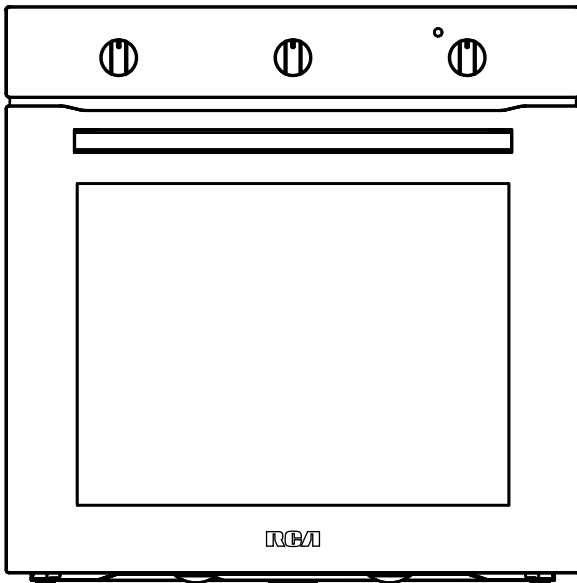




Installation Instructions

Built-in Electric Wall Oven
R-WOEC241SS



Important: Read and save these instructions.
For residential use only.

Installer: Please leave these instructions with this unit for the owner.

Owner: Please retain these instructions for future reference.

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Oven Safety

Read All Instructions Before Using the Appliance

Your safety and the safety of others are very important.

We have provided many important safety messages in this manual and on your appliance. Always read and obey all safety messages.



This is the safety alert symbol.

This symbol alerts you to potential hazards that can kill or hurt you and others.

All safety messages will follow the safety alert symbol and either the word "WARNING" or "CAUTION." These words mean:



You can be killed or seriously injured if you don't follow instructions.



A potentially hazardous situation which, if not avoided, could result in minor or moderate injury.

All safety messages will tell you what the potential hazard is, tell you how to reduce the chance of injury, and tell you what can happen if the instructions are not followed.

California Proposition 65 Warning

 **WARNING:** Cancer and Reproductive Harm - www.P65Warnings.ca.gov.

WARNING

- This appliance is intended for normal residential use. It is not approved for commercial use, outdoor installation, or any other application not specifically allowed by this manual.
- This appliance requires connection to a 3-prong or 4-prong, 240VAC single-phase (split-phase), 60Hz grounded electrical source dedicated to the appliance. When installed, appliance must be electrically grounded in accordance with local codes or, in the absence of local codes, with the National Electrical Code, NFPA 70 or the Canadian Electric Code, CSA C22.1-02.
- Proper installation is the responsibility of the installer. Any adjustment and service should be performed only by qualified oven installers or service technicians. The manufacturer is not responsible for any injury or damage that may result from incorrect or defective installation by unauthorized personnel.
- Product failure due to improper installation is not covered under warranty.
- Do not use a steam cleaner to clean the appliance.
- This appliance is not intended to be operated with separate remote control system.

Installation Requirements

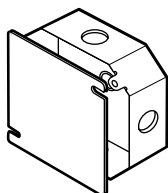
Tools and Parts

Gather the required tools and parts before starting installation. Read and follow the instructions provided with any tools listed here.

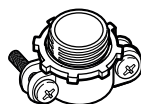
Tools Needed

- Tape measure
- Phillips screwdriver
- Level
- Marker or pencil
- Drill and drill bit (for wall cabinet installations)
- Safety glasses
- Gloves

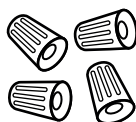
Parts Needed



Junction box



Conduit connector
(UL listed or CSA approved)

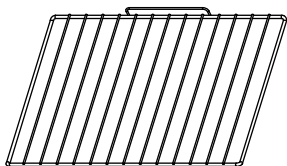


Wire connectors
(UL listed or CSA approved)

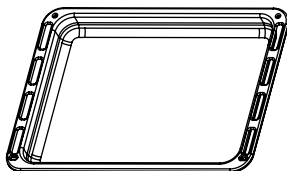


36" (91 cm) of string

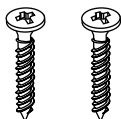
Parts Supplied



Oven racks (2)



Baking tray



Mounting screws (2)



Mounting screw sleeves (2)

Note:

- To purchase these replacement parts or any other accessories, please visit www.fgsbrands.com/rca-parts or reference the contact information at the end of this manual.

