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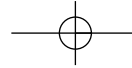
# HAMILTON BEACH 31230 Owner's Manual

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----- Manual continues below -----



**READ BEFORE USE**  
**LIRE AVANT UTILISATION**  
**LEA ANTES DE USAR**

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**Questions?**

Please call us – our friendly associates are ready to help.  
USA: 1.800.851.8900

**Questions?**

N'hésitez pas à nous appeler – nos associés s'empresseront de vous aider.  
CAN: 1.800.267.2826

**¿Preguntas?**

Por favor llámenos – nuestros amables representantes están listos para ayudar.  
MEX: 01 800 71 16 100

*Le invitamos a leer cuidadosamente este instructivo antes de usar su aparato.*



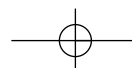
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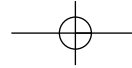
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## ⚠ WARNING



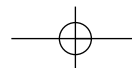
### Fire Hazard.

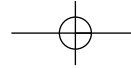
- If contents ignite, do not open oven door. Unplug oven and allow contents to stop burning and opening door.
- Do not operate unattended while in Toast or Broil modes.
- Do not use with oven cooking bags.
- Always allow at least one inch between food and heating element.
- Always unplug toaster oven when not in use.
- Regular cleaning reduces risk of fire hazard.

## IMPORTANT SAFEGUARDS

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

1. Read all instructions.
2. Do not touch hot surfaces. Use handles or knobs.
3. To protect against electrical shock do not immerse cord, plug, or toaster oven in water or other liquid.
4. Close supervision is necessary when any appliance is used by or near children.
5. Unplug from outlet when not in use and before cleaning. Allow to cool before cleaning appliance and putting on or taking off parts.
6. Do not operate any appliance with a damaged cord or plug, or after the appliance malfunctions or is dropped or damaged in any manner. Call our toll-free customer service number for information on examination, repair, or adjustment.
7. The use of accessory attachments not recommended by the appliance manufacturer may cause injuries.
8. Do not use outdoors.
9. Do not let cord hang over edge of table or counter or touch hot surfaces.
10. Do not place on or near a hot gas or electric burner or in a heated oven.
11. Extreme caution must be used when moving contents containing hot oil or other hot liquids.
12. To disconnect, turn all controls to OFF; then unplug from wall outlet.
13. Use extreme caution when removing pan or tray containing grease.
14. Do not clean with metal scouring pads. Piece of metal scouring pad and touch electrical parts, creating a risk of fire.
15. Oversize foods or metal utensils must not be used in toaster oven as they may create a fire or risk of injury.
16. A fire may occur if the toaster oven is covered with flammable material, including curtains, drapes, or clothing like, when in operation. Do not store any items in or on the appliance when in operation or before the appliance has cooled.
17. Extreme caution should be exercised when cleaning. Do not use materials other than metal or glass.
18. Do not store any materials, other than manufacturer's accessories, in this oven when not in use.





19. Do not place any of the following materials in the oven: paper, cardboard, plastic, and the like.
20. Do not cover crumb tray or any part of the oven with metal foil. This will cause overheating of the oven.
21. To turn oven off, press the STOP button. See "Parts and Features" section.

22. Do not place eyes or face in close proximity safety glass door, in the event that the safety glass door breaks.
23. Always use appliance with crumb tray secured.
24. Do not use appliance for other than intended use.
25. Clean oven interior carefully. Do not scratch element tube.

## SAVE THESE INSTRUCTIONS!

### OTHER CONSUMER SAFETY INFORMATION

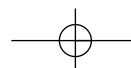
**This appliance is intended for household use only.**

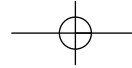
**WARNING! Shock Hazard:** This appliance has a polarized plug (one wide blade) that reduces the risk of electric shock. The plug fits only one way into a polarized outlet. Do not defeat the safety purpose of the plug by modifying the plug in any way or using an adapter. If the plug does not fit, reverse the plug. If it still does not fit, have an electrician replace the outlet.

The length of the cord used on this appliance was selected to reduce the hazards of becoming tangled in or tripping over a longer cord. If a longer cord is necessary, an approved extension cord may be used. The electrical rating of the extension cord must be equal to or greater than the rating of the appliance. Care must be taken to arrange the extension cord so that it will not drape over the countertop or tabletop where it can be pulled on by children or accidentally tripped over.

This appliance is equipped with a fully tempered safety glass door. The tempered glass is four times stronger than regular glass and is more resistant to breakage. Tempered glass can break into pieces with no sharp edges. Care must be taken to avoid scratching door surface or nicking edges. If the door is scratched or nicked, call our toll-free customer service number.

