

Samsung Electric Cooktop

Simple user manual



Scan this with your smartphone.

- For the instructions of how to use the product, please refer to the user manuals provided as QR code or the Samsung Electronics' website (<https://www.samsung.com>).
- To access and/or print the full user manual (in English, Spanish or French), please visit:
<https://www.samsung.com/us/support>
<https://www.samsung.com/ca/support>
https://www.samsung.com/ca_fr/support
- **Your cooktop's model number is located on the bottom or side of the cooktop.**



To find out if your model is ENERGY STAR Certified go to www.energystar.gov/productfinder

SAMSUNG

Contents

Important safety information	2
For your safety	2
Surface cooking units	4
Electrical Safety	5
Child safety	6
Ventilating hood	6
Glass/ceramic cooking surfaces	6
Critical installation warnings	7
Critical usage warning	8
Usage cautions	9
Critical cleaning warnings	11
California Proposition 65 Warning	13
Preparation	13
Wi-Fi model	13
Non Wi-Fi model	13
Using the cooktop	14
About Induction, Radiant Cook	14
Using the proper cookware	15
Cookware for induction cooking zones	16
Pot and pan sizes	16
Using suitable induction cookware	16
Maintenance	17
Cleaning	17
Protecting the cooktop surface	17
Care and cleaning of the glass cooktop	17
Troubleshooting	19
Appendix	20
Model name & serial number	20

IMPORTANT SAFETY INFORMATION

FOR YOUR SAFETY

When using electrical appliances, you should follow basic safety precautions, including the following:

CAUTION

- Use this appliance only for its intended purpose as described in this Owner's Manual.
- Potentially hot surfaces include cooktop, the cooktop facing, and areas near the cooktop.

User servicing - Do not repair or replace any part of the appliance unless specifically recommended in this manual. All other servicing should be referred to a qualified technician.

Always disconnect the power to the appliance before servicing by removing the fuse or switching off the circuit breaker.

- **Do not store items of interest to children in cabinets above the cooktop surface.** Children climbing on the cooktop to reach items could be seriously injured.
- **Do not leave children alone.** Never leave children alone or unattended in an area where this appliance is in use. They should never be allowed to sit or stand on any part of the appliance.
- **Never use your appliance for warming or heating the room.**

- **Do not use water on grease fires.** Turn off the cooktop to avoid spreading the flames. Smother the fire or flames or use a dry chemical, baking soda, or foam-type extinguisher.
- **Storage in or on the appliance.** Do not store flammable materials near the surface units. Be sure all packing materials are removed from the appliance before operating it. Keep plastics, clothes, and paper away from parts of the appliance that may become hot.
- **Wear proper apparel.** Never wear loose-fitting or hanging garments while using the appliance.
- **Use only dry potholders.** Placing moist or damp potholders on hot surfaces may result in burns from steam. Do not let the potholder touch hot heating elements. Do not use a towel or other bulky cloth.
- Teach children not to play with the controls or any other part of the cooktop.
- Be sure your appliance is properly installed and grounded by a qualified technician.
- Avoid scratching or striking the cooktop. Doing so may lead to glass breakage. Do not cook on a cooktop with broken glass. Shock, fire, or cuts may occur.
- For your safety, do not use high-pressure water cleaners or steam jet cleaners to clean any part of the cooktop.
- If the power cord is damaged, it must be replaced by the manufacturer, its service agent, or similarly qualified persons to avoid creating a hazard.
- The 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.
- Do not lean on the cooktop as you may turn the control knobs inadvertently.

READ AND SAVE THESE INSTRUCTIONS

IMPORTANT SAFETY INFORMATION

SURFACE COOKING UNITS

- **Never leave surface units unattended at high heat settings.** Boilovers cause smoking and greasy spillovers that may ignite.
- **Protective Liners** – Do not use aluminum foil to line surface unit drip bowls or oven bottoms, except as suggested in the manual. Improper installation of these liners may result in a risk of electric shock or fire.
- **Do not lift the cooktop.** Lifting the cooktop can damage the cooktop and cause the cooktop to malfunction.
- **Never use the glass cooktop surface as a cutting board.**
- **Use care when touching the cooktop.** The glass surface of the cooktop will retain heat after the controls have been turned off.
- **Use proper pan sizes.** This appliance is equipped with surface units of different size. Select pots and pans that have flat bottoms large enough to cover the surface area of the heating element. Using undersized cookware will expose a portion of the heating element to direct contact and may result in the ignition of clothing. Matching the size of the pot or pan to the burner will also improve efficiency.

