

SHARP

Important



R-27C-B

MICROWAVE OVEN WITH GRILL AND CONVECTION OPERATION MANUAL

This operation manual contains important information which you should read carefully before using your microwave oven.

IMPORTANT: There may be a serious risk to health if this operation manual is not followed or if the oven is modified so that it operates with the door open.

ENGLISH



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Operation manual

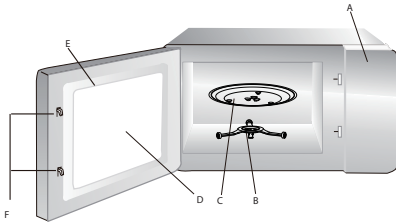
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SPECIFICATIONS

Model name:	R-27C-B
AC Line Voltage	: 230V~, 50Hz single phase
Distribution line fuse/circuit breaker	: 10A
AC Power required: Microwave	: 1450W
Output power: Microwave	: 900W
Top Grill (Infrared)	: 1000W
Convection	: 2100W
Off Mode (Energy Save Mode)	: less than 1.0W
Microwave Frequency	: 2450MHz
Outside Dimensions (W) x (H) x (D) mm	: 495 x 290 x 435
Cavity Dimensions (W) x (H) x (D) mm	: 330 x 251 x 322
Oven Capacity	: 27 litres***
Turntable (glass)	: ø 288 mm
Weight	: approx. 15.8kg

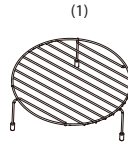
AS PART OF A POLICY OF CONTINUOUS IMPROVEMENT, WE RESERVE THE RIGHT TO ALTER DESIGN AND SPECIFICATIONS WITHOUT NOTICE.



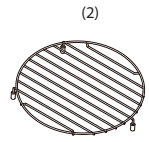
Names of Oven Parts and Accessories

Remove the oven and all materials from the carton and oven cavity.

- A) Control panel
- B) Turntable ring assembly
- C) Glass tray
- D) Observation window
- E) Door assembly
- F) Safety interlock system

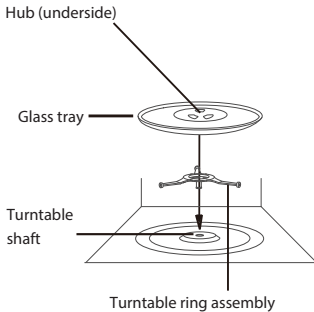


Higher Wire Rack(Cannot be used in microwave function)



Lower Wire Rack(Cannot be used in microwave function)

Turntable Installation



- a. Never place the glass tray upside down. The glass tray should never be restricted.
- b. Both glass tray and turntable ring assembly must always be used during cooking.
- c. All food and containers of food are always placed on the glass tray for cooking.
- d. If glass tray or turntable ring assembly cracks or breaks, contact your nearest authorized service center.

Never touch the grill when it is hot.

NOTE: When you order accessories, please mention two items: part name and model name to your dealer or SHARP authorised service agent.

NOTES:

- The waveguide cover is fragile. Care should be taken when cleaning inside the oven to ensure that it is not damaged.
- After cooking fatty foods without a cover, always clean the cavity and especially the grill heating element thoroughly, these must be dry and free from grease. Built-up grease may overheat and begin to smoke or catch fire.
- Always operate the oven with the turntable and turntable support fitted correctly. This promotes thorough, even cooking. A badly fitted turntable may rattle, may not rotate properly and could cause damage to the oven.
- All food and containers of food are always placed on the turntable for cooking.
- The turntable rotates clockwise or anti-clockwise. The rotary direction may change each time you start the oven. This does not affect cooking performance.