Always unplug your toaster oven from the outlet when not in use.



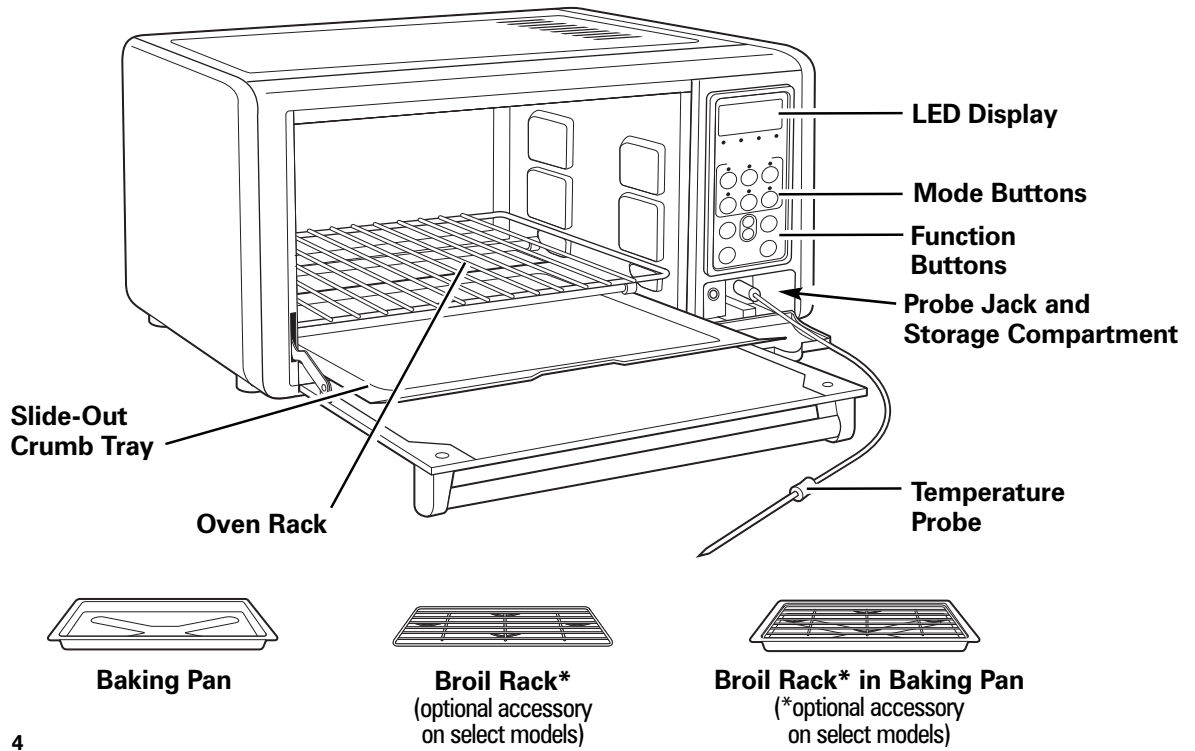


# Parts and Features

## Before First Use

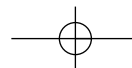
Most heating appliances produce an odor and/or smoke during initial preheating. Plug unit into outlet. Press BAKE button. Use UP arrow to set temperature to 450°F; then press TIMER button and set time. Preheat for approximately 5 minutes. The odor should disappear after initial preheating. **Wash baking pan, broil rack\*, and**

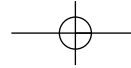
**NOTE:** \*Broil rack is an optional accessory on select models.



BROIL/

BA



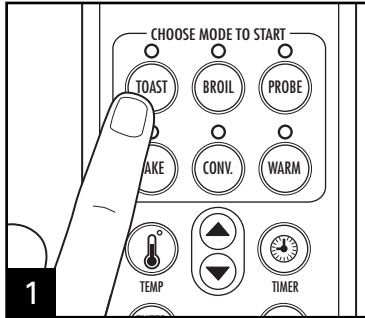


# How to Toast

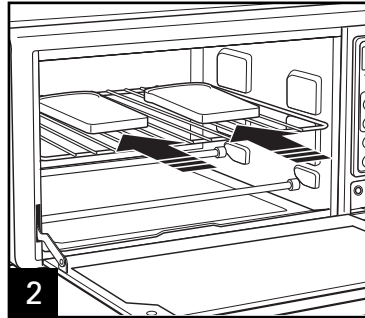
**⚠ WARNING Fire Hazard.**

- If contents ignite, do not open oven door. Unplug oven and allow contents to stop burning and cool before opening door.
- Do not leave appliance unattended when in operation.
- Always unplug toaster oven when not in use.