- **Cookware Handles Should Be Turned Inward and Not Extend Over Adjacent Surface Units** – To reduce the risk of burns, ignition of flammable materials, or spillage due to unintentional contact with cookware, position cookware handles so that they are turned inward and do not extend over adjacent surface units.
- **Glazed cookware.** Only certain types of glass, glass/ceramic, ceramic, earthenware, or other glazed cookware can be used for service without breaking due to sudden changes in temperature.
- Always turn the surface units off before removing cookware.
- Keep an eye on foods being fried at high or medium high heat settings.
- To avoid oil spillover and fire, use a minimum amount of oil when shallow pan-frying and avoid cooking frozen foods that have excessive amounts of ice.
- **Do not operate the cooktop without cookware.** If the cooktop operates without cookware, the control knobs will become hot.
- Do not move the container and bowl in a horizontal position on cooktop surface.

READ AND SAVE THESE INSTRUCTIONS

- **Be careful when placing spoons or other stirring utensils on the glass cooktop surface when it is in use.** They may become hot and could cause burns.
- **Cleaning.** Read and follow all instructions and warnings on the cleaning cream labels.
- Be sure you know which control knob operates each surface unit. Make sure you have turned on the correct surface unit.
- When preparing flaming foods under the hood, turn the fan on.
- **Do not store heavy items above the cooktop surface that could fall and damage it.**
- **Do not Use Decorative Surface Element Covers** – If an element is accidentally turned on, the decorative cover will become hot and possibly melt. Burns will occur if the hot covers are touched. Damage may also be done to the cooktop.
- Appliance is not intended to be operated by means of an external timer or separate remote-control system.

ELECTRICAL SAFETY

Use factory installed flexible cord to connect to power supply only, do not use power supply cord kit.

- The cooktop should be serviced only by qualified service personnel. Repairs carried out by unqualified individuals may cause injury or a serious malfunction. If your appliance is in need of repair, contact a Samsung authorized service center. Failure to follow these instructions may result in damage and void the warranty.
- Flush - mounted appliances may be operated only after they have been installed in cabinets and workplaces that conform to the relevant standards. This ensures that the appliances are installed in compliance with the appropriate safety standards.
- If your appliance malfunctions or if fractures, cracks, or splits appear:
 - switch off all cooking zones
 - unplug the cooktop from the AC wall outlet
 - contact your local Samsung service center.

READ AND SAVE THESE INSTRUCTIONS

IMPORTANT SAFETY INFORMATION

WARNING

If the surface is cracked, switch off and unplug the appliance to avoid the possibility of electrical shock. Do not use your cooktop until the glass surface has been replaced.

CHILD SAFETY

WARNING

- This appliance is not intended for use by young children or infirm persons without the adequate supervision of a responsible adult.
- Young children should be supervised to ensure that they do not play with the appliance.
- The cooking zones will become hot when you cook. To keep small children from being burned, always keep them away from the appliance while you are cooking.

WARNING

Accessible parts may become hot during use. To avoid burns, young children should be kept away.

READ AND SAVE THESE INSTRUCTIONS

VENTILATING HOOD

- **Clean ventilating hoods frequently.** Do not let grease accumulate on the hood or filter.
- **When flaming foods under the hood, turn the fan on.**

GLASS/CERAMIC COOKING SURFACES

- **DO NOT TOUCH SURFACE UNITS OR AREAS NEAR UNITS.** Surface units may be hot even though they are dark in color. Areas near surface units may become hot enough to cause burns. During and after use, do not touch, or let clothing or other flammable materials contact the surface units or areas near the units until they have had sufficient time to cool. Among these areas are the cook-top and the facing of the cooktop.
- **Do not cook on a broken cooktop.** If the cooktop should break, cleaning solutions and spillovers may penetrate the broken cooktop and create a risk of electric shock. If your cooktop breaks, contact an authorized Samsung service center immediately.
- **(Only for induction cooktop)** Metallic objects such as knives, forks, spoons, and lids should not be placed on the induction cooktop surface since they can get hot.

- **Clean the cooktop with caution.** If a wet sponge or cloth is used to wipe spills on a hot cooking area, be careful to avoid steam burns. Some cleaners can produce noxious fumes if applied to a hot surface.

CRITICAL INSTALLATION WARNINGS

WARNING

- This appliance must be installed by a qualified technician or service company.
 - Failing to have a qualified technician install the cooktop may result in electric shock, fire, an explosion, problems with the product, or injury.
- Unpack the cooktop, remove all packaging material and examine the cooktop for any damage such as dents. If there is any damage, do not operate the cooktop and notify your dealer immediately.
- Plug the power cord into a properly grounded outlet with the proper configuration. Your cooktop should be the only item connected to this circuit.
- Keep all packaging materials out of the reach of children. Children may use them for play and injure themselves.
- Install the cooktop on a sturdy, level cabinet that can support its weight.
 - Failing to do so may result in problems with the cooktop.