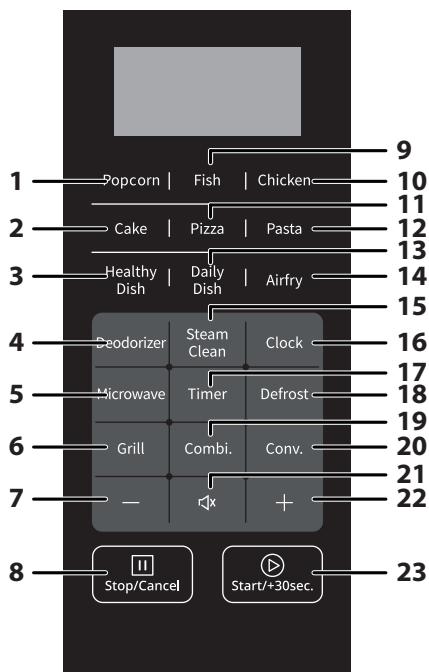


WARNING:

The door, outer cabinet, oven cavity, accessories and dishes will become very hot during operation. To prevent burns, always use thick oven gloves.



CONTROL PANEL



Menu options:

1. **Popcorn** button
2. **Cake** button
3. **Healthy Dish** button
4. **Deodorizer** button
5. **Microwave** button
6. **Grill** button
7. — button
8. **Stop/Cancel** button
9. **Fish** button
10. **Chicken** button
11. **Pizza** button
12. **Pasta** button
13. **Daily Dish** button
14. **Airfry** button
15. **Steam Clean** button
16. **Clock** button
17. **Timer** button
18. **Defrost** button
19. **Combi.** button
20. **Conv.** button
21. **Speaker** button
22. **+** button
23. **Start/+30sec.** button



WARNING

To reduce the risk of fire, electric shock, injury to persons or exposure to excessive microwave oven energy when using your appliance, follow basic precautions, including the following:

1. Read and follow the specific: "PRECAUTIONS TO AVOID POSSIBLE EXPOSURE TO EXCESSIVE MICROWAVE ENERGY".
2. This appliance is not intended for use by persons (including children) with reduced physical, sensory or mental capabilities, or lack of experience and knowledge, unless they have been given supervision or instruction concerning use of the appliance by a person responsible for their safety.
3. Children should be supervised to ensure that they do not play with the appliance.
4. If the supply cord is damaged, it must be replaced by the manufacturer, its service agent or similarly qualified persons in order to avoid a hazard.
5. **WARNING:** Ensure that the appliance is switched off before replacing the lamp to avoid the possibility of electric shock.
6. **WARNING:** It is hazardous for anyone other than a competent person to carry out any service or repair operation that involves the removal of a cover which gives protection against exposure to microwave energy.
7. **WARNING:** Liquids and other foods must not be heated in sealed containers since they are liable to explode.
8. When heating food in plastic or paper containers, keep an eye on the oven due to the possibility of ignition.
9. Only use utensils that are suitable for use in microwave ovens.
10. If smoke is emitted, switch off or unplug the appliance and keep the door closed in order to stifle any flames.
11. Microwave heating of beverages can result in delayed eruptive boiling, therefore care must be taken when handling the container.
12. The contents of feeding bottles and baby food jars shall be stirred or shaken and the temperature checked before consumption, in order to avoid burns.
13. Eggs in their shell and whole hard-boiled eggs should not be heated in microwave ovens since they may explode, even after microwave heating has ended.
14. The oven should be cleaned regularly and any food deposits removed.
15. 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.
16. The appliance must not be installed behind a decorative door in order to avoid overheating. (This is not applicable for appliances with decorative door.)
17. Only use the temperature probe recommended for this oven. (for ovens provided with a facility to use a temperature-sensing probe.)
18. The microwave oven shall not be placed in a cabinet unless it has been tested in a cabinet.
19. The microwave oven must be operated with the decorative door open. (for ovens with a decorative door.)
20. This appliance is intended to be used in household and similar applications such as:
 - staff kitchen areas in shops, offices and other working environments;
 - by clients in hotels, motels and other residential type environments;
 - farm houses;
 - bed and breakfast type environments.
21. The microwave oven is intended for heating food and beverages. Drying of food or clothing and heating of warming pads, slippers, sponges, damp cloth and similar may lead to risk of injury, ignition or fire.
22. Metallic containers for food and beverages are not allowed during microwave cooking.
23. The appliance shall not be cleaned with a steam cleaner.
24. The appliance is intended to be used freestanding.
25. The rear surface of appliances shall be placed against a wall.
26. The appliances are not intended to be operated by means of an external timer or separate remote-control system.
27. The temperature of accessible surfaces may be high when the appliance is operating.
28. **WARNING:** When the appliance is operated in the combination mode, children should only use the oven under adult supervision due to the temperatures generated.