Location Requirements

IMPORTANT: Observe all governing codes and ordinances.

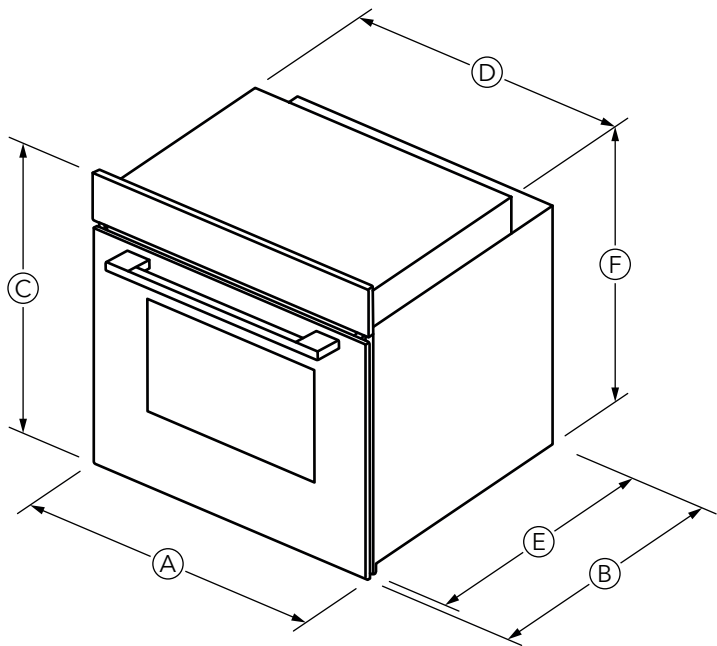
- Cabinet opening dimensions that are shown must be used. Given dimensions provide minimum clearance with oven.
- Recessed installation area must provide complete enclosure around the recessed portion of the oven.
- To ensure adequate ventilation, the back panel of the cabinet unit must be removed.
- Oven support surface must be solid, level and flush with bottom of cabinet cutout.
- Floor must be able to support a single oven weight of 64 lbs (29 kg) plus food load of 30 lbs (14 kg).
- Installing the oven so that it rests on two strips of wood is preferable. If the oven rests on a continuous, flat surface, there must be an aperture of at least 1 ¾" x 22" (45 x 560 mm).
- Be sure the oven is securely installed in a cabinet that is firmly attached to the house structure. Weight on the oven door could cause the oven to tip and result in injury. Never allow anyone to climb, sit, stand or hang on the oven door.
- Grounded electrical supply is required. See "Electrical Requirements" section.
- For undercounter installation, it is recommended that the junction box be located in the adjacent right or left cabinet.

IMPORTANT: To avoid damage to your cabinets, check with your builder or cabinet supplier to make sure that the materials used will not discolor, delaminate, or sustain other damage. Ensure that the glue of cabinets made of veneered wood can withstand temperatures of at least 212°F (100°C). Plastic or glues that cannot withstand such temperatures will melt and deform the cabinet housing.

Product Dimensions

Your model may appear different from the model depicted. Dimensions given are maximum dimensions.

Model: R-WOEC241SS



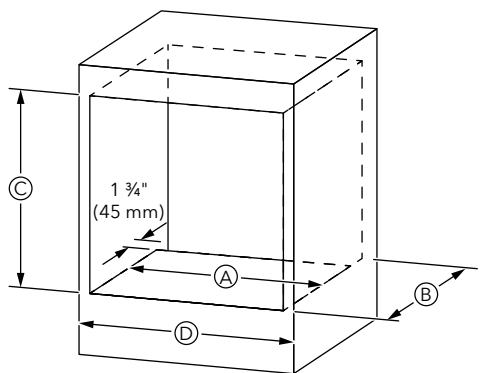
Dimensions	Letter	Measurements
Width (Overall)	A	23 3⁄8" (59.4 cm)
Depth (Overall)	B	22 5⁄8" (57.5 cm)
Height (Overall)	C	23 3⁄8" (59.4 cm)
Width (Recessed)	D	21 7⁄8" (55.5 cm)
Depth (Recessed)	E	21 13⁄16" (55.4 cm)
Height (Recessed)	F	22 13⁄16" (58.0 cm)

Cutout Dimensions

The oven can be installed in a wall cabinet unit or under the counter.