- This appliance must be properly grounded.
- Do not ground the appliance to a gas pipe, plastic water pipe, or telephone line.
 - This may result in electric shock, fire, an explosion, or problems with the product.
- Do not cut or remove the grounding prong from the power cord under any circumstances.
- Connect the cooktop to a circuit that provides the correct amperage.
- Do not install this appliance in a humid, oily or dusty location, or in a location exposed to direct sunlight or water (rain drops).
 - This may result in electric shock or fire.
- Do not use a damaged power cord or loose wall socket.
 - This may result in electric shock or fire.
- Do not pull or bend the power cord excessively.
- Do not twist or tie the power cord.
- Do not hook the power cord over a metal object, place a heavy object on the power cord, or insert the power cord between objects.
 - This may result in electric shock or fire.

If the power cord is damaged, contact your nearest Samsung service center.

READ AND SAVE THESE INSTRUCTIONS

IMPORTANT SAFETY INFORMATION

CRITICAL USAGE WARNING

CAUTION

- If the appliance is flooded by any liquid, please contact your nearest Samsung service center. Failing to do so may result in electric shock or fire.
- If the appliance produces a strange noise, a burning smell, or smoke, unplug the power plug immediately and contact your nearest Samsung service center.
 - Failing to do so may result in electric shock or fire.
- In the event of a gas leak (such as propane gas, LP gas, etc.), ventilate the area immediately. Do not touch the power cord. Do not touch the appliance.
 - A spark may result in an explosion or fire.
- Take care not to contact the cooktop surface with your body while cooking or just after cooking.
 - Failing to do so may result in burns.
- Always observe safety precautions when using your cooktop. Never try to repair the cooktop on your own - there is dangerous voltage inside. If the cooktop needs to be repaired, contact an authorized Samsung service center near you.
- If you use the appliance when it is contaminated by foreign substances such as food waste, it may result in a problem with the appliance.
- Do not attempt to repair, disassemble, or modify the appliance yourself.
 - Since a high voltage current enters the product chassis, it may result in electric shock or fire.
 - When a repair is needed, contact your nearest Samsung service center.
- If any foreign substance such as water has entered the appliance, contact your nearest Samsung service center.
 - Failing to do so may result in electric shock or fire.
- Do not touch the power cord with wet hands.
 - This may result in electric shock.
- Do not turn the appliance off while an operation is in progress.
 - This may cause a spark and result in electric shock or fire.
- Keep all packaging materials well out of the reach of children, as packaging materials can be dangerous to children.
 - If a child places a plastic bag over his or her head, the child can suffocate.

READ AND SAVE THESE INSTRUCTIONS

- Do not let children or any person with reduced physical, sensory, or mental capabilities use this appliance unsupervised.
- Keep pets away from the appliance because pets may step on the controls of the appliance, causing a malfunction.
- Make sure that the appliance's controls and cooking areas are out of the reach of children.
 - Failing to do so may result in electric shock, burns, or injury.
- Do not use or place flammable sprays or objects near the cooktop.
 - Flammable items or sprays can cause fires or an explosion.
- Do not insert fingers, foreign substances, or metal objects such as pins or needles into inlets, outlets, or holes. If foreign substances are inserted into any of these holes, contact your product provider or nearest Samsung service center.
- Never use this appliance for purposes other than cooking.
 - Using the appliance for any purpose other than cooking may result in fire.
- Never heat plastic or paper containers and do not use them for cooking.
 - Failing to do so may result in a fire.

- Do not heat food wrapped in paper from magazines, newspapers, etc.
 - This may result in a fire.
- Do not hold food in your bare hands during or immediately after cooking.
 - Use cooking gloves. The food may be very hot and you could burn yourself.
 - As the handle and cooktop surfaces may be hot enough to cause burns after cooking, use cooking gloves to protect your hands from burns.

USAGE CAUTIONS

CAUTION

- If the surface is cracked, turn the appliance off.
 - Failing to do so may result in electric shock.
- Dishes and containers can become hot. Handle with care.
- Hot foods and steam can cause burns. Carefully remove container coverings, directing the steam away from your hands and face.