READ CAREFULLY AND KEEP FOR FUTURE REFERENCE



IMPORTANT SAFETY INSTRUCTIONS

PRECAUTIONS TO AVOID POSSIBLE EXPOSURE TO EXCESSIVE MICROWAVE ENERGY

- (a) Do not attempt to operate this oven with the door open since this can result in harmful exposure to microwave energy. It is important not to break or tamper with the safety interlocks.
- (b) Do not place any object between the oven front face and the door or allow soil or cleaner residue to accumulate on sealing surfaces.
- (c) **WARNING:** If the door or door seals are damaged, the oven must not be operated until it has been repaired by a competent person.

ADDENDUM

If the apparatus is not maintained in a good state of cleanliness, its surface could be degraded and affect the lifespan of the apparatus and lead to a dangerous situation.

TO REDUCE THE RISK OF INJURY TO PERSONS GROUNDING INSTALLATION

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.

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.

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 cord.

1. A short power-supply cord is provided to reduce the risks resulting from becoming entangled in or tripping over a longer cord.
2. If a long cord set or extension cord is used:
 - 1) The marked electrical rating of the cord set or extension cord should be at least as great as the electrical rating of the appliance.

2) The extension cord must be a grounding-type 3-wire cord.

3) The long 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.

CLEANING

Be sure to unplug the appliance from the power supply.

1. Clean the cavity of the oven after using with a slightly damp cloth.
2. Clean the accessories in the usual way in soapy water.
3. The door frame and seal and neighbouring parts must be cleaned carefully with a damp cloth when they are dirty.
4. Do not use harsh abrasive cleaners or sharp metal scrapers to clean the oven door glass since they can scratch the surface, which may result in shattering of the glass.
5. **Cleaning Tip**—For easier cleaning of the cavity walls that the food cooked can touch: Place half a lemon in a bowl, add 300ml (1/2 pint) water and heat on 100% microwave power for 10 minutes. Wipe the oven clean using a soft, dry cloth.

UTENSILS

CAUTION

Personal Injury Hazard

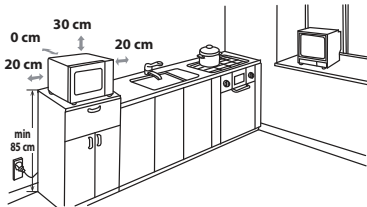
It is hazardous for anyone other than a competent person to carry out any service or repair operation that involves the removal of a cover which gives protection against exposure to microwave energy. See the instructions on "Materials you can use in microwave oven or to be avoided in microwave oven." 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:

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



1. Remove all packing materials from the inside of the oven cavity and remove any protective film found on the microwave oven cabinet surface. Check the oven carefully for any signs of damage.
2. Place the oven on a secure, level surface, strong enough to take the oven weight, plus the heaviest item likely to be cooked in the oven. Do not place the oven in a cabinet.
3. Select a level surface that provides enough open space for the intake and/or outlet vents. The rear surface of appliance shall be placed against a wall.
 - A minimum space of 20cm is required between the oven and any adjacent walls.
 - Leave a minimum space of 30cm above the oven.
 - Do not remove the feet from the bottom of the oven.
 - Blocking the intake and/or outlet openings can damage the oven.
 - Place the oven as far away from radios and TV as possible. Operation of the microwave oven may cause interference to your radio or TV reception.



4. The oven door may become hot during cooking. Place or mount the oven so that the bottom of the oven is 85cm or more above the floor. Keep children away from the door to prevent them burning themselves.

5. Securely connect the plug of the oven to a standard earthed (grounded) household electrical outlet.

WARNING: Do not place the oven where heat, moisture or high humidity are generated, (for example, near or above a conventional oven) or near combustible materials (for example, curtains). Do not block or obstruct air vent openings. Do not place objects on top of the oven.

