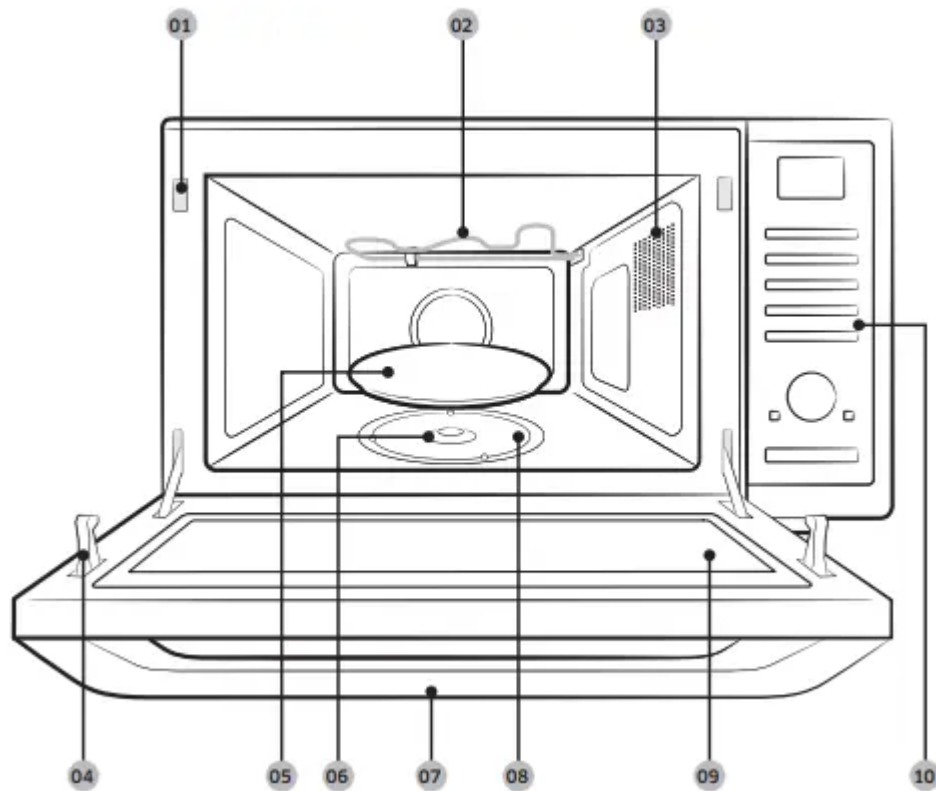


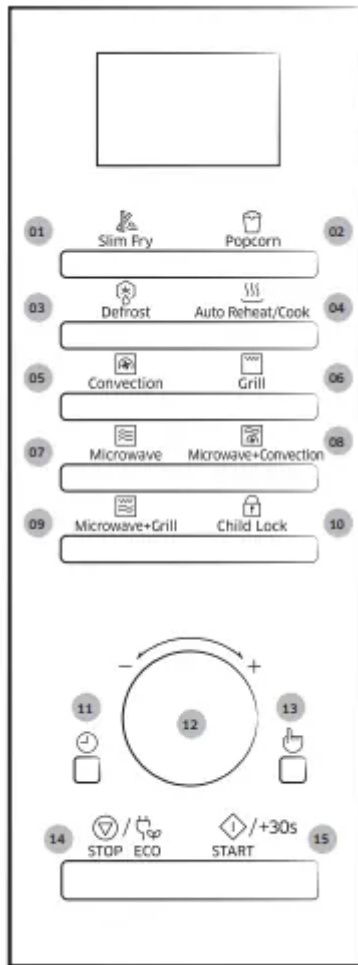
Oven features

Oven



- 01 Safety interlock holes
- 02 Heating element
- 03 Light
- 04 Door latches
- 05 Turntable
- 06 Coupler
- 07 Door Handle
- 08 Roller Ring
- 09 Door
- 10 Control panel

Control panel



- 01 Slim Fry Button
- 02 Popcorn Button
- 03 Defrost Button
- 04 Auto Reheat/Cook Button
- 05 Convection Button
- 06 Grill Button
- 07 Microwave Button
- 08 Microwave+Convection Button
- 09 Microwave+Grill Button
- 10 Child Lock Button
- 11 Clock Button
- 12 Dial
- 13 Select Button
- 14 Stop/Eco Button
- 15 Start/+30s Button

