



# INSTALLATION INSTRUCTIONS

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30 inch Built-In  
Professional Microwave  
Speed Oven with Airfry  
TM030

INSTALLATION MANUAL

**30 INCH BUILT-IN  
PROFESSIONAL  
MICROWAVE SPEED  
OVEN WITH AIRFRY**

**TMO30**

**THCR**  
KITCHEN®

# TABLE OF CONTENTS

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## 1 Safety Warnings

1.1	Precautions To Avoid Possible Exposure To Excessive Microwave Energy	1
1.2	Specifications	1
1.3	Important Safety Instructions	1-3
1.4	Grounding Instructions	3-4
1.5	Radio Interference	4
1.6	Utensils	5
1.7	Materials You Can Use In Microwave Oven	5-6
1.8	Materials To Be Avoided I Microwave Oven	6
1.9	Causes Of Damage	7

## 2 Product Installation

2.1	Important Information	8
2.2	Before You Begin	8
2.3	Checklist For Installation	9
2.3	Installation Instructions	9-10

## 3 Warranty

11

# 1 SAFETY WARNINGS

## 1.1 PRECAUTIONS TO AVOID POSSIBLE EXPOSURE TO EXCESSIVE MICROWAVE ENERGY

- Do not attempt to operate this oven with the door open since open door operation can result in harmful exposure to microwave energy. It is important not to defeat or tamper with the safety interlocks.
- Do not place any object between the oven front face and the door or allows soil or cleaner residue to accumulate on sealing surfaces.
- Do not operate the oven if it is damaged. It is particularly important that the oven door close properly and that there is no damage to the:
  - DOOR (bent)
  - HINGES AND LATCHES (broken or loosened)
  - DOOR SEALS AND SEALING SURFACES
- The oven should not be adjusted or repaired by anyone except properly qualified service personnel.

## 1.2 SPECIFICATIONS

Model:	TMO30
Rated Voltage	120 V~ 60 Hz
Microwave Input	1750 W
Microwave Output	1000 W
Grill	1750 W
Convection	1700 W

## 1.3 IMPORTANT SAFETY INSTRUCTIONS

When using electrical appliances basic safety precautions should be followed, including the following:

**WARNING** - To reduce the risk of burns, electric shock, fire, injury to persons or exposure to excessive microwave energy:

- Read all instructions before using the appliance.
- Read and follow the specific: "PRECAUTIONS TO AVOID POSSIBLE EXPOSURE TO EXCESSIVE MICROWAVE ENERGY" found on page 1.

# 1 SAFETY WARNINGS

- This appliance must be grounded. Connect only to properly grounded outlet. See "GROUNDING INSTRUCTIONS" found on page 3.
- Install or locate this appliance only in accordance with the provided installation instructions.
- Some products such as whole eggs and sealed containers - for example, closed glass jars - are able to explode and should not be heated in this oven.
- Use this appliance only for its intended use as described in the manual. Do not use corrosive chemicals or vapors in this appliance. This type of oven is specifically designed to heat, cook or dry food. It is not designed for industrial or laboratory use.
- As with any appliance, close supervision is necessary when used by children.
- Do not operate this appliance if it has a damaged cord or plug, if it is not working properly, or if it has been damaged or dropped.
- This appliance should be serviced only by qualified service personnel. Contact nearest authorized service facility for examination, repair, or adjustment.
- Do not cover or block any openings on the appliance.
- Do not store this appliance outdoors. Do not use this product near water - for example, near a kitchen sink, in a wet basement, near a swimming pool, or similar location.
- Do not immerse cord or plug in water.
- Keep cord away from heated surface.
- Do not let cord hang over edge of table or counter.
- When cleaning surfaces of door and oven that comes together on closing the door, use only mild, nonabrasive soaps, or detergent applied with a sponge or soft cloth.
- To reduce the risk of fire in the oven cavity:
  - Do not overcook food. Carefully attend appliance when paper, plastic, or other combustible materials are placed inside the oven to facilitate cooking.
  - Remove wire twist-ties from paper or plastic bag before placing bag in oven.
  - If material inside of the oven ignites, keep oven door closed, turn oven off, and disconnect the power cord, or shut off power at the fuse or circuit breaker panel.
  - Do not use the cavity for storage purposes. Do not leave paper products, cooking utensils, or food in the cavity when not in use.
- Liquids, such as water, coffee, or tea are able to be overheated beyond the boiling point without appearing to be boiling. Visible bubbling or boiling when the container is removed from the microwave oven is not always present. THIS COULD RESULT IN VERY HOT LIQUID SUDDENLY BOILING OVER WHEN THE CONTAINER IS DISTURBED OR A UTENSIL IS INSERTED INTO THE LIQUID. To reduce the risk of injury to persons:

# 1 SAFETY WARNINGS

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- Do not overheat the liquid.
- Stir the liquid both before and halfway through heating it.
- Do not use straight-sided containers with narrow necks.
- After heating, allow the container to stand in the microwave oven for a short time before removing the container.
- Use extreme care when inserting a spoon or other utensil into the container.
- Do not operate any heating or cooking appliance beneath the appliance. (Exception: A microwave oven investigated for use above another heating appliance.)
- Do not mount unit over or near any portion of heating or cooking appliance. (Exception: A microwave oven investigated for use above another heating appliance.)
- Do not mount over sink.
- Do not store anything directly on top of the appliance surface when the appliance is in operation.
- Oversized food or oversized metal utensils should not be inserted in a microwave/toaster oven as they may create a fire or risk of electric shock.
- Do not clean with metal scouring pads. Pieces can burn off the pad and touch electrical parts involving a risk of electric shock.
- Do not use paper products when appliance is operated in the toaster mode.
- Do not store any materials, other than manufacturer's recommended accessories, in this oven when not in use.
- Do not cover racks or any other part of the oven with metal foil. This will cause overheating of the oven.

## SAVE THESE INSTRUCTIONS

### 1.4 GROUNDING INSTRUCTIONS

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 use of the grounding can result in a risk of electric shock. Consult a qualified electrician or serviceman if the grounding instructions are not completely understood, or if doubt exists as to whether the appliance is properly grounded. If it is necessary to use an extension cord, use only a 3-wire extension

# 1 SAFETY WARNINGS

cord that has a 3-blade grounded plug, and 3-slot receptacle that will accept the plug on the appliance. The marked rating of the extension cord shall be equal to or greater than the electrical rating of the appliance.

## DANGER - Electric Shock Hazard

Touching some of the internal components can cause serious personal injury or death. Do not disassemble this appliance.

## WARNING - Electric Shock Hazard

Improper use of the grounding can result in electric shock. Do not plug into an outlet until appliance is properly installed and grounded.

- A short power-supply cord is provided to reduce the risks resulting from becoming entangled in or tripping over a longer cord.
- Longer cord sets or extension cords are available and may be used if care is exercised in their use.
- If a long cord or extension cord is used:
  - The marked electrical rating of the cord set or extension cord should be at least as great as the electrical rating of the appliance.
  - The extension cord must be a grounding-type 3-wire cord.
  - The longer cord should be arranged so that it will not drape over the counter top or tabletop where it can be pulled on by children or tripped over unintentionally.

## 1.5 RADIO INTERFERENCE

- Operation of the microwave oven may cause interference to your radio, TV or similar equipment.
- When there is interference, it may be reduced or eliminated by taking the following measures:
  - Clean door and sealing surface of the oven.
  - Reorient the receiving antenna of radio or television.
  - Relocate the microwave oven with respect to the receiver.
  - Move the microwave oven away from the receiver.
  - Plug the microwave oven into a different outlet so that microwave oven and receiver are on different branch circuits.

This device complies with part 18 of the FCC Rules.

# 1 SAFETY WARNINGS

## 1.6 UTENSILS

### CAUTION - Personal Injury Hazard

Tightly-closed utensils could explode. Closed containers should be opened and plastic pouches should be pierced before cooking.

See the instructions on "Materials you can use in microwave oven or to be avoided in microwave oven."

There may be certain non-metallic utensils that are not safe to use for microwaving. If in doubt, you can test the utensil in question following the procedure below.