READ AND SAVE THESE INSTRUCTIONS

IMPORTANT SAFETY INFORMATION

- Remove lids from baby food jars before heating. After heating baby food, stir well to distribute the heat evenly.
Always test the temperature by tasting before feeding the baby. The glass jar or the surface of the food may appear to be cooler than the interior, which can be hot enough to burn an infant's mouth.
- Take care as beverages or food may be very hot after heating.
 - Especially when feeding a child, make sure that the food or beverage has cooled sufficiently.
- Take care when heating liquids such as water or other beverages.
 - Make sure to stir during or after cooking.
 - Avoid using a slippery container with a narrow neck.
 - Wait at least 30 seconds after heating before removing the heated liquid.
 - Failing to do so may result in an abrupt overflow of the contents and cause burns.
- Do not stand on top of the appliance or place objects (such as laundry, lighted candles, lighted cigarettes, dishes, chemicals, metal objects, etc.) on the appliance.
 - This may result in electric shock, fire, problems with the product, or injury.
- Do not operate the appliance with wet hands.
 - This may result in electric shock.
- Do not spray volatile substances such as insecticide onto the surface of the appliance.
 - As well as being harmful to humans, it may also result in electric shock, fire, or problems with the product.
- Do not put your face or body close to the appliance while cooking.
 - Take care that children do not come too close to the appliance.
 - Failing to do so may result in children burning themselves.
- Do not scratch the glass of the cooktop with a sharp object.
 - This may result in the glass being damaged or broken.
- Do not store anything directly on top of the appliance when it is in operation.
- Do not over-heat food.
 - Overheating food may result in a fire.

READ AND SAVE THESE INSTRUCTIONS

CRITICAL CLEANING WARNINGS

CAUTION

- Do not clean the appliance by spraying water directly on to it.
- Do not use benzene, thinner, or alcohol to clean the appliance.
 - This may result in discoloration, deformation, damage, electric shock, or fire.
- Take care not to hurt yourself when cleaning the appliance (externally or internally).
 - You may hurt yourself on the sharp edges of the appliance.
- Do not clean the appliance with a steam cleaner.
 - This may result in corrosion.
- Keep the cooktop surface clean. Food particles or spattered oils stuck to the cooktop surface can cause paint damage and reduce the efficiency of the cooktop.

1. FCC NOTICE

FCC STATEMENT :

This equipment generates and uses ISM frequency energy and if not installed and used properly, that is in strict accordance with the manufacturer's instructions, may cause interference to radio and television reception. It has been type tested and found to comply with limits for ISM Equipment pursuant to part 18 of FCC Rules, which are designed to part 18 of FCC Rules, which are designed to provide residential installation.

However, there is no guarantee that interference will not occur in a particular installation. If this equipment does cause interference to radio or television reception, which can be determined by turning the equipment off and on, the user is encouraged to try to correct the interference by one or more of the following:

- Reorient the receiving antenna of the 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 the microwave oven and the receiver are on different branch codes.

The manufacturer is not responsible for any radio of TV interference caused by unauthorized modification to this microwave oven. It is the responsibility of the user to correct such interference.

READ AND SAVE THESE INSTRUCTIONS

IMPORTANT SAFETY INFORMATION

This equipment has been tested and found to comply with the limits for a Class B digital device, pursuant to part 15 of the FCC Rules. These limits are designed to provide reasonable protection against harmful interference in a residential installation. This equipment generates, uses and can radiate radio frequency energy and, if not installed and used in accordance with the instructions, may cause harmful interference to radio communications. However, there is no guarantee that interference will not occur in a particular installation. If this equipment does cause harmful interference to radio or television reception, which can be determined by turning the equipment off and on, the user is encouraged to try to correct the interference by one or more of the following measures:

- Reorient or relocate the receiving antenna.
- Increase the separation between the equipment and receiver.
- Connect the equipment into an outlet on a circuit different from that to which the receiver is connected.
- Consult the dealer or an experienced radio/TV technician for help.

For Cook Sensor : This device complies with part 15 of the FCC Rules. Operation is subject to the following two conditions:

- 1) This device may not cause harmful interference, and
- 2) This device must accept any interference received, including interference that may cause undesired operation.

READ AND SAVE THESE INSTRUCTIONS

Product	Model Name	RF Spec.
Assist Sensor	CC90F001113	• Bluetooth 5.0 (Bluetooth LE) • Water Resistance IP7X
Wireless Charger	CC90F001213	• Qi method (5 W) • Operating Frequency: 145 kHz

WARNING

Any changes or modifications to this unit not expressly approved by the party responsible for compliance could void the user's authority to operate the equipment.

FCC RF Exposure Requirements

This device complies with FCC RF radiation exposure limits set forth for an uncontrolled environment. The antenna(s) used for this transmitter must not be co-located or operating in conjunction with any other antenna or transmitter and must be installed to provide a separation distance of at least 20 cm from all persons.

For Cook Sensor : This device is intended for use in contact with the human body and meets RF Exposure standards.

2. IC Notice

This device contains licence-exempt transmitter(s)/receiver(s) that comply with Innovation, Science and Economic Development Canada's licence-exempt RSS(s). Operation is subject to the following two conditions:

- 1) This device may not cause interference.
- 2) This device must accept any interference, including interference that may cause undesired operation of the device.
 - CAN ICES(B)/NMB(B)

IC RADIATION EXPOSURE STATEMENT :

This equipment complies with IC RSS-102 radiation exposure limits set forth for an uncontrolled environment. This equipment should be installed and operated so there is at least 8 inches (20 cm) between the radiator and your body. This device and its antenna(s) must not be co-located or operated in conjunction with any other antenna or transmitter.