ELECTRICAL CONNECTION

- Do not allow water to come into contact with the power supply cord or plug.
- Insert the plug properly into the socket.
- Do not connect other appliances to the same socket using an adaptor plug.
- If the power supply cord is damaged, it must be replaced by a Sharp approved service facility or a similarly qualified person to avoid a hazard.
- When removing the plug from the socket always grip the plug, never the cord as this may damage the power supply cord and the connections inside the plug.



OPERATION INSTRUCTION

When the microwave oven is plugged into an outlet, the screen will display "0:00", and the buzzer will ring once to enter the standby mode.



SETTING THE CLOCK

1) In standby mode, press "**Clock**" once, and then the screen displays "00:00".

The hour figures will flash.

2) Press "+/-" to adjust the hour figures. The input time should be within 0-23.

3) Press "**Clock**" to confirm, and the minute figures will flash.

4) Press "+/-" to adjust the minute figures. The input time should be within 0-59.

5) Press "**Clock**" to finish clock setting.

Note: 1) The clock will not work if it is not set when powered.

2) After step 4, if you do not press "**Clock**" within 5 minutes, the oven will go back to the previous status automatically.



SETTING THE KITCHEN TIMER

1) In standby mode, press "**Timer**" once, and the screen displays "0:00".

2) Press "+/-" to adjust the timer. The maximum value is 95:00.

3) Press "**Timer**" to confirm setting.

Note: During kitchen timer, any other programs cannot work.



MICROWAVE COOKING

1) In standby mode, press "**Microwave**", and "P100" will display.

2) Press "+/-" or press "**Microwave**" repeatedly to set the power level.

"P100, P90, P80, P70, P60, P50, P40, P30, P20, P10" are available.

3) Press "**Start/+30sec.**" to confirm. Default cooking time 15:00 will display.

4) Press "+/-" to set the cooking time. The maximum value is 95:00.

5) Press "**Start/+30sec.**" to start cooking.



GRILL COOKING

1) Press "**Grill**" once, and "G" will display.

2) Press "**Start/+30sec.**" to confirm, default cooking time 15:00 will display.

3) Press "+/-" to set the cooking time. The maximum value is 95:00.

4) Press "**Start/+30sec.**" to start cooking.

Note: 1) If half the grill time passes, the oven sounds to remind you to turn the food over.

2) In the cooking process, when you increase or reduce the time, half time prompt is not affected.



CONVECTION COOKING

1) Press "**Conv.**" once, and "150°C" will display.

2) Press "**Conv.**" repeatedly or press "+/-" to choose temperature from 150°C to 240°C.

10 options are available, including 150, 160, 170, 180, 190, 200, 210, 220, 230, 240 (°C).

3) Press "**Start/+30sec.**" to confirm the temperature.

4) If you press "**Start/+30sec.**" again, the oven will start preheating. When the preheating temperature is reached, the buzzer will sound twice. You can open the oven door and place food in it.

5) Press "+/-" to set the cooking time. The maximum value is 95:00.

6) Press "**Start/+30sec.**" to start working.

COMBI.COOKING



- 1) Press "**Combi.**" once, the screen will display "C-1", and press "Combi." repeatedly or press "+/-" to choose the mode you want, and "C-1", "C-2", "C-3", or "C-4" will display.
- 2) Press "**Start/+30sec.**" to confirm the mode.
- 3) Press "+/-" to set the cooking time. The maximum value is 95:00.
- 4) Press "**Start/+30sec.**" to start cooking.

Combination	Instructions	Instructions Display	Microwave	Grill	Convection
1		C-1	•		•
2		C-2	•	•	
3		C-3		•	•
4		C-4	•	•	•

DEFROST BY WEIGHT



- 1) In standby mode, press "**Defrost**" once, and the screen displays "dEF1".
 - 2) Press "**Start/+30sec.**" to confirm, 100g displays.
 - 3) Press "+/-" to set the defrost weight within 100~2000g.
 - 4) Press "**Start/+30sec.**" to start defrosting.
- Note:** The buzzer will sound to remind of turning over the food during defrosting.