#### Utensil Test:

- Fill a microwave-safe container with 1 cup of cold water (250ml) along with the utensil in question.
- Cook on maximum power for 1 minute.
- Carefully feel the utensil. If the empty utensil is warm, do not use it for microwave cooking.
- Do not exceed 1 minute cooking time.

## 1.7 MATERIALS YOU CAN USE IN MICROWAVE OVEN

Utensils	Remarks
Browning dish	Follow manufacturer's instructions. The bottom of browning dish must be at least 3/16 inch (5mm) above the turntable. Incorrect usage may cause the turntable to break.
Dinnerware	Microwave-safe only. Follow manufacturer's instructions. Do not use cracked or chipped dishes.
Glass jars	Always remove lid. Use only to heat food until just warm. Most glass jars are not heat resistant and may break.
Glassware	Heat-resistant oven glassware only. Make sure there is no metallic trim. Do not use cracked or chipped dishes.
Oven cooking bags	Follow manufacturer's instructions. Do not close with metal tie. Make slits to allow steam to escape.
Paper plates and cups	Use for short-term cooking/warming only. Do not leave oven unattended while cooking.

# 1 SAFETY WARNINGS

Paper towels	Use to cover food for reheating and absorbing fat. Use with supervision for a short-term cooking only.
Parchment paper	Use as a cover to prevent splattering or a wrap for steaming.
Plastic	Microwave-safe only. Follow the manufacturer's instructions. Should be labeled "Microwave Safe". Some plastic containers soften, as the food inside gets hot. "Boiling bags" and tightly closed plastic bags should be slit, pierced or vented as directed by package.
Plastic wrap	Microwave-safe only. Use to cover food during cooking to retain moisture. Do not allow plastic wrap to touch food.
Thermometers	Microwave-safe only ( meat and candy thermometers).
Wax paper	Use as a cover to prevent splattering and retain moisture.

## 1.8 MATERIALS TO BE AVOIDED IN MICROWAVE OVEN

Utensils	Remarks
Aluminum tray	May cause arcing. Transfer food into microwave-safe dish.
Food carton with metal handle	May cause arcing. Transfer food into microwave-safe dish.
Metal or metal-trimmed utensils	Metal shields the food from microwave energy. Metal trim may cause arcing.
Metal twist ties	May cause arcing and could cause a fire in the oven.
Paper bags	May cause a fire in the oven.
Plastic foam	Plastic foam may melt or contaminate the liquid inside when exposed to high temperature.
Wood	Wood will dry out when used in the microwave oven and may split or crack.

# 1 SAFETY WARNINGS

## 1.9 CAUSES OF DAMAGE

### Caution!

- Creation of sparks: Metal e.g. a spoon in a glass must be kept at least 2 cm from the oven walls and the inside of the door. Sparks could irreparably damage the glass on the inside of the door.
- Water in the hot cooking compartment: Never pour water into the hot cooking compartment. This will cause steam. The temperature change can cause damage.
- Moist food: Do not store moist food in the closed cooking compartment for long periods.  
Do not use the appliance to store food. This can lead to corrosion.
- Cooling with the appliance door open: Only leave the cooking compartment to cool with the door closed. Do not trap anything in the appliance door. Even if the door is only slightly ajar, the fronts of adjacent units may be damaged over time.
- Heavily soiled seal: If the seal is very dirty, the appliance door will no longer close properly during operation. The fronts of adjacent units could be damaged. Always keep the seal clean.
- Operating the microwave without food: Operating the appliance without food in the cooking compartment may lead to overloading. Never switch on the appliance unless there is food in the cooking compartment. An exception to this rule is a short crockery test (see the section "Microwave, suitable crockery").
- Using the appliance door for standing on or placing objects on: Do not stand or place anything on the open appliance door. Do not place ovenware or accessories on the appliance door.
- Transporting the appliance: Do not carry or hold the appliance by the door handle. The door handle cannot support the weight of the appliance and could break.
- Microwave popcorn: Never set the microwave power too high. Use a power setting no higher than 600 watts. Always place the popcorn bag on a glass plate. The disc may jump if overloaded.
- Liquid that has boiled over must not be allowed to run through the turntable drive into the interior of the appliance. Monitor the cooking process. Choose a shorter cooking time initially, and increase the cooking time as required.
- The oven should be cleaned regularly and any food deposits removed since they may explode, even after microwave heating has ended.
- Failure to maintain the oven in a clean condition could lead to deterioration of the surface that could adversely affect the life of the appliance and possibly result in a hazardous situation.

