

JENN-AIR



Use and Care Manual
Radiant Cooktop

MODEL CCR466B





SAFETY PRECAUTIONS

Read before operating your cooktop

All appliances — regardless of the manufacturer — have the potential through improper or careless use to create safety problems. Therefore the following safety precautions should be observed:

1. Be sure your appliance is properly installed and grounded by a qualified technician.
2. Never use your appliance for warming or heating the room.
3. Children should not be left alone or unattended in area where appliance is in use or still hot. They should never be allowed to sit or stand on any part of the appliance.
4. Wear proper apparel. Loose-fitting or hanging garments should never be worn while using the appliance.
5. Do not repair or replace any part of the appliance unless specifically recommended in this manual. All other servicing should be referred to an authorized Jenn-Air Service Contractor.
6. Flammable materials should not be stored near surface units.
7. Do not use water on grease fires. Smother fire or flame or use dry chemical or foam-type extinguisher.
8. Use only dry potholders. Moist or damp potholders on hot surfaces may result in burns from steam. Do not let potholder touch hot heating elements. Do not use a towel or other bulky cloth.
9. Use proper pan size. Many appliances are equipped with one or more surface units of different size. Select cookware having flat bottoms large enough to cover the surface unit heating element. The use of undersized cookware will expose a portion of the heating element to direct contact and may result in ignition of clothing. Proper relationship of cookware to heating element will also improve efficiency and performance.

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10. Never leave surface units unattended at high heat settings. Boil over may cause smoking and greasy spillovers that may ignite.
 11. Glazed cookware — only certain types of glass, glass-ceramic, ceramic, earthenware, or other glazed cookpots are suitable for cooktop surface without breaking due to the sudden change in temperature. Use only such cookware as you know have been approved for this purpose.
 12. Cookware handles should be turned inward and not extend over adjacent surface heating elements to avoid burns, ignition of flammable materials and spillage due to unintentional contact with the cookware.
 13. CAUTION — Do not store items of interest to children in cabinets above a cooktop — children climbing on the cooktop to reach items could be seriously injured.
 14. 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 these areas until they have had sufficient time to cool.
 15. Do not cook on glass-ceramic cooking surface if the cooktop is broken. Cleaning solutions and spillovers may penetrate the broken cooktop and create a shock hazard. Contact an authorized Jenn-Air Service Contractor.
 16. Clean glass with caution. If wet sponge or cloth is used to wipe spills on a hot cooking area, be careful to avoid steam burns. Some cleansers can produce noxious fumes if applied to a hot surface.
 17. Do not operate with damaged cooking element after any product malfunction until proper repair has been made.
 18. Keep all controls “OFF” when unit is not in use.
 19. Clean only parts listed in this manual and use procedures recommended.

—SAVE THESE INSTRUCTIONS—



About Your Jenn-Air

Congratulations on your choice of a Jenn-Air radiant cooktop. The four cooking areas are identified by circles on the ceramic cooktop. When an element is turned ON, the element under the cooktop will heat up and the red glow of the wire can be seen through the ceramic top. The element will cycle on and off for all control settings except HI. It is normal to see the red glow of the element whenever it cycles on.

For best results, always use proper cookware. Cookpots should be about the same diameter as the cooking area and should be centered to be energy efficient.

The ceramic cooking area retains heat for a period of time after the elements have been turned off. Put this residual heat to good use. Turn the element off a few minutes before food is completely cooked and use the retained heat to complete the cooking operation. Because of this heat retention characteristic, the elements will not respond to changes in heat settings as quickly as coil elements.

Before you begin cooking with your new cooktop, please take a few minutes to read and become familiar with the instructions in this book. On the following pages you will find a wealth of information regarding all aspects of using your new cooktop. By following the instructions carefully, you will be able to fully enjoy and properly maintain your cooktop and achieve excellent results with the food you prepare.

Should you have any questions about using your Jenn-Air cooktop, write to us. Be sure to provide the model number.

Consumer Relations Department
Jenn-Air Company
3035 Shadeland Avenue
Indianapolis, Indiana 46226-0901



Control Settings



- 1.
- 2.
- 3.
- 4.