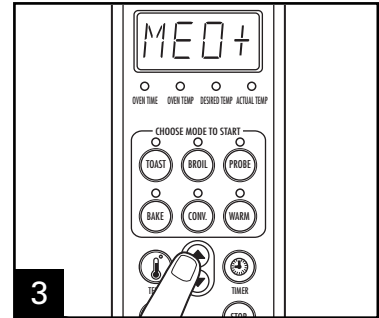
Before first use: Wash all removable parts in warm, soapy water and dry thoroughly.



**1** Press TOAST button. The LED display will read "CNTR RACK"—this is a prompt to center the rack in the oven for best toasting results.



**2** Place food into oven. **NOTE:** MED is the default toast shade. After first use, the last shade selected will be the default.

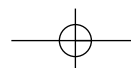
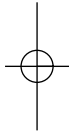


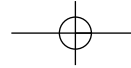
**3** Press the up/down buttons if a different toast shade is desired. Choose from LITE, LT+, MED, MED+, and DARK.



**4** Once a shade is selected, press the ENTER/START button to begin the toasting cycle. The toast shade may be adjusted during the toasting cycle by pressing the up/down buttons.

- To toast frozen pastry or waffles, select a light color and toast directly on oven rack. If pastry has a glaze or frosting, use baking pan to prevent dripping.
- The number of slices of bread, the bread freshness, and the starting temperature of the oven will affect toast color. Adjust the toast shade to achieve the desired color.
- When toasting, condensation may form on oven door. A toaster is open and allows moisture to escape. A toaster oven is a closed space and so moisture is slow to escape. This is normal.
- At the end of the toast cycle, remove toast immediately or the heat remaining in the toaster oven will continue to cook and dry out your toast.



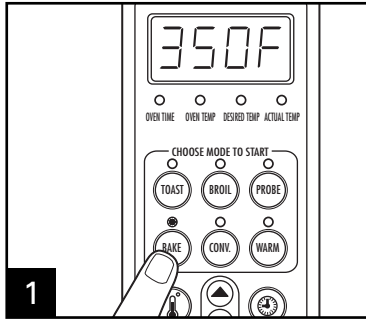


# How to Bake

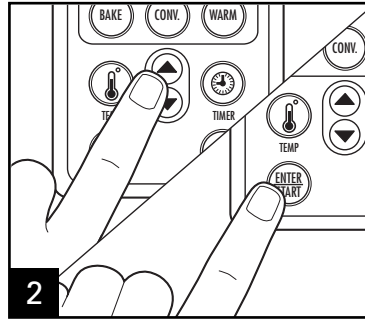
## **WARNING** Fire Hazard.

- If contents ignite, do not open oven door. Unplug oven and allow contents to stop burning and cool before opening door.

- Do not use oven cooking...
- Always allow at least c... and heating element.
- Always unplug toaster o...

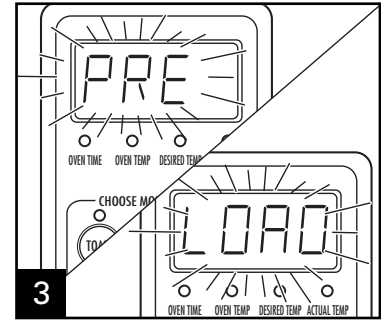


Press BAKE button. The LED display will read "350F" or the last temperature selected in bake mode.



Press the up/down buttons if a different temperature is desired (between 200° and 450°F). Once a temperature is selected, press ENTER/START.

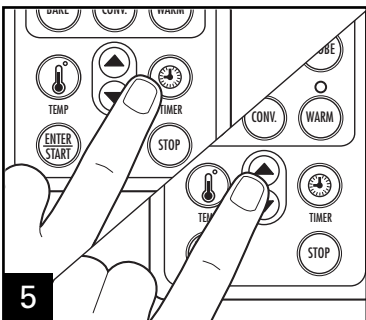
**NOTE:** 350° is the default bake temperature. After first use, the last temperature selected will be the default.



The oven will turn on and begin to heat - this will be evident as the LED display will flash "PRE" and then "HEAT." A beep will sound when preheated, and the LED display will flash "LOAD" and then "FOOD."

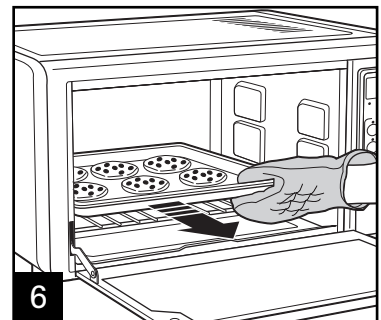


Place food into

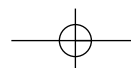


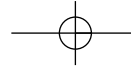
If desired, press TIMER button to set bake time. The LED will default to 30 minutes and display "0:30." Press the up/down buttons to set the desired baking time in 1 minute increments, or simply hold the button down longer to scroll in 10 minute increments.