DEFROST BY TIME



- 1) In standby mode, press "**Defrost**" twice, and the screen displays "dEF2".
 - 2) Press "**Start/+30sec.**" to confirm, and then screen displays "15:00".
 - 3) Press "+/-" to set the defrost time. The maximum value is 95:00.
 - 4) Press "**Start/+30sec.**" to start defrosting.
- Note:** The buzzer will sound to remind of turning over the food during defrosting.

MULTI-STAGE COOKING



Two stages can be maximumly set. If one stage is defrosting, it should be put in the first stage automatically. The buzzer will ring once after each stage and the next stage will begin. Kitchen Timer, Auto menu, Speedy cooking or Preheating cannot be set as one of the multi-stage. Example: If you want to defrost the food for 10 minutes, then grill them for 10 minutes and 30 seconds. You can follow these steps.

- 1) Press "**Defrost**" twice, and the screen will display "dEF2".
- 2) Press "**Start/+30sec.**" to confirm, 15:00 displays.
- 3) Press "+/-" to adjust the defrost time until 10:00 displays.
- 4) Press "**Grill**" once, "G" displays, press "**Start/+30sec.**" to confirm.
- 5) Press "+/-" to adjust the grill time until 10:30 displays.
- 6) Press "**Start/+30sec.**" to start cooking.

SPEEDY COOKING



In standby state, press "**Start/+30sec.**" to start cooking with 100% power for 30 seconds directly.



LOCK-OUT FUNCTION FOR CHILDREN

You can use this function to prevent children from accidentally turning the oven on.

Lock: In standby state, press "**Clock**" for 3 seconds. The buzzer will sound to enter the children-lock state, and the lock icon will light.

Lock quitting: In locked state, press "**Clock**" for 3 seconds. The buzzer will sound denoting that the lock is released, and the lock icon will disappear.



DEODORIZER

1) In standby state, press "**Deodorizer**", and the screen displays "dE".

2) Press "**Start/+30sec.**" to start working.



STEAM CLEAN

1) In standby state, press "**Steam Clean**", and the screen displays "SC".

2) Press "**Start/+30sec.**" to start working.



HEALTHY DISH

1) In standby mode, press "**Healthy Dish**" once, and "Hd01" will display.

2) Press "**Healthy Dish**" repeatedly or press "+/-" to choose the menu from "Hd01" to "Hd05".

3) Press "**Start/+30sec.**" to confirm the submenu. The default weight of the menu will display.

4) Press "+/-" to set the weight.

5) Press "**Start/+30sec.**" to start cooking.

Healthy Dish Chart

Healthy Dish Chart	WEIGHT	DISPLAY	POWER
Hd01 Quinoa	100g	100g	P100/P50
	200g	200g	
Hd02 Couscous	200g	200g	P100/P50
	300g	300g	
Hd03 Macaroni	100g	100g	P80
	200g	200g	
Hd04 Brown Rice	200g	200g	P100/P50
	300g	300g	
Hd05 Oatmeal	2 servings	2	P100/P50
	4 servings	4	



- 1) In standby mode, press "**Daily Dish**" once, and "dd01" will display.
 - 2) Press "**Daily Dish**" repeatedly or press "+/-" to choose the menu from "dd01" to "dd12".
 - 3) Press "**Start/+30sec.**" to confirm the submenu. The default weight of the menu will display.
 - 4) Press "+/-" to set the weight.
 - 5) Press "**Start/+30sec.**" to start cooking.
- Note:** Skip the step 4 in menu dd10~dd12.