Control Locations

1. Left rear heating element
2. Left front heating element
3. Right rear heating element
4. Right front heating element

Hot Indicator Light

A red light will come on to indicate that the cooking area is hot and will remain on until the area has cooled.



To Set Controls

- Since the controls are a push-turn type, they must be pushed down before turning. To set (from the OFF position), push down on control knob and turn in either direction to desired heat setting.
- When control is in any position other than OFF, it may be turned in any direction without pushing down.
- A red indicator light on the cooktop will glow when a surface heating element is turned on.

Suggested Control Settings

The size and type of cookware and the amount and type of food being cooked will influence the setting needed for best cooking results. Electrical voltage may also vary; this will affect the needed control setting. The setting indicated should serve as a guide while you become familiar with your cooktop.

- HI** A fast heat to start cooking quickly, to bring liquids to a boil, to preheat oil for deep fat frying.
- 7-10** (Medium High) For fast frying or browning foods, to maintain rapid boil of large amounts of food, to maintain oil temperature for deep fat frying.
- 7-6** (Medium) For foods cooked in a double boiler, sautéing, slow boil of large amounts of food, and most frying.
- 3-4** (Medium Lo) To continue cooking foods started on higher settings.
- LO-2** Maintaining serving temperatures of foods, simmering foods, melting butter or chocolate.

The heat controls offer flexibility in heat setting selection. On settings other than HI, you may adjust the controls above or below the numbered setting for best results. Suggested settings are provided as general guidelines.

Additional Tips:

- When preparing foods which can be easily scorched or over-cooked, start cooking at a lower temperature setting and gradually increase temperature as needed.
- A higher setting than normal may be necessary when using cookpots made with material that is slow to conduct heat, such as cast iron.
- A lower setting can be used when cooking small quantities of foods or when using a cookpot that conducts heat quickly.



Cookware

To achieve optimum cooking performance, use *heavy gauge, flat, smooth bottom* cookpots that conform to the diameter of the cooking area. Proper cookpots will minimize cooking times, use less electricity, cook food more evenly and require less water or oil.

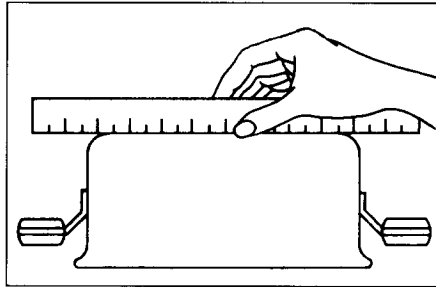
Cookpots with thin, uneven bottoms do not adequately conduct heat from the cooking area to the food in the cookpot which result in hot spots, burned or underdone food. Using bad cookpots also requires more water, time, and energy to cook food.

Selecting Proper Cookware

- **Select heavy gauge cookpots.** Usually heavy gauge cookpots will not change shape when heated.
- **Use cookpots with flat, smooth bottoms.** The two ways to determine if cookpots have a flat, smooth bottom are the ruler test and the cooking test.

Ruler Test:

1. Place the edge of a ruler across the bottom of the pan.
2. Hold up to the light.
3. No light should be visible under the ruler.



Cooking Test:

1. Put 1 inch of water into the cookpot.
2. Place cookpot on the cooking area. Turn control to the HI setting.
3. Observe the bubble formation to determine the heat distribution. If the bubbles are uniform across the cookpot, the cookpot will perform satisfactorily. If the bubbles are not uniform, the bubbles will indicate the hot spots.

- **Match the size of the cookpot to the size of the element.**
- **Do not use a small pan on a large element.** Not only can this cause the element to require more energy and time, but can also result in spillovers burning onto the cooking area resulting in a cleaning chore.

Home Canning

Acceptable canning pots should not be oversized and must have a flat bottom. When canners do not meet these standards, the use of the HI heat setting becomes excessive and may result in damage to the cooktop. In addition, water may not come to a boil and canners may not reach 10 lb. of pressure.

The acceptable canning procedure uses the HI setting just long enough to bring the water to a boil, then lower the setting to maintain the water temperature.