For Cook Sensor : This device is intended for use in contact with the human body and meets RF Exposure standards.

CALIFORNIA PROPOSITION 65 WARNING

WARNING

Cancer and Reproductive Harm – www.P65Warnings.ca.gov

Preparation

Wi-Fi model

Connecting SmartThings

1. Launch the QR Code Reader app to scan the QR image attached to the product.
2. When the SmartThings app is running, tap '**Add**' to connect the SmartThings app to the product.

Registering the product / Reading the manual / Customer support

1. Launch the QR Code Reader app to scan the QR image attached to the product.
2. When the SmartThings app is running, press '**Product support**'.
3. Select 'Product registration', 'Manual' or 'Customer support'.

* Product registration may not be available in all countries.

Non Wi-Fi model

Registering the product / Reading the manual / Customer support

1. Launch the QR Code Reader app to scan the QR image attached to the product.
2. Select 'Product registration', 'Manual' or 'Customer support'.

* Product registration may not be available in all countries.

READ AND SAVE THESE INSTRUCTIONS

Using the cooktop

For complete information about using the cooktop, see the full user manual at <https://www.samsung.com/us/support/downloads/>
<https://www.samsung.com/ca/support/>
https://www.samsung.com/ca_fr/support/

About Induction, Radiant Cook

CAUTION

BEFORE COOKING

- Do not use the electric cooktop surface as a cutting board.
- Do not place or store items that can melt or catch fire on the electric cooktop, even when it is not being used.
- Turn the electric cooktop on only after placing the cookware on it.
- Do not store heavy items above the cooktop surface. They could fall and damage it.

CAUTION

DURING COOKING

- Use this appliance for normal cooking and frying in the home only. It is not designed for commercial or industrial use.
- Never use the electric cooktop to heat the room.
- Overheated fat and oil can catch fire quickly. Never leave the surface units unattended when preparing foods in fat or oil, for example, when cooking french fries.
- Never place combustible items on the electric cooktop. It may cause a fire.
- There is the risk of burns from the appliance if used carelessly.
- Do not let cables from electrical appliances touch hot cookware or the hot surface of the electric cooktop.
- Do not use the electric cooktop to dry clothes.
- Never store flammable materials such as aerosols and detergents in the drawer or cupboards under the electric cooktop.
- Make sure the correct surface unit is turned on.
- Never cook directly on the glass. Always use cookware.
- Always place the pan in the center of the surface unit you are cooking on.
- Never leave surface units unattended while using a high heat setting. Boilovers cause smoking and greasy spillovers that may catch on fire.
- Turn the cooktop elements off before removing cookware.
- Turn the cooking elements off after use.

CAUTION

DURING COOKING (Only for radiant cooktop)

- Do not place aluminum foil or plastic items such as salt and pepper shakers, spoon holders, or plastic wrappings on the cooktop when it is in use. The hot air from the vent could melt plastics or ignite flammable items.
- Do not use plastic wrap to cover food. Plastic may melt onto the surface and be very difficult to remove.

CAUTION

DURING COOKING (Only for induction cooktop)

- Metallic objects such as knives, forks, spoons, and lids should not be placed on the induction cooktop surface since they can get hot.
- After use, switch off the induction element using its control. Do not rely on the pan detector.
- Take care when plugging electrical appliances into a power outlet near the cooktop. Power cords must not come into contact with the cooktop.
- Do not use the induction cooktop to heat aluminum foil, products wrapped in aluminum foil, or frozen foods packaged in aluminium cookware.
- Users with Pacemakers or Active Heart Implants must keep their upper body at least 1 ft. (30 cm) from the induction cooking zones when they are turned on. If in doubt, you should consult the manufacturer of your device or your doctor.

CAUTION

AFTER COOKING

- Do not touch the cooktop elements until they have cooled down.
- The surface may still be hot and burns may occur if you touch the glass surface before it has cooled down sufficiently.
- Immediately clean spills on the cooking area to prevent tough cleaning later.
- After you have activated elements on the cooktop, the internal fan may come on for cooling purposes.
- The fan activation time may differ depending on the temperature of the internal sensor. (10 minutes or 20 minutes)
- If cabinet storage is directly above the cooking surface, make sure that the items are infrequently used and can be safely stored in an area subjected to heat. Temperatures may be unsafe for items such as volatile liquids, cleaners, or aerosol sprays.

⚠ CAUTION

If the cooktop is installed above an oven, do not use the cooktop while the oven's Self-cleaning function is on.