IMPORTANT: Some cabinet and building materials are not designed to withstand the heat produced by the oven for baking and self-cleaning. Check with your builder or cabinet supplier to make sure that the materials used will not discolor, delaminate or sustain other damage.

Given dimensions are minimum clearances.



Dimensions	Letter	Measurements
Width (Cutout)	A	22 1/4" (56.5 cm)
Depth (Cutout)	B	23 9/16" (59.9 cm)
Height (Cutout)	C	22 13/16" (58.0 cm)
Cabinet Width	D	23 7/8" (60.6 cm)

Note:

- If the cabinet does not have a front frame and the sides are less than 3/4" (1.9 cm) thick, shim both sides equally to establish the cutout width.
- These ovens are not approved for installations that stack one single wall oven above another single wall oven.

Electrical Requirements



Electrical Shock Hazard

- Do not use an extension cord with this appliance.
- Remove house fuse or open circuit breaker before beginning installation.
- Improper connection of aluminum house wiring to copper leads can result in an electrical hazard or fire. Use only connectors designed for joining copper to aluminum and follow the manufacturer's recommended procedure closely.

Electrical Grounding Instructions

- This appliance must be properly grounded.
- Do not ground to a gas pipe.
- Check with a qualified electrician if you are in doubt as to whether the appliance is properly grounded.

U.S.A. Only

Be sure that the electrical connection and wire size are adequate and in conformance with the National Electrical Code, ANSI/NFPA No. 70 - latest edition and all local codes and ordinances.

A copy of the above code standards can be obtained from:

National Fire Protection Association
1 Batterymarch Park
Quincy, MA 02169

Canada Only

Be sure that the electrical connection and wire size are adequate and in conformance with the CSA Standard C22.1, Canadian Electrical Code, Part 1 - latest edition and all local codes and ordinances.

A copy of the above code standards can be obtained from:

Canadian Standards Association
178 Rexdale Blvd.
Toronto, ON M9W 1R3 CANADA

Electrical Connection

If codes permit and a separate ground wire is used, it is recommended that a qualified electrical installer determine that the ground path and wire gauge are in accordance with local codes.

WARNING: Improper connection of the equipment-grounding conductor can result in a risk of electric shock. Check with a qualified electrician or service technician if you are in doubt as to whether the appliance is properly grounded.

To properly install your appliance, you must determine the type of electrical connection you will be using and follow the instructions provided for it here.

- This appliance must be supplied with the proper voltage and frequency, and connected to an individual (dedicated to the appliance), properly grounded branch circuit, protected by a circuit breaker or fuse. See the rating plate located on the oven frame to determine the product rating.
- Use the table below to determine the minimum recommended dedicated circuit protection.

Model	Voltage, Frequency	Recommended Circuit
R-WOEC241SS	240 V, 60 Hz	Min. 12 Amp
	208 V, 60 Hz	Min. 10 Amp

- A single-phase (split-phase), 3-wire or 4-wire, 120/208 VAC or 120/240 VAC, 60 hertz electrical system must be used. It is the personal responsibility of the oven owner to provide the correct electrical service for this oven.
- This appliance is manufactured with the ground (green or bare) wire connected to the oven chassis.
- Effective January 1, 1996, the National Electrical Code requires that new construction (not existing) utilize a 4-conductor connection to an electric oven. When installing an electric oven in new construction, mobile home, recreational vehicle, or an area where local codes prohibit grounding through the neutral conductor, refer to the section on 4-wire connections
- An appropriately sized, UL conduit connector must be used to correctly attach the conduit to the junction box.
- DO NOT shorten the flexible conduit. A UL listed or CSA approved conduit connector must be securely attached to the junction box and the flexible conduit must be securely attached to the connector clamp. If the flexible conduit will not fit within the clamp, do not install the oven until a clamp of the proper size is obtained.