Improper Cookware

- Cookware that does not have *flat* bottoms.
- Thin, uneven, grooved or rough bottom cookpots.
- Unbalanced cookware that does not rest flatly.
- Cookware that extends more than 1 inch beyond the cooking area.
- Nonflat specialty items that are oversized, uneven or do not meet proper cookware specifications such as round bottom woks with rings, griddles, rippled bottom canners, lobster pots, large pressure canners, etc.
- Avoid cookpots with convex, concave, or those that have irregular bottoms, such as those with rims or ripples. These cookpots not only cause the element to cycle off but can also cause stains which may be difficult or impossible to remove.
- Test cast ironware since all are not flat. Also be cautioned against possible “impact damage” should the heavy cookpot be dropped on the glass-ceramic surface.

Characteristics of Materials

Heavy gauge cookpots with flat, smooth bottoms will generally work similarly. There are some differences in the cooking performance of various materials.

- *Aluminum* cookpots heat quickly and evenly. Best suited for simmering, braising, boiling and frying.
NOTE: Aluminum cookpots will cause metal marks on the glass if you slide them across the cooktop. Remove metal marks immediately.
- *Stainless steel* cookpots will evenly distribute heat if constructed of tri-ply or combined with other metals such as aluminum and copper. Use for cooking functions similar to aluminum.
- *Cast iron* cookpots are slow to heat but cook more evenly once temperature is reached. Use for long term low heat cooking or for browning and frying.
- *Porcelain enamel-on-steel or porcelain enamel-on-cast iron* should be used according to manufacturer’s directions. Do not allow to boil dry.
- *Glass ceramic, earthenware, heatproof glass or glazed* cookpots may scratch the ceramic cooktop and are therefore not recommended.



Cooking Procedures

IMPORTANT

During the first few hours of use, you may notice that the surface elements emit a slight burning odor and a light smoke. Both of these conditions are normal and are caused by the insulation material of the heating elements in a new glass-ceramic cooktop.

- **BEFORE FIRST USE, CLEAN COOKTOP (see p. 9)**
- Make sure bottom of cookware is clean before placing on cooktop.
- Cover cookware with lids to shorten cooking time and save energy. This is especially important when cooking large quantities of food.
- Use as little water to cook food as is necessary. Covered cookware requires less water.
- To take advantage of the retained heat, turn the element off 5-10 minutes before food is ready and it will continue to cook.

IMPORTANT

- Do not use wire trivets, fire rings, pads or any such item between the cookware and the element.
- Do not cook foods directly on cooktop.
- Do not allow pan to boil dry as this could damage the cooktop and the pan.
- Do not slide heavy metal cookpots across surface since these may scratch the surface.
- Do not use aluminum foil, disposable foil pans (such as those packaged with popcorn) or foil wrapped food bundles on cooktop since this can permanently mark the surface.
- Do not use or place plastic items anywhere on cooktop.



Cleaning and Care

BEFORE CLEANING, BE CERTAIN ALL ELEMENTS ARE TURNED OFF AND THE COOKTOP IS COOL.

Glass-ceramic Top

CAUTION: Do NOT use a cooktop cleaner on a hot cooktop. The fumes can be hazardous to your health, and can chemically attack the glass-ceramic surface.

- For general daily cleaning and light surface soil, use a clean dishcloth or paper towel and wash surface with solution of water and any of these cleansers: dishwashing liquid such as Ivory or Joy, baking soda, fine polishing powders such as Bon Ami, or commercial ceramic cooktop cleansers, such as Elco Cooktop Cleaning Creme (Part No. 20000001). Wipe with clean damp cloth or paper towel. Rinse and dry thoroughly.
- To remove residue from burned on spills, make a paste of water and baking soda or Bon Ami, Bar Keepers Friend, Comet, Shiny Sinks or nonabrasive soft scrubbing cleansers, such as Elco Cooktop Cleaning Creme (Part No. 20000001). Scrub with paper towels, nylon or plastic scrubber, such as Tuffy. Rinse and dry thoroughly. If stain is not removed easily, allow paste to remain on surface for 30 to 40 minutes. Keep moist by covering with wet paper towel.
- To remove burned on spot, use a single edge razor blade. Place blade edge on cooktop at 30° angle; scrape off spot. Clean remainder of soil with method described above.