Daily Dish Chart

MENU	WEIGHT	DISPLAY	POWER
dd01 Frozen Peas	200g	200g	P100
	400g	400g	
dd02 Frozen mix Vegetable	200g	200g	P100
	400g	400g	
dd03 Frozen Broccoli	200g	200g	P100
	400g	400g	
dd04 Fresh Spinach	200g	200g	P100
	400g	400g	
dd05 Frozen green beans	200g	200g	P100
	400g	400g	
dd06 Potatoes without skin	400g	400g	P100
	800g	800g	
dd07 Potatoes with skin	2	2	P100
	4	4	
dd08 Frozen lasagna	300g	300g	C-1
	600g	600g	
dd09 Grill chicken breasts	200g	200g	Grill60%+ Conv.240 C
	400g	400g	
dd10 lamb rack	900g	900g	C-4
dd11 Roast beef	900g	900g	C-4
dd12 Grill garlic bread	200g	200g	C-4



AUTO MENU

For example set the fish for 350g;

1) In standby mode, press "**Fish**" once, and "150g" will display.

2) Press "**Fish**" repeatedly or press "+/-" until 350g displays.

3) Press "**Start/+30sec.**" to start cooking.

Note: In auto menu, no need to input cooking time and power level, appropriate value has been provided for your convenience.

Menu Chart

MENU	WEIGHT	DISPLAY	POWER
Popcorn	50g	50g	P100
	100g	100g	
Fish	150g	150g	P80
	250g	250g	
	350g	350g	
	450g	450g	
	650g	650g	
Chicken	500g	500g	C-4
	750g	750g	
	1000g	1000g	
	1200g	1200g	
Cake	475g	475g	preheat conv.160/ conv.160
Pizza	100g	100g	C-4
	200g	200g	
	300g	300g	
Pasta	50g(with cold water 450g)	50	P80
	100g(with cold water 800g)	100	
	150g(with cold water 1200g)	150	

Note: The buzzer will sound to remind of turning over the food during chicken menu.



For air fry cooking you will need to select & confirm the type of food, please refer to the chart below.

- 1) In standby mode, press " **Airfry** " repeatedly or press " +/- " to choose the menu, and "AF01~AF10" will display in order.
- 2) Press " **Start/+30sec.** " to start cooking.

DISPLAY	MENU	WEIGHT
AF01	Frozen French Fries	300g
AF02	Frozen Potato Wedges	450g
AF03	Frozen Chicken nuggets	350g
AF04	Frozen Fried Squid	250g
AF05	Frozen Onion Ring	250g
AF06	Frozen Breaded Prawns	250g
AF07	Frozen Fried Chicken Cutlet	400g
AF08	Grilled Fresh Fish Fillets	300g
AF09	Frozen Buffalo Chicken wings	420g
AF10	Frozen Fried Chicken Wings	500g(~70g/pc)

- Notes:** (1) The buzzer will sound to remind of turning over the food during cooking.
 (2) Use the accessory pan and rack. Put the food into the pan and place the pan on the rack.



SUITABLE OVENWARE

To cook/thaw food in a microwave oven, the microwave energy must be able to pass through the container to penetrate the food. Therefore it is important to choose suitable cookware.

Round/oval dishes are preferable to square/oblong ones, as the food in the corners tends to overcook. A variety of cookware can be used as listed below.

Cookware	Microwave Safe	Grill	Convection	Mix Cook	Comments
Aluminium foil Foil containers	✓ / ✗	✓	✓	✓ / ✗	Small pieces of aluminium foil can be used to shield food from overheating. Keep foil at least 2cm from the oven walls, as arcing may occur. Foil containers are not recommended unless specified by the manufacturer, e.g. Microfoil [®] , follow instructions carefully.
Browning dishes	✓	✗	✗	✗	Always follow the manufacturers instructions. Do not exceed heating times given. Be very careful as these dishes become very hot.
China and ceramics	✓ / ✗	✗	✓	✓ Mix Conv. only	Porcelain, pottery, glazed earthenware and bone china are usually suitable, except for those with metallic decoration.
Glassware e.g. Pyrex [®]	✓	✓	✓	✓	Care should be taken if using fine glassware as it can break or crack if heated suddenly.
Metal	✗	✓	✓	✗	It is not recommended to use metal cookware as it will arc, which can lead to fire.
Plastic/Polystyrene e.g fast food containers	✓	✗	✓	✓ / ✗	Care must be taken as some containers warp, melt or discolour at high temperatures.
Cling film	✓	✗	✗	✗	It should not touch the food and must be pierced to let the steam escape.
Freezer/Roasting bags	✓	✗	✓ / ✗	✗	Must be pierced to let steam escape. Ensure bags are suitable for microwave use. Do not use plastic or metal ties, as they may melt or catch fire due to the metal 'arcing'.
Paper - plates, cups and kitchen paper	✓	✗	✗	✗	Only use for warming or to absorb moisture. Care must be taken as overheating may cause fire.
Straw and wooden containers	✓	✗	✗	✗	Always supervise the oven when using these materials as overheating may cause fire.
Recycled paper and newspaper	✗	✗	✗	✗	May contain extracts of metal which will cause 'arcing' and may lead to fire.
Rack	✓	✓	✓	✓	The metal racks supplied have been specially designed for all cooking modes and will not damage the oven.