Installation Instructions

IMPORTANT: This appliance shall be installed only by authorized persons and in accordance with the manufacturer's installation instructions, municipal building codes, and electrical wiring regulations.

CAUTION

Laceration, Foreign Object, Crush Hazard

- When installing, moving, or servicing any appliance, wear proper protective equipment, including cut resistant gloves, steel-toed shoes, and safety glasses.

Unpack Oven

WARNING

Excessive Weight Hazard

- Use two or more people to move and install oven. Failure to do so can result in back or other injury.

IMPORTANT:

- Do not lift the oven using the oven door handle. Doing so can cause damage and improper operation of the oven.
- Do not move the oven by grabbing the open oven door. Doing so can result in serious damage to the oven.

1. Remove all tape and packaging materials from around the oven.
2. Open the oven door and remove packaging materials, manual, oven racks, and broiler tray inside the oven.
3. Check for film on stainless steel parts, padding/spacers on and around door and face of oven, cardboard and plastic on and around racks, etc. Failure to remove packaging materials could result in damage to the appliance. Do not dispose of anything until the installation is complete.

Note:

- Do not remove any warning-type labels, the model and serial number label, or the Tech Sheet that is located on the back of the oven.
- Do not use sharp instruments, rubbing alcohol, flammable fluids, or abrasive cleaners to remove tape or glue. These products can damage the surface of your oven.

Removing/Assembling Oven Door

For normal oven installation, it is not necessary to remove the oven door. However, if removal is necessary to reduce the weight of the oven while being moved, adjusted, and installed, make sure the oven is off and cool.

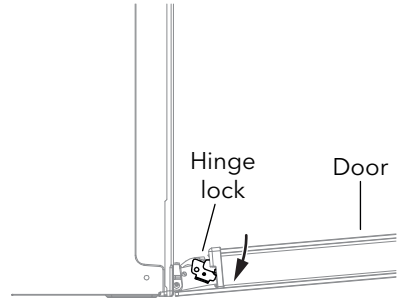
Note:

- The oven door is heavy. To avoid oven door glass breakage, use both hands, and grasp only the sides of the oven door to remove. Do not lift oven door by door handle.
- If door is removed, confirm that door operates correctly and seals properly when reinstalled. If door gasket does not seal completely, heat escaping from around doors could ignite cabinetry.

Removing Door

1. Fully open the oven door.
2. Unlock the hinge locks on both sides, rotating them as far downward as they will go.
3. Firmly grasp both sides of the door.
4. Tilt the top of the door up to the removal position, which is approximately five degrees or 2-3 inches from being fully opened.
5. Lift door up and out until the door is clear from the hinge arms.

IMPORTANT: Do not lift door by door handle.



Assembling Door

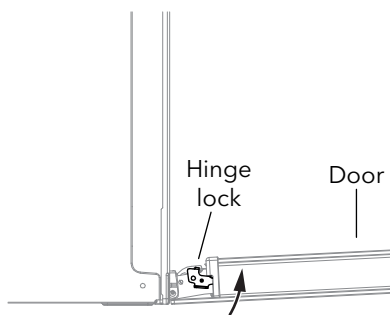
1. Firmly grasp both sides of the door.

IMPORTANT: Do not lift door by door handle.

2. With the door at the same angle as the removal position, which is approximately five degrees or 2-3 inches from being fully opened, seat the indentation of the hinge arms into the bottom slots of the door.

IMPORTANT: The hinge arms must be fully inserted into the bottom slots of the door.

3. Open the door fully.
4. Lock the hinge locks, rotating them upward until they lock.
5. Close the oven door. Check that the door is free to open and close and is level while closed.



Electrical Connection

WARNING



Electrical Shock Hazard

- Turn off the circuit breaker or remove house fuse to the oven branch circuit before servicing.
- This appliance must be properly grounded.
- Do not use an adapter or an extension cord.
- Failure to do so can result in death, fire, or electrical shock.

WARNING

Excessive Weight Hazard

- Use two or more people to move and install oven. Failure to do so can result in back or other injury.