Avoid Damage to Cooktop

- Do not allow plastic objects, sugar, or foods with high sugar content to melt onto the hot cooktop. Melted materials can cause permanent damage to the cooktop. If you accidentally melt anything onto the cooktop, remove it immediately while the cooktop is still hot. Carefully, use a razor blade held with a pot holder to remove melted on material.
- Do not use aluminum foil or foil-type containers under any circumstances. Aluminum foil will damage the cooktop if it melts onto the glass. If metal melts on cooktop, do not use. Call an authorized Jenn-Air Service Contractor.
- Do not use the glass-ceramic cooktop as a cutting board.
- Do NOT use abrasive cleansing powders or scouring pads (including metal scouring pads), which will scratch the cooktop.
- Do NOT use chlorine bleach, ammonia, rust removers, oven cleaners, or other cleanser not specifically recommended for use on glass-ceramic.

Save on Clean-up Time

- Make sure bottoms of cookpots are always clean and dry. Before using cookpots on the glass-ceramic cooktop for the first time, and periodically as needed, clean the bottoms with scouring pads or other cleansers. Rinse and dry thoroughly. Soil from the cookpot bottom can be transferred to the cooktop surface.
- Make it a practice to wipe cooktop surface with a *clean* damp cloth or paper towel *before* each use; dry thoroughly. Invisible spatters, dust specks, cleansers or water can cause stains that appear after unit is heated. A sponge or dishcloth which is not clean will leave film and soil laden detergent water which may cause stains on surface after area is heated.
- When frying, use a spatter shield to reduce spattering.
- Use correct heat settings and cookware large enough to hold food and liquid to prevent boilovers and spattering.
- If a bad spillover occurs while cooking, spills may be cleaned from the cooktop while it is hot to prevent a tough cleaning chore later. Using extreme care, wipe with a clean damp towel. Be careful to avoid burns from steam or hand touching the hot cooktop.

Control Knobs

The knobs can be removed with the controls in the OFF position. Pull each knob straight from the shaft. Wash knobs in warm soapy water or dishwasher; do not use abrasive cleansers or materials. To replace each knob, match flat part of knob opening with the flat part on the shaft, returning in OFF position.



Before You Call for Service

Check the following list to be sure a service call is really necessary. A quick reference of this manual may prevent an unnecessary service call.

If surface indicator lights or elements fail to come on:

- check for a blown circuit fuse or a tripped main circuit breaker.
- check if cooktop is properly connected to electric circuit in house.

If cooktop elements do not get hot enough:

- surface controls may be improperly set.
- cookware may not be flat or the correct size or shape.
- voltage to house may be low.

If elements emits a slight odor and/or smoke when first turned on:

- this is normal (see page 8).

If tiny scratches or abrasions appear on cooktop:

- coarse particles (i.e. sugar, dust, salt) was between cookware bottoms and cooktop.
- incorrect cleaning materials were used to clean cooktop.
- glass cookware was slid across the cooktop.
- cookware with rough bottoms was used.

If metal-markings appear on cooktop:

- metal cookpots or utensils were slid across the cooktop.

If brown streaks and/or areas of discoloration with a metallic sheen appear on cooktop:

- boilovers burned onto the cooktop.
- mineral deposits from water or food burned onto the cooktop.
- soil from cookpot bottom was transferred to the cooktop.
- incorrect cleaning materials were used.

If You Need Service

- call the dealer from whom your appliance was purchased or the authorized Jenn-Air Service Contractor listed in the Yellow Pages. Your Jenn-Air Service Contractor can provide better and faster service if you can accurately describe problems and give model and serial number of the appliance. Be sure to retain proof of purchase to verify warranty status. Refer to WARRANTY for further information of owner's responsibilities for warranty service.
- If the dealer or service company cannot resolve the problem, write to MAYCOR Parts and Service Co., P.O. Box 2370, Cleveland, TN 37320-2370, 615-472-3333
- use and care manuals, service manuals, and parts catalogs are available from MAYCOR for a nominal charge.

All specifications subject to change by manufacturer without notice.

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