Oven use

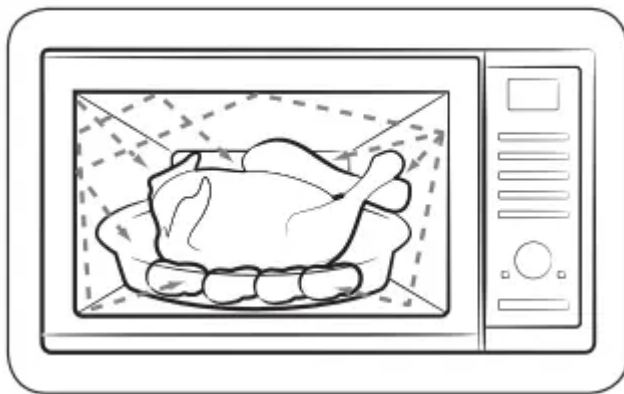
How a microwave oven works

Microwaves are high-frequency electromagnetic waves; the energy released enables food to be cooked or reheated without changing either the form or the colour.

You can use your microwave oven to:

- Defrost
- Reheat
- Cook

Cooking principle.



1. The microwaves generated by the magnetron reflected at cavity and are distributed uniformly as the food rotates on the turntable. The food is thus cooked evenly.
2. The microwaves are absorbed by the food up to a depth of about 1 inch (2.5 cm). Cooking then continues as the heat is dissipated within the food.
3. Cooking times vary according to the container used and the properties of the food:
 - Quantity and density
 - Water content
 - Initial temperature (refrigerated or not)

CAUTION As the centre of the food is cooked by heat dissipation, cooking continues even when you have taken the food out of the oven. Standing times specified in recipes and in this booklet must therefore be respected to ensure:

- Even cooking of the food right to the centre.
- The same temperature throughout the food.

Checking that your oven is operating correctly

The following simple procedure enables you to check that your oven is working correctly at all times. If you are in doubt, refer to the section entitled “Troubleshooting” on the page 41 to 44

NOTE The oven must be plugged into an appropriate wall socket. The turntable must be in position in the oven. If a power level other than the maximum (100 % - 1000 W) is used, the water takes longer to boil.

Open the oven door by pulling the handle on the right side of the door.

Place a glass of water on the turntable. Close the door.



Press the START/+30s button and set the time to 4 or 5 minutes, by pressing the START/+30s button the appropriate number of times.

Result: The oven heats the water for 4 or 5 minutes.

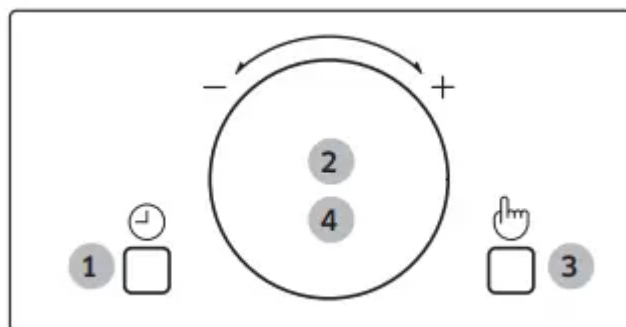
The water should then be boiling.

Setting the time

When power is supplied, “88:88” and then “12:00” is automatically displayed on the display. Please set the current time. The time can be displayed in either the 24- hour or 12-hour notation. You must set the clock:

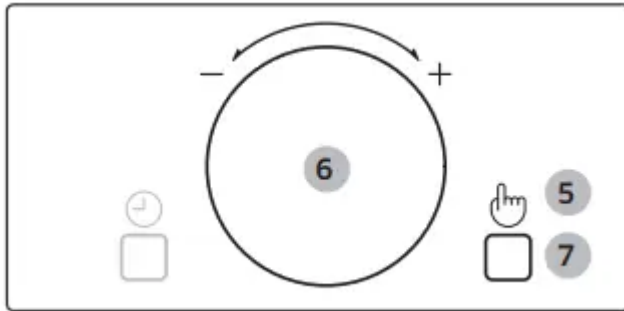
- When you first install your microwave oven
- After a power failure

NOTE Do not forget to reset the clock when you switch to and from summer and winter time.