📖 NOTE

Radiant elements have a limiter that allows the element to cycle ON and OFF, even at the HI setting. This helps to prevent damage to the ceramic cooktop. Cycling at the HI setting is normal and can occur if the cookware is too small for the radiant element or if the cookware bottom is not flat.

Cooking areas

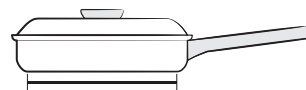
- The cooking areas on your cooktop are identified by permanent circles on the glass cooking surface. For the most efficient cooking, fit the pan size to the element size.
- **Pans should not extend more than $\frac{1}{2}$ " to 1" beyond the cooking area.**
- When a control is turned on, a glow can be seen through the glass cooking surface. **The element will cycle on and off to maintain the preset heat setting, even at high settings.**
- For more information on selecting proper cookware, refer to the "Using the proper cookware" section on this Simple Manual, or the full user manual.

Using the proper cookware

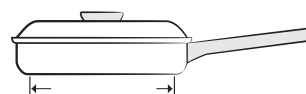
For detail information about the cookware, see the full user manual at
<https://www.samsung.com/us/support/downloads/>
<https://www.samsung.com/ca/support/>
https://www.samsung.com/ca_fr/support/

The cookware used with the cooktop surface should have flat bottoms that make good contact with the entire surface of the Cooking Zone. Check for flatness by rotating a ruler across the bottom of the cookware. Be sure to follow all the recommendations for using cookware.

CORRECT



Flat pan bottom & straight sides.



Pan size meets or exceeds the recommended minimum size for the Cooking Zone. See "Using the correct size cookware".

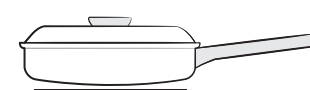


Pan rests completely on the Cooktop surface.

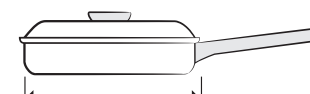


Pan is properly balanced.

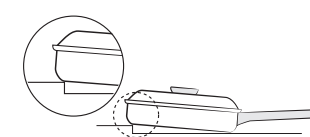
INCORRECT



Curved or warped pan bottoms or sides.



Pan does not meet the minimum size required for the Cooking Zone used. See "Using the correct size cookware".



Pan bottom rests on cooktop trim or does not rest completely on the cooktop surface.



Heavy handle tilts pan.

📖 NOTE

ANY one of the incorrect conditions listed above may be detected by the sensors located below the ceramic cooktop surface. If the cookware does not meet one or more of these conditions, one or more of the Cooking Zones will not heat, and settings will flash in the affected Cooking Zone display. Correct the problems before attempting to activate the cooktop.

Using the cooktop

Cookware for induction cooking zones

The Induction element can only be turned on when cookware with a magnetic base is placed on one of the cooking zones. You can use the cookware identified as suitable below.

Cookware material

Cookware material	Suitable
Steel, Enamelled steel	Yes
Cast iron	Yes
Stainless steel	If appropriately labelled by the manufacturer
Aluminium, Copper, Brass	No
Glass, Ceramic, Porcelain	No

NOTE

- Cookware appropriate for induction cooking is labelled as suitable by the manufacturer.
- Certain cookware can make noise when being used on induction cooking zones. These noises do not indicate that the cooktop is malfunctioning and do not affect its operation in any way.

Pot and pan sizes

Induction cooking zones adapt automatically to the size of the bottom of the cookware up to a certain limit. However the magnetic part of the bottom of the cookware must have a minimum diameter depending upon the size of the cooking zone.

Using suitable induction cookware

Suitability test

Cookware is suitable for induction cooking if a magnet sticks to the bottom of the cookware and the cookware is labelled as suitable by the cookware manufacturer.

Better pans produce better results

- You can recognize good pots and pans by their bases. The base should be as thick and flat as possible.
- When buying new pots or pans, pay particular attention to the diameter of the base. Manufacturers often give only the diameter of the upper rim.
- Do not use pans which have damaged bases with rough edges or burrs. You can scratch the ceramic cooktop permanently if you slide a pot or pan with a damaged base across the surface.
- When cold, pan bases are normally bowed slightly inwards (concave). They should never be bowed outwards (convex).
- If you want to use a special type of pot or pan, for example, a pressure cooker, a simmering pan, or a wok, please follow the manufacturer's instructions.

Energy saving tips

You can save valuable energy by observing the following points:

- Always position pots and pans before switching on the cooking zone.
- Dirty cooking zones and pan bases increase power consumption.
- When possible, position lids firmly on pots and pans so that the lids cover them completely.
- Switch the cooking zones off before the end of the cooking time and use the residual heat to keep food warm.