IMPORTANT:

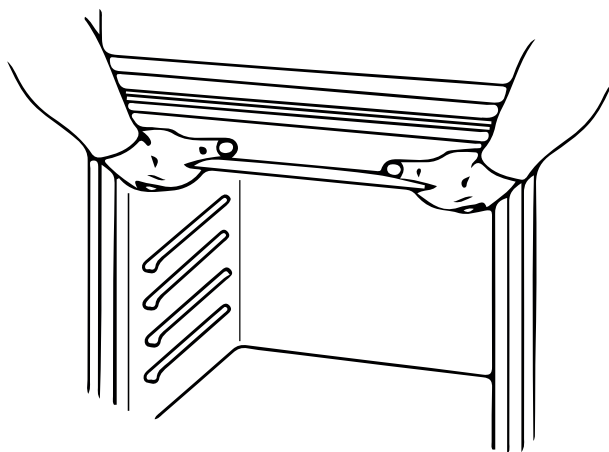
- Installation work and repairs should only be performed by a qualified technician in accordance with all applicable codes and standards. Repairs and service by unqualified persons could be dangerous and the manufacturer will not be held responsible.
- Before connecting the appliance to the power supply, make sure that the voltage and frequency listed on the rating label correspond with the household electrical supply. This data must correspond to prevent appliance damage. Consult an electrician if in doubt.
- The oven must connect to a single-phase (split-phase), 3-wire or 4-wire, 120/208 VAC or 120/240 VAC, 60 hertz electrical system. This appliance must be supplied with the proper voltage and frequency, and connected to an individual (dedicated to the appliance), properly grounded branch circuit protected by a circuit breaker or time-delay fuse. It is the personal responsibility of the oven owner to provide the correct electrical service for this oven.

IMPORTANT:

- Local codes and ordinances take precedence over these instructions.
Complete electrical connections according to local codes and ordinances.

Connecting the Conduit

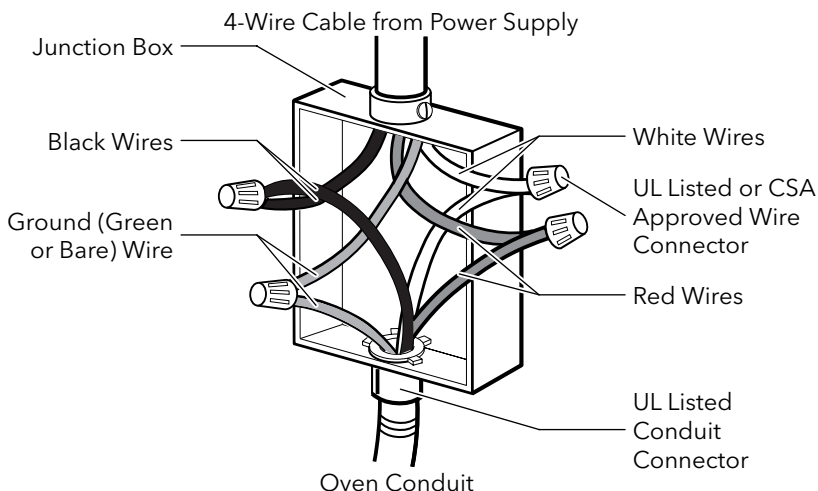
1. Turn off the circuit breaker or remove fuses to the oven branch circuit.
2. Using two or more people, grasp the ceiling of the oven cavity, lift oven on table or platform directly in front of and even with the cutout opening.
 - The platform and the cutout floor must both support 94 lbs (43 kg).