Once a bake time has been selected, press ENTER/START.



The timer will beep when baking is complete. Food can be removed using oven mitts. **NOTE:** The oven has a two-hour auto shut-off timer. If the timer is selected, the count down from the heat time, then...





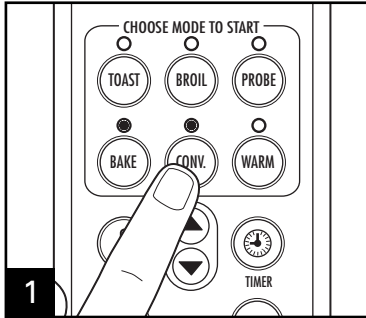
# Convection Bake

(on select models)

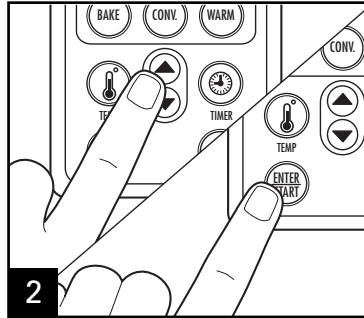
**⚠ WARNING Fire Hazard.**

- If contents ignite, do not open oven door. Unplug oven and allow contents to stop burning and cool before opening door.

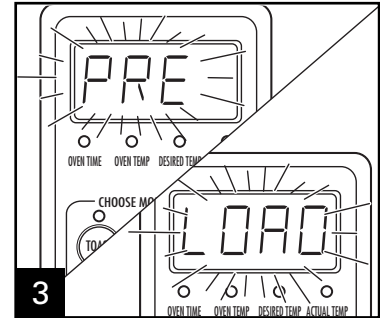
- Do not use oven...
- Always allow at le...
- Always unplug toas...



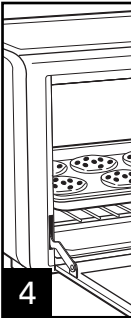
**1** Press CONV button. Both the BAKE and CONV lights will illuminate.



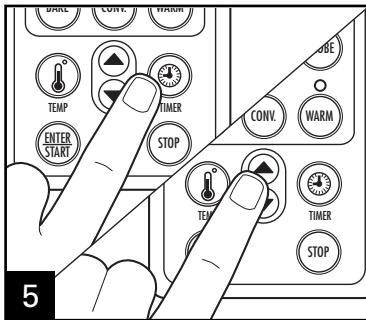
**2** Press the up/down buttons if a different temperature is desired (between 200° and 450°F). Once a temperature is selected, press ENTER/START.



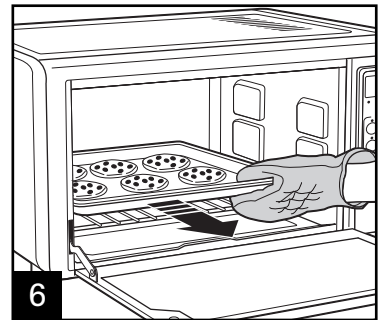
**3** The oven will turn on and begin to heat—this will be evident as the LED display will flash “PRE” and then “HEAT.” A beep will sound when preheated, and the LED display will flash “LOAD” and then “FOOD.”



**4** Place food into

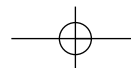


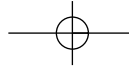
**5** Press TIMER button to set bake time. The LED will default to 30 minutes and display “0:30.” Press the up/down buttons to set the desired baking time in 1 minute increments, or simply hold the button down longer to scroll in 10 minute increments. Once a bake time has been selected, press ENTER/START.



**6**

The timer will beep when baking food using oven. Let when finished. **NOTE:** The oven's hour auto shut-off selected, the oven will shut down from 2 hours time, then shut





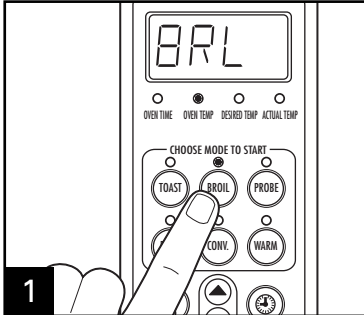
# How to Broil

**WARNING**

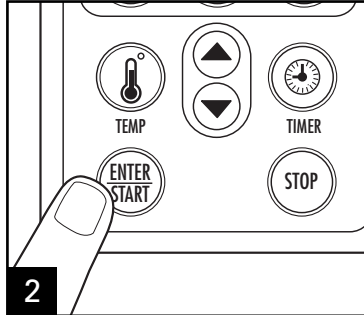
### Fire Hazard.