WARNING:

When heating food in plastic or paper containers, monitor the oven due to the possibility of ignition.



CAUTION: DO NOT USE COMMERCIAL OVEN CLEANERS, STEAM CLEANERS, ABRASIVE, HARSH CLEANERS, ANY THAT CONTAIN SODIUM HYDROXIDE OR SCOURING PADS ON ANY PART OF YOUR MICROWAVE OVEN.

Before cleaning, make sure the oven cavity, door, oven cabinet and accessories are completely cool.

CLEAN THE OVEN AT REGULAR INTERVALS AND REMOVE ANY FOOD DEPOSITS – Keep the oven clean, or the oven could lead to a deterioration of the surface. This could adversely affect the life of the appliance and possibly result in a hazardous situation.

Oven exterior

The outside of your oven can be cleaned easily with mild soap and water. Make sure the soap is wiped off with a moist cloth, and dry the exterior with a soft towel.

Oven controls

Open the door before cleaning to de-activate the oven controls. Care should be taken when cleaning the oven control. Using a cloth dampened with water only, gently wipe the panel until it becomes clean. Avoid using excessive amounts of water. Do not use any sort of chemical or abrasive cleaner.

Oven Interior

1. For cleaning, wipe away any splatters or spills with a soft damp cloth or sponge after each use while the oven is still warm. For heavier spills, use a mild soap and wipe several times with a damp cloth until all residues are removed. Built-up splashes may overheat and begin to smoke or catch fire, and cause arcing. Do not remove the waveguide cover.
2. Make sure that the mild soap or water does not penetrate the small vents in the walls which may cause damage to the oven.
3. Do not use spray type cleaners on the oven interior.

4. Heat up your oven regularly by using the convection and grill. Remaining food or fat splashed can cause smoke or bad smell.
5. Food will release steam during cooking and cause condensation inside the oven and door. It is important to wipe the oven dry. A build up of condensation will eventually lead to rust forming on the oven interior.

SPECIAL NOTE for WAVEGUIDE COVER: Keep the waveguide cover clean at all times. The waveguide cover is constructed from a fragile material and should be cleaned with care (follow the cleaning instructions above).

Excessive soaking may cause disintegration of the waveguide cover. The waveguide cover is a consumable part and without regular cleaning, will need to be replaced.

Accessories

The accessories like turntable, turntable support, rack and crisp plate should be washed in a mild washing up liquid solution and dried. They are dishwasher safe.

SPECIAL NOTE for TURNABLE SUPPORT:

After cooking, always clean the turntable support, especially around the rollers. These must be free from food splashes and grease. Built-up splashes or grease may overheat and cause arcing, begin to smoke or catch fire.

Door

To remove all traces of dirt, regularly clean both sides of the door, the door seals and adjacent parts with a soft, damp cloth. Do not use harsh abrasive cleaners or sharp metal scrapers to clean the glass oven door since they can scratch the surface, which may result in shattering of the glass.

NOTE: A steam cleaner should not be used.

Cleaning tip - For easier cleaning of your oven:

Place half a lemon in a bowl, add 300ml (1/2 pint) water and heat on 100% for 10-12 minutes. Wipe the oven clean using a soft, dry cloth.