Maintenance

Cleaning

For more thorough and complete cleaning instructions, please see the full user manual at
<https://www.samsung.com/us/support/downloads/>
<https://www.samsung.com/ca/support/>
https://www.samsung.com/ca_fr/support/

Protecting the cooktop surface

Cleaning

- Clean the cooktop before using it for the first time.
- Clean your cooktop daily or after each use. This will keep your cooktop looking good and can prevent damage.
- If a spillover occurs while you are cooking, immediately clean the spill while it is hot to prevent a tough cleaning chore later. Using extreme care, wipe the spill with a clean, dry towel.
- Do not allow spills to remain on the cooking area or the cooktop trim for a long period of time.
- **Do not** use abrasive cleansing powders or scouring pads, which will scratch the cooktop.
- **Do not** use chlorine bleach, ammonia, or other cleansers not specifically recommended for use on a glass-ceramic surface.

Preventing marks and scratches

- Do not use glass cookware. It may scratch the cooktop.
- **Do not** place a trivet or wok ring between the cooktop and a pan or wok. These items can mark or scratch the cooktop.
- Make sure the cooktop and the pan bottom are clean.
- **Do not** slide metal pans across the cooktop.

Preventing stains

- **Do not** use a soiled dish cloth or sponge to clean the cooktop surface. A film will remain, which may cause stains on the cooking surface after the area is heated.
- Continuously cooking on a soiled surface can result in a permanent stain.

Preventing other damage

- Do not allow plastic, sugar, or foods with high sugar content to melt onto the hot cooktop. Should this happen, clean immediately.
- Do not let a pan boil dry as this will damage the cooktop and the pan.
- **Do not** use the cooktop as a work surface or cutting board.
- **Do not** cook food directly on the cooktop. Always use the proper cookware.

Care and cleaning of the glass cooktop

Normal daily use cleaning

Use only a ceramic cooktop cleaner. Other creams may not be as effective.

By following these steps, you can maintain and protect the surface of your glass cooktop.

1. Before using the cooktop for the first time, clean it with a ceramic cooktop cleaner.
 - This helps protect the top and makes cleanup easier.
 - Daily use of a ceramic cooktop cleaner will help keep the cooktop looking new.
2. Shake the cleaning cream well. Apply a few drops of cleaner directly to the cooktop.
3. Use a paper towel or a cleaning pad for ceramic cooktops to clean the entire cooktop surface.
4. Use a dry cloth or paper towel to remove all cleaning residue. No need to rinse.

WARNING

DAMAGE to your glass surface may occur if you use scrub pads other than those recommended.

Maintenance

Removing burned-on residue

1. Allow the cooktop to cool.
2. Spread a few drops of ceramic cooktop cleaner on the entire burned residue area.
3. Using a cleaning pad for ceramic cooktops, rub the residue area, applying pressure as needed.
4. If any residue remains, repeat the steps listed above as needed.
5. For additional protection, after all residue has been removed, polish the entire surface by applying ceramic cooktop cleaner with a paper towel.

Removing heavy, burned-on residue

1. Allow the cooktop to cool.
2. Use a single-edge razor-blade scraper at approximately a 45° angle against the glass surface and scrape the soil. It will be necessary to apply pressure to remove the residue.
3. After scraping with the razor scraper, spread a few drops of ceramic cooktop cleaner on the entire burned residue area. Use a cleaning pad to remove any remaining residue. (Do not scrape the seal around the edges of the cooktop.)
4. For additional protection, after all residue has been removed, polish the entire surface by applying ceramic cooktop cleaner with a paper towel.

Removing metal marks and scratches

1. Be careful not to slide pots and pans across your cooktop. It will leave marks on the cooktop surface. You can remove these marks by applying ceramic cooktop cleaner with a cleaning pad for ceramic cooktops.
2. If pots with a thin overlay of aluminum or copper are allowed to boil dry, the overlay may leave black discoloration on the cooktop. You should remove this discoloration immediately or it may become permanent.

WARNING

Carefully check the bottoms of pans for roughness that may scratch the cooktop.

Cleaning the cooktop seal

To clean the seal around the edges of the glass, lay a wet cloth on it for a few minutes, then wipe clean with a nonabrasive cleaner.

Potential for permanent damage to the glass surface

- Sugary spillovers (such as jellies, fudge, candy, syrups) or melted plastics can cause pitting of the surface of your cooktop. This is not covered under the warranty. You should clean the spill while it is still hot. Take special care when removing hot substances. Refer to the section below.
- When using a scraper, be sure it is new and the razor blade is still sharp. Do not use a dull or nicked blade.

Cleaning sugary spills and melted plastic

1. Turn off all surface units. Remove hot pans.
2. Wearing an oven mitt, use a single-edge razor-blade scraper to move the spill to a cool area of the cooktop. Remove the spill with paper towels.
3. Any remaining spillover should be left until the surface of the cooktop has cooled.
4. Don't use the surface units again until all of the residue has been completely removed.