- If contents ignite, do not open oven door. Unplug oven and allow contents to stop burning and cool before opening door.

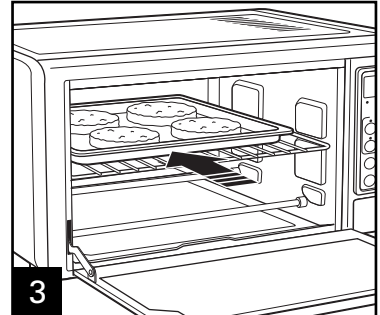
- Do not leave oven unattended.
- Keep one inch between broiler racks.
- Do not use oven cooking racks for broiling.
- Do not heat foods in plastic.
- Follow food manufacturer's instructions.



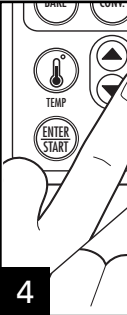
**1** Press BROIL button. The LED display will read "BRL."



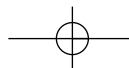
**2** Press ENTER/START. The oven will begin heating at highest temperature setting.



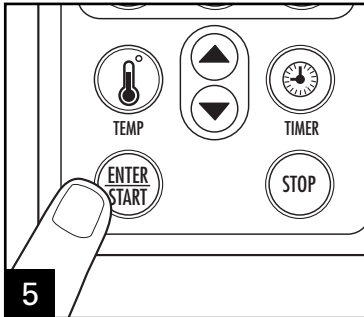
**3** Place food into oven using broil rack.



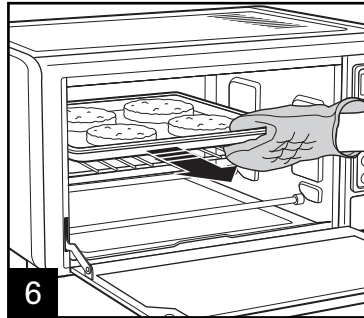
**4** If desired, press the broil time button. The LED display will show the minutes in broil time. Press "0:20." Press the broil time button to set the desired broil time. Press the broil time button to set longer increments, or the broil time button to set shorter increments.



## How to Broil (cont.)



Once a broil time has been selected, press ENTER/START. The timer will begin to count down and beep when finished.



Remove food using oven mitts. Unplug from outlet when finished.

**NOTE:** The oven is equipped with a two-hour auto shutoff timer. The unit will begin to count down from 2 hours, including preheat time, then shut off.

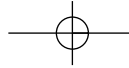
FOOD	APPROX. BROIL TIME
1/4 lb. Hamburgers	30 minutes
Hot Dogs	15 minutes
Sausage Links or Patties (pierce casings before cooking)	15 to 20 minutes
Fish	15 minutes

These cooking times are an average and should be adjusted to individual preferences. Turn foods halfway through cooking time.

**NOTE:** Turn Sausage Links or Patties after 3/4 of cooking time.

### NOTES:

- Cook beef and pork to at least 160°F (71°C).
- Cook chicken to at least 165°F (73°C).
- Cook fish until at least 145°F (63°C) or until opaque.
- Visit [foodsafety.gov](http://foodsafety.gov) for more safe cooking temperatures.
- In broil mode, the probe can be used to measure temperature by pressing the PROBE button. The temperature will be displayed in seconds.

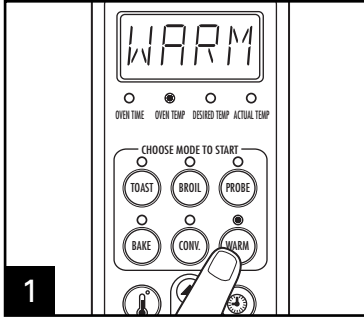


# How to Warm

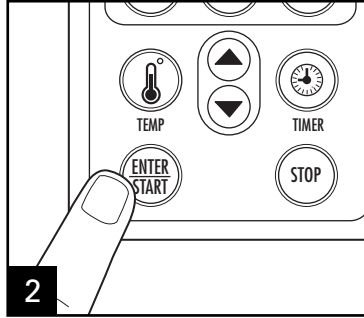
## **⚠ WARNING** Fire Hazard.

- If contents ignite, do not open oven door. Unplug oven and allow contents to stop burning and cool before opening door.