# 2 PRODUCT INSTALLATION

## 2.1 IMPORTANT INFORMATION

### **Electrical connection with plug** (only for some models, subject to our products)

The appliance is fitted with a plug and must only be connected to a properly installed earthed socket. Only a qualified electrician who takes the appropriate regulations into account may install the socket or replace the connecting cable. If the plug is no longer accessible following installation, an all-pole isolating switch must be present on the installation side with a contact gap of at least 3 mm. Contact protection must be ensured by the installation. Fuse protection: see instructions for use-technical data.

### **Electrical connection without plug** (only for some models, subject to our products)

The appliance is designed to be permanently installed with a three-pin power cord and may only be connected by a licensed expert in accordance with the connection diagram.

Only a qualified electrician who takes the relevant regulations into account may replace the power cord.

Do not use multiple plugs, power strips or extensions. Overloading causes a risk of fire.

If the connection is no longer accessible following installation, an all-pin isolating switch with a contact gap of at least 3 mm must be provided.

### **Connect the wires of the mains power cord in accordance with the following colour coding:**

Green and yellow Earth wire < (E)

Blue Neutral wire (N)

Brown Live (L)

### **Great Britain and Australia:**

Do not connect the appliance using a 13 A plug or protect it with a 13 A fuse. The appliance must be protected using a fuse that is rated 16 A or higher. The appliance must be disconnected from the power supply during all installation work.

When the appliance is installed, protection must be provided against accidental contact in the future.

## 2.2 BEFORE YOU BEGIN

### **Tools and parts needed**

- Philips head screwdriver
- 1/8" drill bit and drill
- Measuring tape
- Knife

### **Parts included**

- Microwave oven
- Philips head screws

### **Power Requirements**

The outlet must be properly grounded in accordance with all applicable codes.

It can be installed in the back wall directly behind the appliance.

## 2.3 CHECKLIST FOR INSTALLATION

Use this checklist to verify that you have completed each step of the installation process. This can help you avoid mistakes.

Refer to detailed instructions for each step in the sections following this checklist.

1. Before installing the appliance, be sure to verify the cabinet dimensions are correct for your appliance and that the required electrical connections are present. Make sure the electrical conduit provided on the appliance is able to reach to the point of connection.
2. Move the appliance into place in front of the cabinet opening.
3. Remove packaging materials, leaving the bottom packaging on the appliance to avoid damage to the floor.
4. Team-lift the appliance directly into the cabinet cutout.
5. Slide the appliance all the way into place.
6. Fasten the appliance to the cabinet opening with the screws supplied.

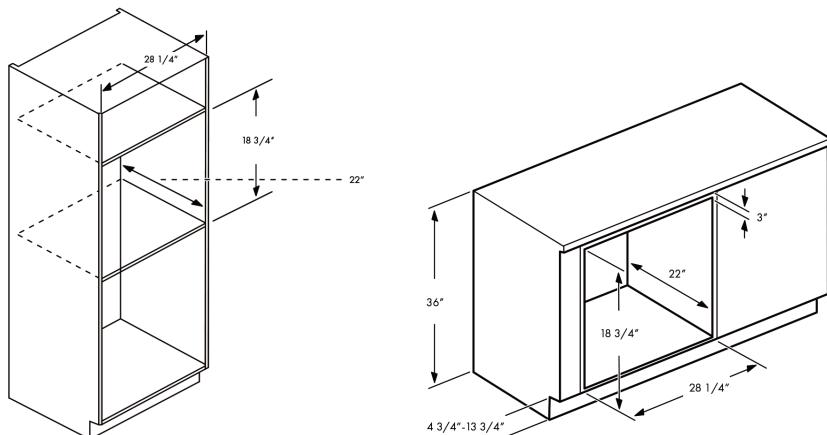
Always read and follow the complete installation instructions contained in this manual.