1. Press the Clock button.

2. Turn the Dial to set time display type. (12H or 24H)
3. Press the Select button to complete the setup.
4. Turn the Dial to set the hour.



5. Press the Select button.
6. Turn the Dial to set the minute.
7. When the right time is displayed, press the Select button.

Result: The time is displayed whenever you are not using the microwave oven.

Cooking/Reheating

The following procedure explains how to cook or reheat food.


CAUTION

ALWAYS check your cooking settings before leaving the oven unattended.

Open the door. Place the food in the centre of the turntable. Close the door. Never switch the microwave oven on when it is empty.

1. Press the Microwave button.

Result: The following indications are displayed:

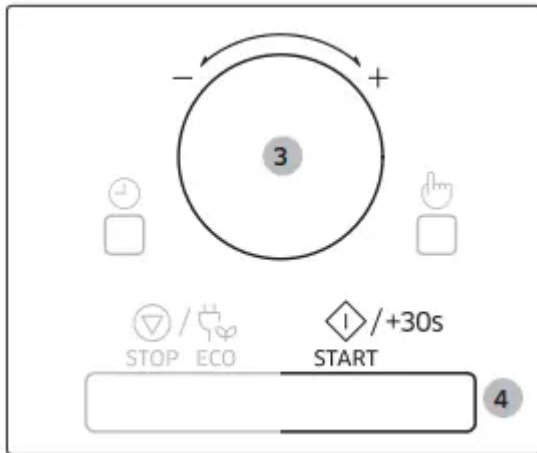
 (microwave mode)

100 (Power Level : 100 %)



2. Turn the Dial until the appropriate power level is displayed. At that time, press the Select button to set the power level.

- If don't set the power level within 5 seconds, Automatically changes to the cooking time setting stage.



3. Set the cooking time by turning the Dial.

Result: The cooking time is displayed.

4. Press the START/+30s button.

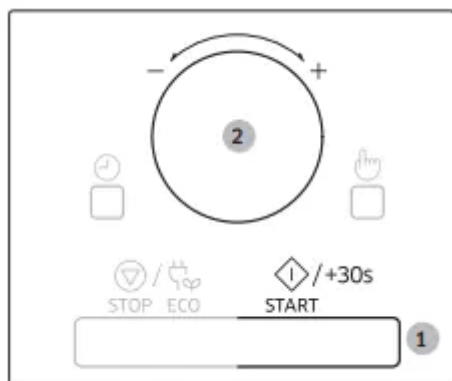
Result: The oven light comes on and the turntable starts rotating. Cooking starts and when it has finished.

- 1) The oven beeps 4 times.
- 2) The end reminder signal will beep 3 times (once every minute).
- 3) The current time is displayed again.

Adjusting the cooking time

You can increase the cooking time by pressing the START/+30s button once for each 30 seconds to be added.

- Check how cooking is progressing at any time simply by opening the door
- Increase the remaining cooking time



Method 1.

To increase the cooking time of your food during cooking, press the START/+30s button once for each 30 seconds that you wish to add.

- Example: To add three minutes, press the START/+30s button six times.

Method 2.

Just turning Dial to adjust cooking time.

- To increase cooking time, turn to right and to decrease cooking time, turn to left.

Stopping the cooking

You can stop cooking at any time so that you can:

- Check the food
- Turn the food over or stir it
- Leave it to stand

To stop the cooking...	Then...
Temporarily	Open the door or press the STOP/ECO button once. Result: Cooking stops. To resume cooking, close the door again and press the START/+30s button.
Completely	Press the STOP/ECO button once. Result: Cooking stops. If you wish to cancel the cooking settings, press the STOP/ECO button again.

Setting the energy save mode

The oven has an energy save mode.



- Press the STOP/ECO button. Result: Display off.

- To remove energy save mode, open the door or press the STOP/ECO button and then display shows current time.

The oven is ready for use.

NOTE

Auto energy saving function

If you do not select any function when appliance is in the middle of setting or operating with temporary stop condition, function is canceled and clock will be displayed after 25 minutes.