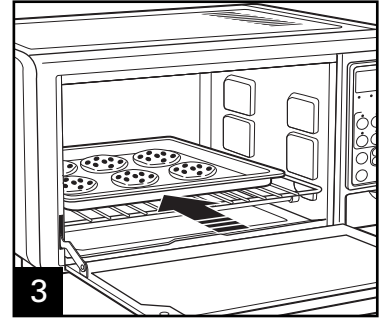
- Do not use oven co
- Always allow at lea
- and heating elemen
- Always unplug toast



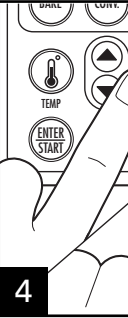
**1** Press WARM button. The LED display will read "WARM." **NOTE:** If you would like the oven to keep your food warm after cooking/baking using the BAKE, CONVECTION or PROBE modes, simply press the WARM button at any time during the cooking/baking cycle. Once the set cooking time has elapsed, the unit will switch to WARM mode for the auto default time of 2 hours.



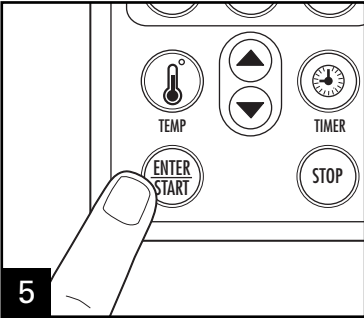
**2** Press ENTER/START. The oven will turn on and begin to heat.



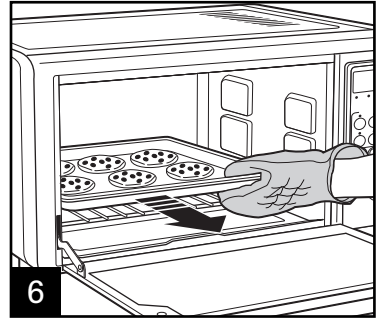
**3** Place food into oven.



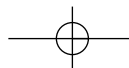
**4** Press TIMER button. The LED display will show the time. Press the up/down buttons to set the time. Press ENTER/START to start the timer. Press the up/down buttons to scroll in 10 minute increments.



**5** Once a time has been selected, press ENTER/START. The timer will begin to count down and beep when the keep warm cycle is completed.



**6** Remove food from oven. **NOTE:** The oven will auto shut off after 2 hours. The timer will begin to count down when the keep warm cycle is completed.



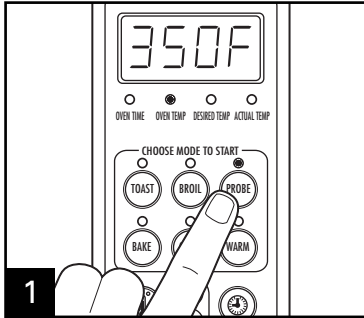
## How to Use the Probe

### ⚠ WARNING

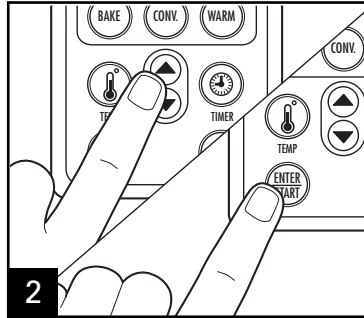
#### Fire Hazard.

- If contents ignite, do not open oven door. Unplug oven and allow contents to stop burning and cool before opening door.

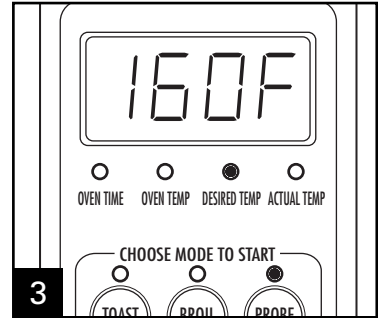
- Do not use
- Always allow
- Always unpl



1 Press PROBE button. The LED display will read "350F" or the last temperature selected in the probe mode. **NOTE:** 350° is the default temperature. After first use, the last temperature selected will be the default.



2 Press the up/down buttons if a different temperature is desired (between 200° and 450°F). Once a temperature is selected, press ENTER/START.



3 The oven will then prompt you to set the desired probe temperature. The LED display will flash "160F." **NOTE:** 160° is the default probe temperature. After first use, the last temperature selected will be the default.

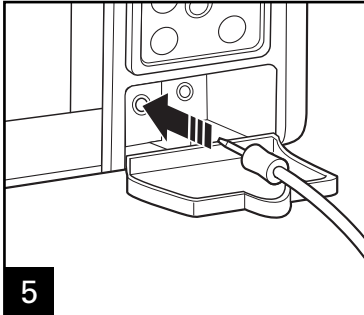


4 Press the up/down buttons to set the desired probe temperature. The LED display will flash "160F." **NOTE:** 160° is the default probe temperature. After first use, the last temperature selected will be the default.