3. Complete installation following instructions for your type of electrical connection:
 - 4-wire (recommended)
 - 3-wire (if 4-wire is not available)

4-Wire Connection

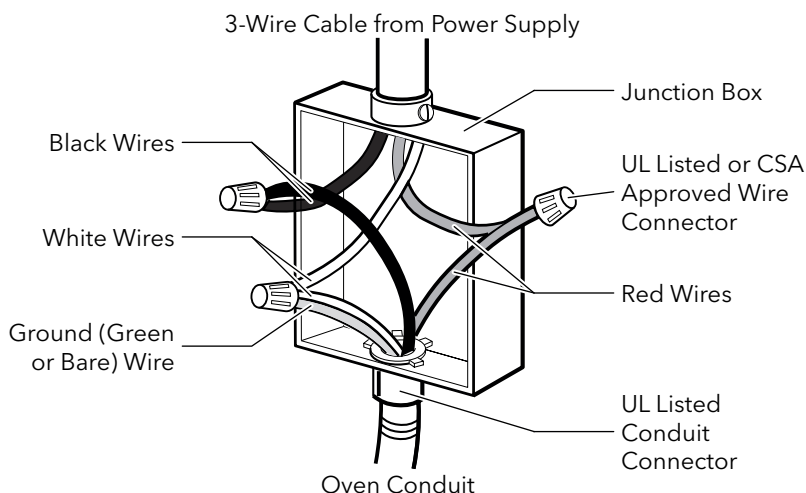
IMPORTANT: Use the 4-wire cable from power supply where local codes do not permit connecting the oven ground conductor to the neutral (white) junction box supply wire.



1. Remove junction box cover, if present.
2. Connect the flexible cable conduit from the oven to the junction box using a UL listed or CSA approved conduit connector.
3. Tighten screws on conduit connector if present.
4. Using the UL listed wire connectors:
 - Connect the two black wires together.
 - Connect the two red wires together.
 - Connect the two neutral (white) wires together.
 - Connect the oven ground (green or bare) wire to the ground (green or bare) wire in the junction box.
5. Replace junction box cover if removed.

3-Wire Connection

IMPORTANT: Use the 3-wire cable from power supply where local codes permit connecting the oven ground conductor to the neutral (white) junction box supply wire.



1. Remove junction box cover, if present.
2. Connect the flexible cable conduit from the oven to the junction box using a UL listed or CSA approved conduit connector.
3. Tighten screws on conduit connector if present.
4. Using the UL listed wire connectors:
 - Connect the two black wires together.
 - Connect the two red wires together.
 - Connect both the oven ground (green or bare) wire and oven neutral (white) wire to the neutral (white) wire in the junction box.
5. Replace junction box cover if removed.

Install Oven

WARNING

Excessive Weight Hazard

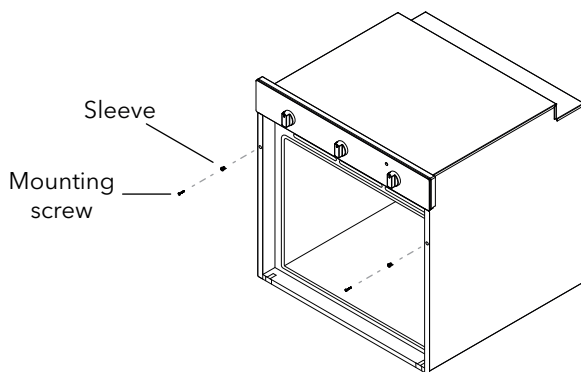
- Use two or more people to move and install oven. Failure to do so can result in back or other injury.

1. Loop (do not tie) a 36" (91 cm) string around the conduit before the oven is slid into place. This will keep the conduit from falling behind the oven.
2. Lift oven into cabinet cutout using the oven opening as a grip. Carefully push against the oven front frame. Do not push against outside edges.

Note:

- Ensure that no damage is done to oven gasket which lines the edge of oven cavity.

3. While sliding the oven back, pull the string so that the conduit lies on the top of the oven in a natural loop.
4. When you are sure the conduit is out of the way, carefully slide the oven 3/4" way back into the opening. Remove the string by pulling on one end of the loop.
5. Using the mounting holes on the oven side trim as a guide, drill pilot holes for mounting screws provided.



Note:

- Mounting screws must be used. Failure to do so can result in the oven falling out of the cabinet causing serious injury.

6. Secure the oven to the cabinet with mounting screws and sleeves provided.

Note:

- If the cabinet is particle board, you must use 3/4" particle board screws. These may be purchased at any hardware store.

7. Reassemble oven door if it was previously removed.

See "Removing/Assembling Oven Door" section.