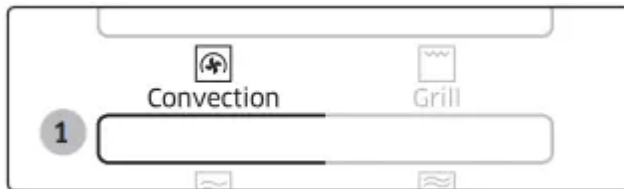
Oven Lamp will be turned off after 5 minutes with door open condition.

Convection

The convection mode enables you to cook food in the same way as in a traditional oven. The microwave mode is not used. You can set the temperature, as required, in a range varying from 100 °F to 400 °F. The maximum cooking time is 60 minutes.


- Always use oven gloves when touching the recipients in the oven, as they will be very hot.
- You can get better cooking and browning, if you use the low rack.

Check that the heating element is in the horizontal position. Open the door and place the recipient on the low rack and set on turntable

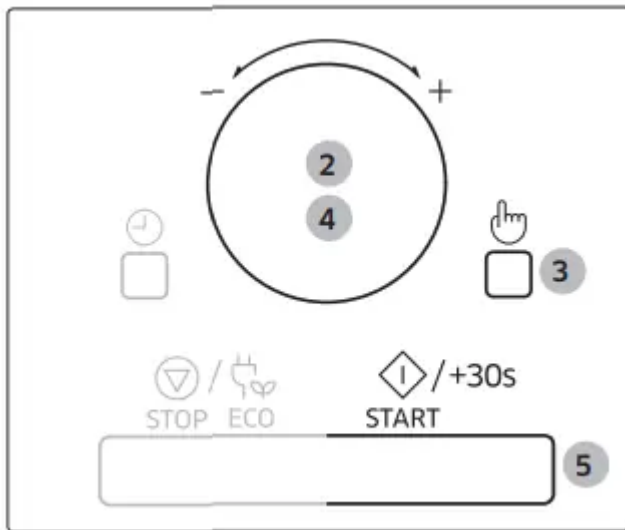


1. Press the Convection button.

Result: The following indications are displayed:

 (convection mode)

350 °F (temperature)



2. Set the temperature by turning the Dial. (Temperature : 100 ~ 400 °F 400, 375, 350, 325, 300, 250, 200, 100 °F)

- If don't set the power level within 5 seconds, Automatically changes to the cooking time setting stage.

3. Press the Select button.

4. Set the cooking time by turning the Dial. (If you want to preheat the oven, select " : 0")

5. Press the START/+30s button.

Result: Cooking starts. When it has finished.

- 1) The oven beeps 4 times.
- 2) The end reminder signal will beep 3 times (once every minute).
- 3) The current time is displayed again

Demonstration mode

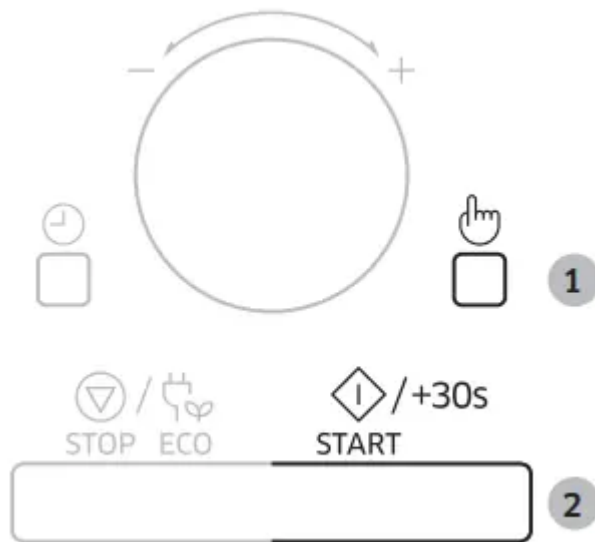
You can use the demonstration mode to see how your microwave oven operates without the oven heating.



1. Press the Select and Child Lock button for 1 second.

Result: The display shows "On".

2. Press the START/+30s button. Now Demonstration mode is on.



NOTE To turn demo mode off, repeat 1-2 step. It will be displayed “OFF”.

Troubleshooting

If you have any of the problems listed below try the solutions given.