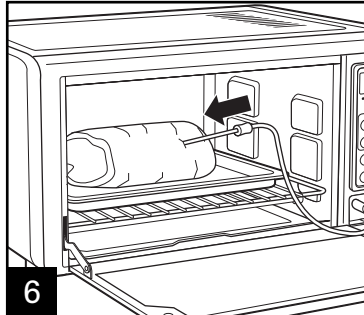
#### NOTES:

- Cook beef and pork to at least 160°F (71°C).
- Cook chicken to at least 165°F (73°C).
- Cook fish until at least 145°F (63°C) or until opaque or flakes with a fork.
- Visit [foodsafety.gov](http://foodsafety.gov) for more safe cooking temperature information.
- Probe may be used to measure temperature during bake, convection bake, broil, or warm mode by pressing the PROBE button. The temperature will display for five seconds.

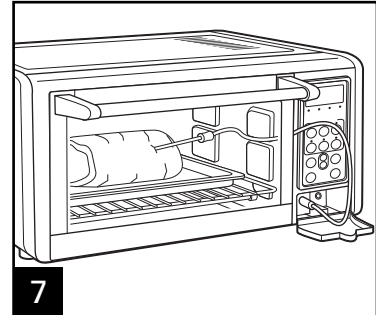
## How to Use the Probe (cont.)



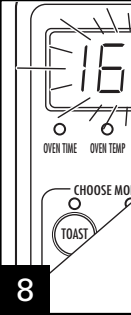
5 Plug temperature probe into jack located in probe storage area.



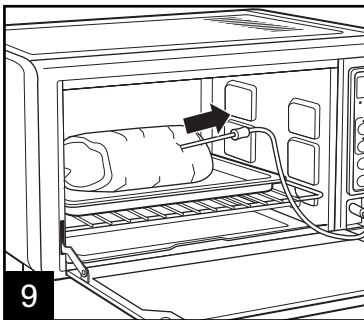
6 Place food into oven. Insert probe approximately 1 inch (25 mm) into the thickest part of the food. Ensure the probe does not touch bone, fat, or any part of the oven interior.



7 Ensure the oven door is closed before letting the unit cook.

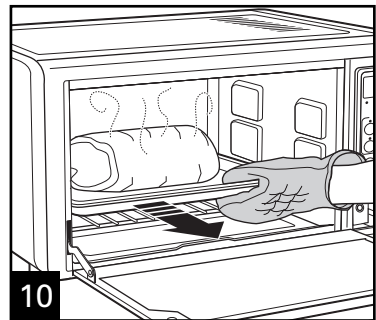


8 The LED display shows the desired food temperature. Cook until your food reaches the desired food temperature.

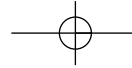


9 Unplug probe from jack; then remove meat and probe from unit using oven mitts. Probe will be hot. Unplug from outlet when finished.  
**NOTE:** The oven will automatically shut off when selected temperature is reached and probe is plugged in, unless warm mode is also selected. If probe is unplugged before selected temperature is reached, the oven will shut off two hours from when the Probe mode was selected.

Visit [www.foodsafety.gov](http://www.foodsafety.gov) for more information on safe internal cooking temperatures.



Visit [hamiltoncook.com](http://hamiltoncook.com) for recipes, tips, and product information online!



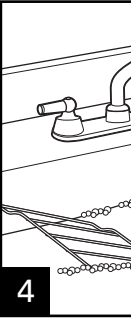
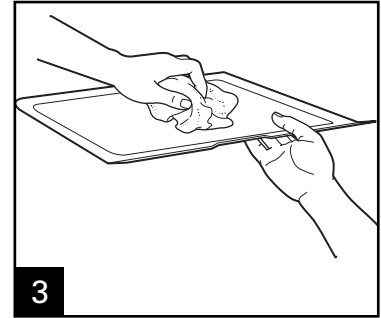
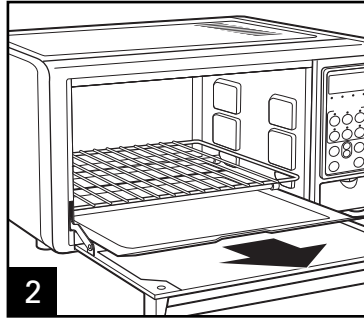
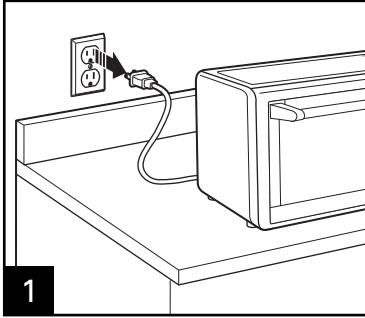
# Cleaning