NOTE

If pitting or indentations in the glass surface have already occurred, the cooktop glass will have to be replaced. In this case, service will be necessary.

Troubleshooting

Samsung works hard to ensure that you don't have problems with your new electric cooktop. If you run into unexpected trouble, look first for a solution in the tables below. If you're still having trouble after trying the suggested solution, call Samsung at 1-800-SAMSUNG (1-800-726-7864).

Problem	Possible cause	Solution
The surface units will not maintain a rolling boil or will not cook fast enough.	You may be using inappropriate cookware.	Use pans which are flat and match the diameter of the surface unit selected.
	In some areas, the power (voltage) may be low.	Cover the pan with a lid until the desired heat is obtained.
The surface units will not turn on.	A fuse in your home may be blown or a circuit breaker may have tripped.	Replace the fuse or reset the circuit breaker.
	The cooktop controls are set improperly.	Check if the correct control is set for the surface unit you are using.
Areas of discoloration on the cooktop.	Food spillover was not cleaned.	Refer to the section on the care and cleaning of the glass cooktop on page 17 .
	The surface is hot and the model features a light-colored cooktop.	This is normal. The surface may appear discolored when it is hot. This is temporary and will disappear as the glass cools.
The surface unit frequently cycles on and off.	The element will cycle on and off to maintain the power setting.	This is normal operation, and not a system failure. Cycling at the high power setting is normal and can occur if the cookware is too small for the cooktop element or if the cookware bottom is not flat. Use the cooktop as usual.

Problem	Possible cause	Solution
Scratches or abrasions on the cooktop surface.	The cooktop is being cleaned improperly.	Scratches are not removable. Tiny scratches will become less visible in time as a result of cleaning. Use ceramic glass top cleaning cream. Do not use chemical or corrosive agents. These agents may damage the surface of the product.
	Cookware with rough bottoms was used on the cooktop or there were coarse particles (eg. salt or sand) present between the cookware and the surface of the cooktop.	To avoid scratches, follow the recommended cleaning procedures. Make sure cookware bottoms are clean before use, and use cookware with smooth bottoms.
	Cookware has been slid across the cooktop surface.	
Brown streaks or specks.	Boilovers have been cooked onto the surface.	Wait until the surface cools down. Then, use a single-edge razor-blade scraper at approximately a 45° angle against the glass surface to remove the soil. See the section on the care and cleaning of the glass cooktop on page 17 .

Troubleshooting

Problem	Possible cause	Solution
Areas of discoloration with metallic sheen.	Mineral deposits from water and food have been left on the surface of the cooktop.	Remove using a ceramic-glass cooktop cleaning cream. Use cookware with clean, dry bottoms. Clean the cooktop with a ceramic cleaning agent regularly every week.
"Cracking" or "popping" sound.	This is the sound of the metal heating and cooling during cooking.	This is normal operation, and not a system failure. Use the cooktop as usual.

Appendix

Model name & serial number

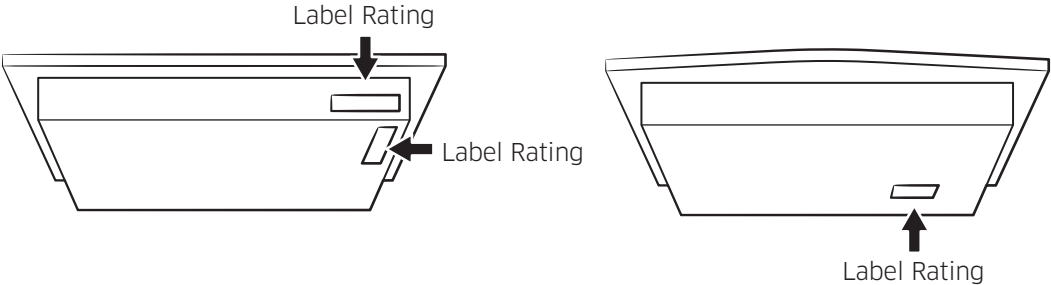
Both the model name and the serial number are labeled underneath or side of the cooktop.

For later use, write down the information onto the current page.

Model Name _____

Serial Number _____

Memo



Scan the QR code* or visit www.samsung.com/spsn to view our helpful How-to Videos and Live Shows

* Requires reader to be installed on your smartphone

Please be advised that the Samsung warranty does NOT cover service calls to explain product operation, correct improper installation, or perform normal cleaning or maintenance.

QUESTIONS OR COMMENTS?

COUNTRY	CONTACT CENTER	WEB SITE
U.S.A Consumer Electronics	1-800-SAMSUNG (726-7864)	www.samsung.com/us/support
CANADA	1-800-SAMSUNG(726-7864)	www.samsung.com/ca/support (English) www.samsung.com/ca_fr/support (French)



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