 1/2" (267mm)] |
| Maximum Voltage      | 120V-60Hz  |
| Duct Size            | Round 8 inches   |
| Light                | 1.5W LED x2  |
| Certification        |   |

**NOTE:** All dimensions are provided in millimeters (mm).  
Inch measurements are conversions from millimeters and are therefore approximate.



## Electrical connection

\*Electrical wiring must be performed by a qualified person **at the service entrance** before starting any wiring work in accordance with all applicable codes and standards. Turn off electrical power.

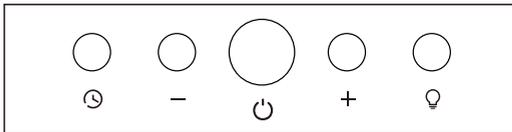
\*If the supply cord is damaged, it must be replaced by the manufacturer, its service agent or similarly **a similarly qualified person** in order to avoid hazards.

\*Do not use a plug or extension cord other than those supplied with the hood.

\*This appliance must be grounded. Grounding reduces the risk of electric shock in the event of a short circuit by providing a safe path for the electric current. The appliance is equipped with a cord that has a grounding wire and grounding plug. **The plug must be inserted into a properly installed and grounded outlet.** Do not remove the ground prong from the plug.

## OPERATION OF CONTROLS

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🕒 **Delay key**

When the motor is running, press once to set a **5-minute delay**. Press again to **cancel the delay function**.

– **Power down key**

When the motor is running, press to **decrease the power level** by one step.

🔌 **ON/OFF key**

Press this key to turn power/motor on or off.

+ **Power up key**

When the motor is running, press to **increase the power level** by one step.

💡 **Light key**

Press once to **turn the lights on**. Press again to **turn the lights off**.

## MAINTENANCE

**WARNING:** Be careful of **sharp edges** on the range hood and filters during installation, cleaning, or maintenance. Always wear protective gloves to prevent cuts or injuries.

Proper maintenance ensures optimal performance and safety of the range hood.

**Important:** Always **disconnect the hood from the main power supply** before performing any maintenance.

### Baffle Filter Cleaning and Maintenance

\*Grease filters **must be cleaned regularly** to maintain ventilation performance and safety.

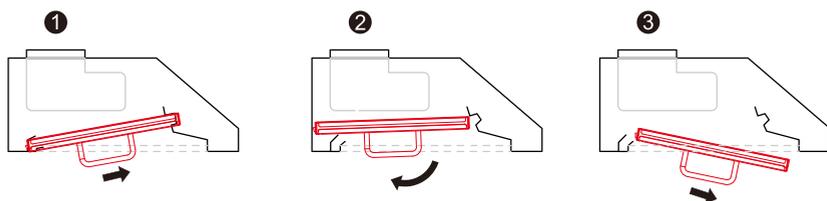
\***Cleaning Frequency:** Every two months under normal use; more frequently in high-use cooking environments.

\*Filters are **washable and reusable**.

\*Use **warm water and mild detergent** for cleaning.

**Replacement filters** are available on [thor kitchen website](#).

### Removing the Grease Filters



1. Pull the filter toward the front of the liner.
2. Pivot the rear of the filter downward.
3. Slide the filter out of the channel at the front of the liner.

### Cleaning the Filters

1. Wash filters in warm, soapy water.
2. Use a soft brush to remove grease buildup if necessary.
3. Do not bend the filters during cleaning or drying.
4. Allow the filters to dry completely before reinstalling.

### Reinstalling the Filters

1. Insert the filter into the top groove of the liner, ensuring it is properly aligned. Pull the filter towards the front using the handles.
2. Tilt the back of the filter upward so it is angled within the liner.
3. Slide the back of the filter into the channel at the rear of the liner to securely lock it in place.