Problem	Cause	Action
General		
The buttons cannot be pressed properly.	Foreign matter may be caught between the buttons.	Remove the foreign matter and try again.
	For touch models: Moisture is on the exterior.	Wipe the moisture from the exterior.
	Child lock is activated.	Deactivate Child lock.
The time is not displayed.	Power is not supplied.	Make sure power is supplied.
	The Eco (power-saving) function is set.	Turn off the Eco function.
The oven does not work.	Power is not supplied.	Make sure power is supplied.
	The door is open.	Close the door and try again.
	The door open safety mechanisms are covered in foreign matter.	Remove the foreign matter and try again.
The oven stops while in operation.	The user has opened the door to turn food over.	After turning over the food, press the Start button again to start operation.

The power turns off during operation.	The oven has been cooking for an extended period of time.	After cooking for an extended period of time, let the oven cool.
	The cooling fan is not working.	Listen for the sound of the cooling fan.
	Trying to operate the oven without food inside.	Put food in the oven.
	There is not sufficient ventilation space for the oven.	There are intake/exhaust outlets on the front and rear of the oven for ventilation. Keep the gaps specified in the product installation guide.
	Several power plugs are being used in the same socket.	Designate only one socket to be used for the oven.
There is no power to the oven.	Power is not supplied.	Make sure power is supplied.
There is a popping sound during operation, and the oven doesn't work.	Cooking sealed food or using a container with a lid may causes popping sounds.	Do not use sealed containers as they may burst during cooking due to expansion of the contents.
The oven exterior is too hot during operation.	There is not sufficient ventilation space for the oven.	There are intake/exhaust outlets on the front and rear of the oven for ventilation. Keep the gaps specified in the product installation guide.
	Objects are on top of the oven.	Remove all objects on the top of the oven.

<p>The door cannot be opened properly.</p>	<p>Food residue is stuck between the door and oven interior.</p>	<p>Clean the oven and then open the door.</p>
<p>The oven does not heat.</p>	<p>The oven may not work, too much food is being cooked, or improper cookware is being used.</p>	<p>Put one cup of water in a microwave-safe container and run the microwave for 1-2 minutes to check whether the water is heated. Reduce the amount of food and start the function again. Use a cooking container with a flat bottom.</p>
<p>Heating is weak or slow.</p>	<p>The oven may not work, too much food is being cooked, or improper cookware is being used.</p>	<p>Put one cup of water in a microwave-safe container and run the microwave for 1-2 minutes to check whether the water is heated. Reduce the amount of food and start the function again. Use a cooking container with a flat bottom.</p>
<p>The warm function does not work.</p>	<p>The oven may not work, too much food is being cooked, or improper cookware is being used.</p>	<p>Put one cup of water in a microwave-safe container and run the microwave for 1-2 minutes to check whether the water is heated. Reduce the amount of food and start the function again. Use a cooking container with a flat bottom.</p>



<p>The thaw function does not work.</p>	<p>The oven may not work, too much food is being cooked, or improper cookware is being used.</p>	<p>Put one cup of water in a microwave-safe container and run the microwave for 1-2 minutes to check whether the water is heated. Reduce the amount of food and start the function again. Use a cooking container with a flat bottom.</p>
<p>The interior light is dim or does not turn on.</p>	<p>The door has been left open for a long time.</p>	<p>The interior light may automatically turn off when the Eco function operates. Close and reopen the door or press the Cancel button.</p>
	<p>The interior light is covered by foreign matter.</p>	<p>Clean the inside of the oven and check again.</p>
<p>A beeping sound occurs during cooking.</p>	<p>If the Auto Cook function is being used, this beeping sound means it's time to turn over the food during thawing.</p>	<p>After turning over the food, press the Start button again to restart operation.</p>
<p>The oven is not level.</p>	<p>The oven is installed on an uneven surface.</p>	<p>Make sure the oven is installed on flat, stable surface.</p>
<p>There are sparks during cooking.</p>	<p>Metal containers are used during the oven/thawing functions.</p>	<p>Do not use metal containers.</p>
<p>When power is connected, the oven immediately starts to work.</p>	<p>The door is not properly closed.</p>	<p>Close the door and check again.</p>