# 2 PRODUCT INSTALLATION

## 2.4 INSTALLATION INSTRUCTIONS

### GENERAL CABINET REQUIREMENTS:

- 1/4" space is required between the side of the appliance and an adjacent wall or cabinet door when installed at the end of a cabinet run.
- The cabinet base must be flat and capable of supporting the weight (roughly 90 pounds) of your appliance when in use.
- The appliance door will overlap the furniture below by approx 3/16" when opened.
- There must be an air gap of at least 1/4" between the appliance and the cabinet walls when the appliance is installed, i.e. 1/8" each side.

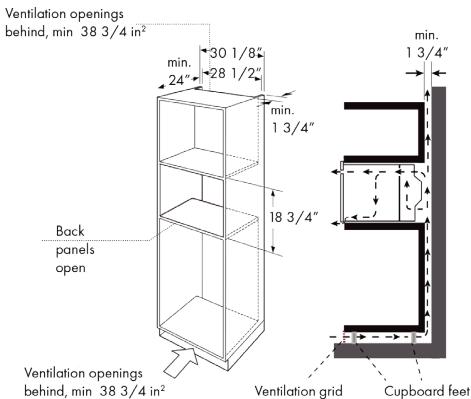


### VENTILATED CABINET

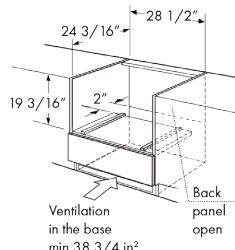
- This appliance is only intended to be fully fitted in a kitchen. This appliance is not designed to be used as a tabletop appliance or inside a cupboard.
- The fitted cabinet must not have a back wall behind the appliance.
- A gap of at least 1 3/4" must be maintained between the wall and the base or back panel of the unit above.
- The fitted cabinet must have a ventilation opening of 38 3/4 in<sup>2</sup> in the base. To achieve this, cut back the base panel or fit a ventilation grill.
- Ventilation slots and intakes must not be covered.
- The safe operation of this appliance can only be guaranteed if it has been installed in accordance with these installation instructions.
- The units into which the appliance is fitted must be heat-resistant up to 194°F.
- Note: There should be a minimum 1/16" gap above the oven.

# 2 PRODUCT INSTALLATION

## Wall Cabinet

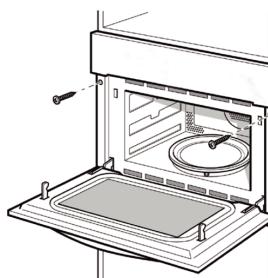
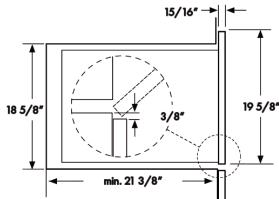
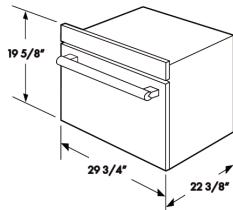


## Countertop/Island



Note: There should be a gap above the oven.

## BUILT-IN



- Carefully push the microwave into the cabinetry, making sure that it is in the center.
- Do not kink the electrical cable.
- Open the door and fasten the microwave with the screws that were supplied.



WARNING: The gap between the worktop and the appliance must not be closed by additional battens.

## WARNING

### MOUNT TO CABINET

NOTE: The appliance is heavy. It is advisable to install it with a second person.



NOTICE: Before installing the appliance, be sure to verify the cabinet dimensions and electrical connections.

1. Fully insert the appliance and center it. Do not kink the electrical cable.
2. Screw the appliance into pre-drilled holes in the cabinetry.

# 7 WARRANTY

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## Warranty&Service

This product has been manufactured by Thor Group, 4651 E Airport Dr, Ontario, CA 91761

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**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**

# We Stand Behind the Quality of Our Appliances.



Reliability and customer satisfaction are our top priorities. We offer a solid two-year warranty on both parts and labor. Enjoy professional-grade performance with the confidence that we've got you covered.

## Warranty Registration Made Easy.

**01** Scan the QR Code or visit [thorkitchen.com/register-your-product](http://thorkitchen.com/register-your-product).



WARRANTY

**02** Input your purchase and product information and select register.



PARTS

**03** That's it. You're all set. Enjoy!

Questions: [service@thorinternational.com](mailto:service@thorinternational.com)

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