If you think the oven is not working properly there are some simple checks you can carry out yourself before calling an engineer. This will help prevent unnecessary service calls if the fault is something simple.

Follow this simple check below:

Place half a cup of water on the turntable and close the door. Programme the oven to cook for 1 minute using 100% microwave power.

1. Does the oven lamp come on when it is cooking?
2. Does the turntable rotate?
3. Does the cooling fan work? (Check by placing your hand above the air vent openings.)
4. After 1 minute does the audible signal sound?
5. Is the water in the cup hot?
Take the cup of water out of the oven and close the door. Programme the oven to cook for 3 minutes using the top grill.
6. After 3 minutes, does the grill heating element become red?
Programme the oven to cook for 3 minutes using the convection on 240°C.
7. After 3 minutes, is the oven cavity hot?
If you answer "NO" to any question first check that the oven is plugged in properly and the fuse has not blown. If there is no fault with either, check against the troubleshooting chart on the following page.

NOTES:

- Safety powerdowns:
If you cook food for more than the standard time (see chart opposite) using the same cooking mode, the oven's safety mechanisms automatically activate. The microwave power level will be reduced or the grill heating elements will turn on and off.
- After manual or automatic cooking using the Grill, Combi or

Convection modes, the cooling fan will switch on to cool the oven cavity. When the cooling fan works, the display may show "NOW COOLING". To clear it, press the **STOP/CLEAR** key and the display will return to "0". During these modes, the cooling fan will carry on working after you have pressed the **STOP/CLEAR** key. You may feel hot air blowing out of the air-vent openings.

WARNING: Never adjust, repair or modify the oven yourself. It is hazardous for anyone other than a SHARP trained engineer to carry out servicing or repairs. This is important as it may involve the removal of covers that provide protection against microwave energy.

- The door seal stops microwave leakage during oven operation, but does not form an airtight seal. It is normal to see drops of water, light or feel warm air around the oven door. Food with a high moisture content will release steam and cause condensation inside the door which may drip from the oven.
- **Repairs and Modifications:** Do not attempt to operate the oven if it is not working properly.
- **Outer Cabinet & Lamp Access:** Never remove the outer cabinet. This is very dangerous due to high voltage parts inside which must never be touched, as this could be fatal. Your oven is not fitted with a lamp access cover. If the lamp fails, do not attempt to replace the lamp yourself, call a SHARP approved service facility.

IMPORTANT:

If you cook food for more than the standard time (see chart below) using the same cooking mode, the oven's safety mechanisms automatically activate. The microwave power level will be reduced or the grill heating element will turn on and off.



TROUBLESHOOTING

Cooking Mode	Standard time
Microwave P100	30 minutes
Grill/ Convection/ Combi cooking mode	Intermittent operation, temperature and time controlled

TROUBLESHOOTING CHART

QUERY	ANSWER
Draught circulates around the door.	When the oven is working, air circulates within the cavity. The door does not form an airtight seal so air may escape from the door.
Condensation forms in the oven, and may drip from the door.	The oven cavity will normally be colder than the food being cooked, and so steam produced when cooking will condense on the colder surface. The amount of steam produced depends on the water content of the food being cooked. Some foods, such as potatoes have a high moisture content. Condensation trapped in the door glass should clear after a few hours.
Flashing or arcing from within the cavity when cooking.	Arcing will occur when a metallic object comes into close proximity to the oven cavity during cooking. This may possibly roughen the surface of the cavity, but would not otherwise damage the oven.
Arcing potatoes.	Ensure all "eyes" are removed from the potatoes and that they have been pierced, place directly onto the turntable or in a heat resistant flan dish or similar.
The display is lit but the control panel will not work when pressed.	Check the door is closed properly.
Oven cooks too slowly.	Ensure correct power level has been selected.
Oven makes a noise.	The microwave energy pulses ON and OFF during cooking/defrosting.
Outer cabinet is hot.	The cabinet may become warm to the touch - keep children away.

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