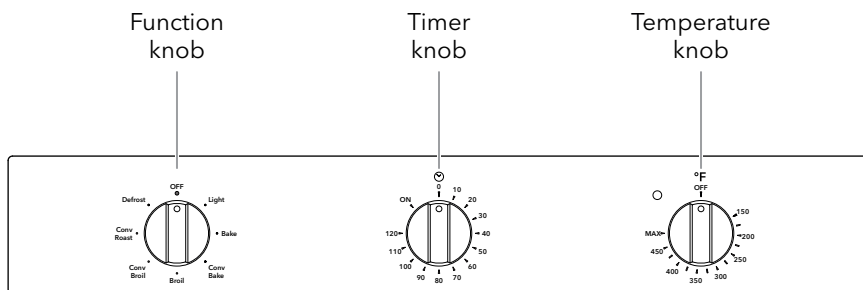
Complete Installation

IMPORTANT: Check that all packing material and tape have been removed. Failure to remove these materials could result in damage to the appliance once the appliance has been turned on and surfaces have heated.

1. Check that all controls are in the OFF position.
2. Reconnect power.
3. Insert oven racks and baking tray.

Check Operation of the Oven

IMPORTANT: Be sure power is in service.



To Check Broil Heating Element:

1. Keep the oven door closed.
2. Turn the **Function** knob to select the **Broil** mode.
3. Turn the **Temperature** knob to select **400°F** temperature.

4. Turn the **Timer** knob counter-clockwise to select **ON**.

The oven starts to preheat. Keep the oven door closed.

Note:

- The Timer knob must be turned counter-clockwise to **ON** or clockwise to any minutes to enable any oven functions.

5. After several minutes, the upper broil heating element can be visually seen to start glowing red.
 - If you do not see heating element glowing red, open the oven door temporarily. Without touching the oven components, confirm that heat can be felt radiating from the oven top.
 - If you do not feel heat, turn off the oven and contact a qualified technician.
6. Turn all the knobs to select **OFF** or **0** at 12 o'clock position to stop Broil mode.

To Check Bake Heating Element and Convection Fan:

1. Keep the oven door closed.
2. Turn the **Function** knob to select the **Conv Bake** mode.
3. Turn the **Temperature** knob to select **400°F** temperature.
4. Turn the **Timer** knob counter-clockwise to select **ON**.

The oven starts to preheat. Keep the oven door closed.

Note:

- The Timer knob must be turned counter-clockwise to **ON** or clockwise to any minutes to enable any oven functions.

5. After a couple minutes, open the oven door temporarily. Without touching the oven components, confirm that heat can be felt radiating from the oven bottom and the rear convection fan is operating.
 - If you do not feel heat, turn off the oven and contact a qualified technician.
6. Close the oven door. Let the oven run for 10 minutes.
 - (Optional) Allow oven to run for at least 30 minutes to burn off and remove any manufacturing protection oil, dust or impurities.
7. Turn all the knobs to select OFF or 0 at 12 o'clock position to stop Broil mode.

IMPORTANT

Do Not Return This Product to The Store

If you have a problem with this product, please contact Customer Support at

+1 (626) 800-4288

Dated proof of purchase, model #, and serial # required for warranty service.

IMPORTANT

Ne pas Réexpédier ce Produit au Magasin

Pour tout problème concernant ce produit, veuillez contacter le service des consommateurs Customer Support au

+1 (626) 800-4288

Une preuve d'achat datée est requise pour bénéficier de la garantie.

IMPORTANTE

No regrese este producto a la tienda

Si tiene algún problema con este producto, por favor contacte el ayuda al cliente al

+1 (626) 800-4288

(Válido solo en E.U.A.)

Necesita una prueba de de compra fechada, número de modelo y de serie para el servicio de la garantía.



Correct disposal of this product:

This marking indicates that this appliance should not be disposed with other household wastes. To prevent possible harm to the environment or human health from uncontrolled waste disposal, recycle it responsibly to promote the sustainable reuse of material resources.

Memo

[illegible]



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For service assistance and product
information please call:
1-626-800-4288

Electronic version of this manual is
available at:
www.fgsbrands.com/rca-manuals