There is electricity coming from the oven.	The power or power socket is not properly grounded.	Make sure the power and power socket are properly grounded.
There is water dripping.	There may be water or steam in some cases depending on the food. This is not an oven malfunction.	Let the oven cool and then wipe with a dry dish towel.
There is steam through a crack in the door.	There may be water or steam in some cases depending on the food. This is not an oven malfunction.	Let the oven cool and then wipe with a dry dish towel.
There is water left in the oven.	There may be water or steam in some cases depending on the food. This is not an oven malfunction.	Let the oven cool and then wipe with a dry dish towel.
The brightness inside the oven varies.	Brightness changes depending on power output changes according to function.	Power output changes during cooking are not malfunctions. This is not an oven malfunction.
Cooking is finished, but the cooling fan is still running.	To ventilate the oven, the cooling fan continues to run for about 3 minutes after cooking is complete.	This is not an oven malfunction.
Pressing the +30sec button operates the oven.	This happens when the oven was not operating.	The microwave oven is designed to operate by pressing the +30sec button when it was not operating.

Turntable		
While turning, the turntable comes out of place or stops turning.	There is no roller ring, or the roller ring is not properly in place.	Install the roller ring and then try again.
The turn table drags while turning.	The roller ring is not properly in place, there is too much food, or the container is too large and touches the inside of the microwave.	Adjust the amount of food and do not use containers that are too large.
The turn table rattles while turning and is noisy.	Food residue is stuck to the bottom of the oven.	Remove any food residue stuck to the bottom of the oven.
Grill		
Smoke comes out during operation.	During initial operation, smoke may come from the heating elements when you first use the oven.	This is not a malfunction, and if you run the oven 2-3 times, it should stop.
	Food is on the heating elements.	Let the oven cool and then remove the food from the heating elements.
	Food is too close to the grill.	Put the food a suitable distance away while cooking.
	Food is not properly prepared and/or arranged.	Make sure food is properly prepared and arranged.

Oven		
The oven does not heat.	The door is open.	Close the door and try again.
Smoke comes out during preheating.	During initial operation, smoke may come from the heating elements when you first use the oven.	This is not a malfunction, and if you run the oven 2-3 times, it should stop.
	Food is on the heating elements.	Let the oven cool and then remove the food from the heating elements.
There is a burning or plastic smell when using the oven.	Plastic or non heat-resistant cookware is used.	Use glass cookware suitable for high temperatures.
There is a bad smell coming from inside the oven.	Food residue or plastic has melted and stuck to the interior.	Use the steam function and then wipe with a dry cloth. You can put a lemon slice inside and run the oven to remove the odour more quickly.

The oven does not cook properly.	The oven door is frequently opened during cooking.	Do not frequently open the door unless you are cooking things that need to be turned. If you open the door often, the interior temperature will be lowered and this may affect the results of your cooking.
	The oven controls are not correctly set.	Correctly set the oven controls and try again.
	The grill or other accessories are not correctly inserted.	Correctly insert the accessories.
	The wrong type or size of cookware is used.	Reset the oven controls or use suitable cookware with flat bottoms.

NOTE If the above guidelines do not enable you to solve the problem, then contact your local SAMSUNG customer service centre.

Please have the following information read;

- The model and serial numbers, normally printed on the rear of the oven
- Your warranty details
- A clear description of the problem

Then contact your local dealer or SAMSUNG aftersales service.

Information codes

Code	Description	Action
C-21	Temperature sensor detect higher temperature than setting temperature.	Turn off the microwave oven for cooling the product and then try setting again. If it appears again, call your local SAMSUNG Customer Care Centre.
C-d0	Control buttons are pressed over 10 seconds	Clean the keys and check if there is water on the surface around key. If it occurs again, turn off the microwave oven over 30 seconds and try setting again. If it appears again, call your local SAMSUNG Customer Care Centre.

NOTE For any codes not listed above, or if the suggested solution does not solve the problem, contact your local SAMSUNG Customer Care Centre.

Warning

This content is compiled from multiple sources and is provided for reference purposes only. It may not be complete or fully applicable to all situations. If you are unable to resolve your issue, please contact the product manufacturer or an authorized service provider for official support.