## MAINTENANCE

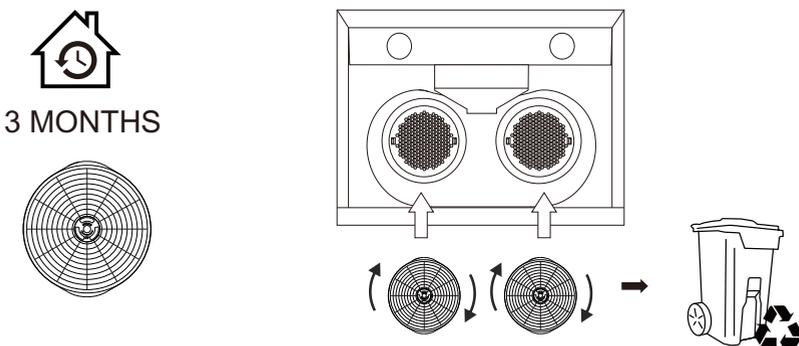
### CHARCOAL FILTER FOR DUCTLESS INSTALLATION

**Note:** Charcoal filters are **not included** and must be purchased separately.

**Charcoal filter life time:** it is recommended to **replace the charcoal filter every 3 months**. Depending on kitchen conditions, the lifespan may be shorter or longer than 3 months.

**Installation:** 1. Fix the charcoal filter into the unit and turn it as shown in the illustration.

2. Repeat the procedure on the other side.



#### Important Notes:

Ensure the filter is **securely locked**. A loose filter may cause abnormal noise or pose a safety hazard.

Using a charcoal filter may **reduce the airflow** of the range hood.

### LED BULBS

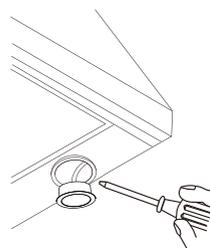
This range hood may require two DC12V 1.5W LED.

**WARNING:** Always **switch off the electrical supply** before performing any work on the appliance.

To Change the Bulbs:

1. Switch off power and wait at least **5 minutes** for the bulbs to cool.
2. Wear gloves and remove the bulb by pulling it sideways, following the directional instructions.
3. Replace with **DC12V 1.5W LED bulbs**.

**CAUTION:** The surface of the bulbs may be hot. Take care when removing or replacing bulbs.



# MAINTENANCE

## Range Hood Care & Cleaning Instructions

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Regular cleaning is essential to maintain performance, ensure safety, and preserve the finish. Always ensure the hood is **turned off and cool** before cleaning.

### Stainless Steel Surfaces

- \*Use **warm water and mild detergent** or dish soap for general cleaning.
- \*Rinse thoroughly with clean water and **dry immediately** with a soft, lint-free cloth to prevent water spots or streaks.
- \*For stubborn residue, use a **non-abrasive stainless steel cleaner** or polish with a soft cloth.
- \*Always clean in the **direction of the grain** (brushed lines) to maintain a uniform finish.
- \***Do not** use steel wool, abrasive scrub pads, or harsh chemicals (e.g, bleach or ammonia)

If exposed to salt, acidic food, or cleaning products, rinse and dry promptly to prevent corrosion.

### Painted or Coated Surfaces

- \*Use **warm water and mild detergent** only.

### Additional Cleaning Reminders

- \***Do not spray cleaners directly** onto the hood; apply to a cloth first.
- \*Clean regularly to prevent grease buildup, which can reduce performance and create a fire hazard.
- \*Do not allow grease or cleaning residue to remain on surfaces for long periods.

## DISPOSAL INSTRUCTIONS

- \*Do **not** dispose of this product with unsorted municipal waste.
- \*Follow **local regulations** for the disposal or recycling of electrical and electronic equipment.



## Warranty&Service

This appliance has been manufactured by Thor International, 4651 E Airport Drive, California 91761 For Customer Service, please call (877) 288 - 8099

For the most up to date warranty and service policy, please refer to our website

[WWW.THORKITCHEN.COM/WARRANTY-REGISTRATION](http://WWW.THORKITCHEN.COM/WARRANTY-REGISTRATION)

For in-warranty service requests, please visit our website at [WWW.THORKITCHEN.COM/SERVICE](http://WWW.THORKITCHEN.COM/SERVICE)

**Please Note:** You must provide proof of purchase or installation date for any in-warranty service requests

# WELCOME TO THE CLUB

You chose THOR Kitchen to enhance your culinary journey and we're stoked to have you in the club. Think of it as a secret society of really savvy people, such as yourself, choosing professional power and performance at an affordable price.



Register your product by following the steps below.

## WARRANTY REGISTRATION



01

Scan the QR code or visit  
[thorkitchen.com/warranty](https://thorkitchen.com/warranty)



02

Input your product info  
and select register



03

You're done.  
Let's get cook in'.

### WARRANTY



### NEED PARTS?