**⚠ WARNING**

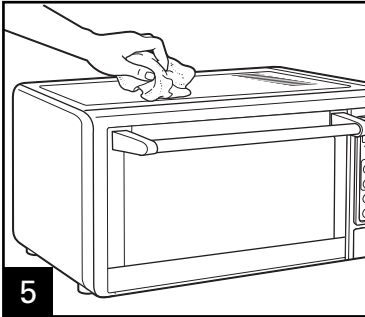
**Electrical Shock Hazard.**

Do not clean with metal scouring pads. Pieces can break off pad and touch electrical parts.  
Do not immerse the toaster oven in water.

Your toaster oven should be cleaned regularly for best performance and long life. Regular cleaning will also reduce the risk of fire hazard.



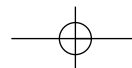
**NOTE:** Broil  
accessory or

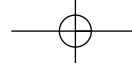


Wipe outside of oven with a damp cloth. Do not use abrasive cleansers or metal scouring pads.

To clean inside of oven, wipe oven walls, bottom of oven, and glass door with a damp, soapy cloth. Repeat with a damp, clean cloth.

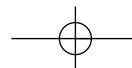
For stubborn stains, use a plastic scouring pad.

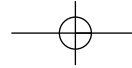




# Troubleshooting

PROBLEM	PROBABLE CAUSE/SOLUTION
<b>Oven will not heat.</b>	<ul style="list-style-type: none"> <li>• Check to make sure electrical outlet is working and the oven is plugged in.</li> </ul>
<b>Moisture forms on inside of oven door when toasting.</b>	<ul style="list-style-type: none"> <li>• This is normal when toasting in a toaster oven. Moisture is slower to escape from a toaster oven than from a toaster. The amount of moisture will differ between fresh bread, bagels, and frozen bread products.</li> </ul>
<b>An odor and smoke come from oven.</b>	<ul style="list-style-type: none"> <li>• Smoke and odor are normal during first use of most heating appliances. These will not be a problem after the initial heating period.</li> </ul>
<b>Oven will not toast.</b>	<ul style="list-style-type: none"> <li>• Check to make sure outlet is working and oven is plugged in.</li> </ul>
<b>Some foods burn and some are not done.</b>	<ul style="list-style-type: none"> <li>• Adjust oven rack position to center food in oven.</li> <li>• Adjust oven temperature or cooking time for best results with your recipes.</li> </ul>
<b>Display shows error code "ERR."</b>	<ul style="list-style-type: none"> <li>• Temperature sensor inside cavity may be defective. Call the customer service number located on the front of this Use and Care Guide.</li> </ul>
<b>Oven displays "PLUG PROBE" when it is already plugged in.</b>	<ul style="list-style-type: none"> <li>• Unplug and then replug the probe back into unit. If this still does not work, the probe may be defective. Call the customer service number located on the front cover of this Use and Care Guide.</li> </ul>





## Limited Warranty

This warranty applies to products purchased in the U.S. and Canada. This is the only express warranty for this product and any other warranty or condition.

This product is warranted to be free from defects in material and workmanship for a period of one (1) year from the date of purchase. During this period, your exclusive remedy is repair or replacement of this product or any component found to be defective at our option; however, you are responsible for all costs associated with returning the product to us and our return shipping charges. A component under this warranty to you. If the product or component is no longer available, we will replace with a similar or greater value.

This warranty does not cover glass, filters, wear from normal use, use not in conformity with the printed directions, or product resulting from accident, alteration, abuse or misuse. This warranty extends only to the original consumer purchaser or recipient. Keep the original sales receipt, as proof of purchase is required to make a warranty claim. This warranty is intended for use for other than single-family household use.

We exclude all claims for special, incidental and consequential damages caused by breach of express or implied warranty. The amount of any award is limited to the amount of the purchase price. **Every implied warranty, including any statutory warranty or condition of sale, or fitness for a particular purpose, is disclaimed except to the extent prohibited by law, in which case such warranty shall be limited to the duration of this written warranty.** This warranty gives you specific legal rights. You may have other rights depending on where you live. Some states or provinces do not allow limitations on implied warranties or special, incidental or consequential damages, so the foregoing limitations may not apply to you.

To make a warranty claim, do not return this appliance to the store. Please call 1.800.851.8900 in the U.S. or 1.800.261.8900 in Canada or visit [hamiltonbeach.com](http://hamiltonbeach.com) in the U.S. or [hamiltonbeach.ca](http://hamiltonbeach.ca) in Canada. For faster service, locate the model, type, and serial number on your appliance.

