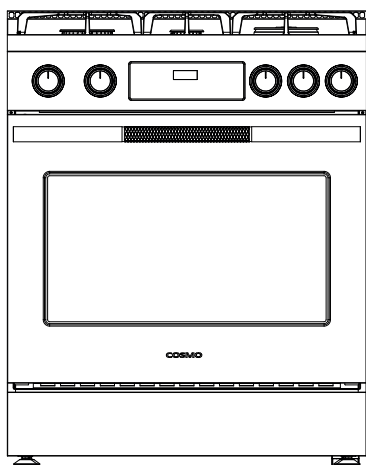


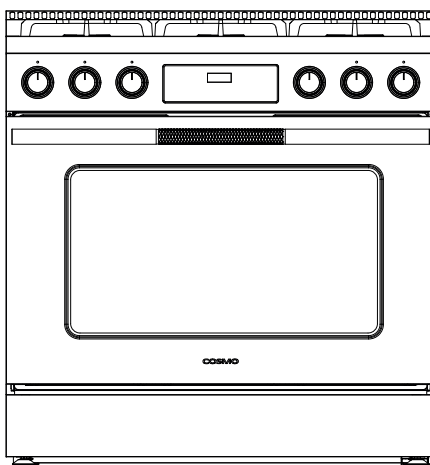


RANGE

COS-RGS305SS



COS-RGS366SS



SLIDE-IN GAS RANGE

INSTALLATION INSTRUCTIONS

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.

THANK YOU FOR YOUR PURCHASE

Thank you for your purchase. We know that you have many brands and products to choose from and we are honored to know that you have decided to take one of our products into your home and hope that you enjoy it.

COSMO Appliances are designed according to the strictest safety and performance standard for the North American market. We follow the most advanced manufacturing philosophy. Each appliance leaves the factory after thorough quality inspection and testing. Our distributors and our service partners are ready to answer any questions you may have regarding how to install, use and care for your products. We hope that this manual will help you learn to use the product in the safest and most effective manner.

Before using this product, please read through this manual carefully. Keep this user manual in a safe place for future reference. Please ensure that other persons using this product are familiar with these instructions as well.

If you have any questions or concerns, please contact the dealer from whom you purchased the product, or contact our Customer Support at:

1-888-784-3108

Reach us online at:

www.cosmoappliances.com

TABLE OF CONTENTS

Range Safety	4
Anti-Tip Device	7
Installation Requirements	8
Tools and Parts	8
Location Requirements	11
Product Dimensions	13
Clearances	15
Power Supply Location	17
Venting Requirements	18
Electrical Requirements	19
Gas Supply Requirements	21
Installation Instructions	25
Remove Old Appliance	25
Unpack Range	27
Install Rear Rubber Pads	28
Install Anti-Tip Device	29
Install/Remove Control Knobs	33
Install/Remove Oven Door Handle	34
Removing/Assembling Oven Door	37
Removing/Assembling Storage Drawer	39
Gas Connection	40
Complete Installation	44
Electrical Supply Connection	44
Placement and Leveling Range	45
Verify Anti-Tip Bracket Engagement	47
Assembling the Surface Burners and Grates	48
Checking Operation of the Surface Burners	50
Checking Operation of the Oven	53
Gas Conversion	55

RANGE 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.

In the State of Massachusetts, the following installation instructions apply:

- Installations and repairs must be performed by a qualified or licensed contractor, plumber, or gasfitter qualified or licensed by the State of Massachusetts.
- If using a ball valve, it shall be a T-handle type.
- A flexible gas connector, when used, must not exceed 3 feet (91.5 cm).

California Proposition 65 Warning

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

WARNING



Fire and Explosion Hazard

If the information in this manual is not followed exactly, a fire or explosion may result causing property damage, personal injury or death.

- Installation and service must be performed by a qualified installer, service agency or the gas supplier.
- **WHAT TO DO IF YOU SMELL GAS**
 - Do not try to light any appliance.
 - Do not touch any electrical switch.
 - Do not use any phone in your building.
 - Clear the room, building, or area of all occupants.
 - Immediately call your gas supplier from a neighbor's phone. Follow the gas supplier's instructions.
- If you cannot reach your gas supplier, call the fire department.

WARNING

Never Operate the Top Surface Cooking Section of this Appliance Unattended.

- Failure to follow this warning statement could result in fire, explosion, or burn hazard that could cause property damage, personal injury, or death.
- If a fire should occur, keep away from the appliance and immediately call your fire department.

DO NOT ATTEMPT TO EXTINGUISH AN OIL/GREASE FIRE WITH WATER.

WARNING

- Gas leaks cannot always be detected by smell. Gas suppliers recommend that you use a gas detector approved by UL or CSA. For more information, contact your gas supplier.
- Do not install a ventilation system that blows air downward toward this cooking appliance. This type of ventilation system may cause ignition and combustion problems with this cooking appliance resulting in personal injury or unintended operation.
- 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, 120VAC single-phase (split-phase), 60Hz grounded electrical source protected by a 20-Amp circuit breaker or slow blow fuse. 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 range 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.

ANTI-TIP DEVICE

WARNING

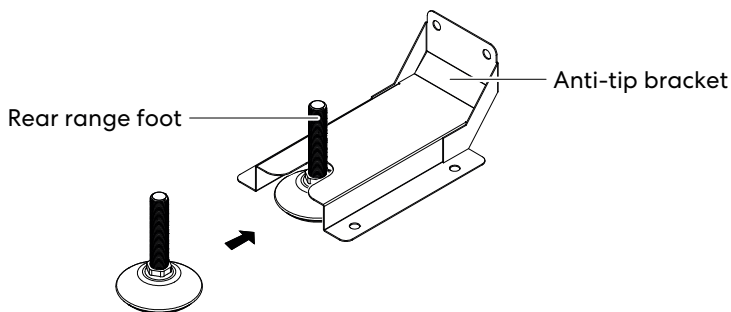


Tip Over Hazard

- A child or adult can tip the range and be killed.
- Install anti-tip bracket to floor or wall per installation instructions.
- Slide range back so rear range foot is engaged in the slot of the anti-tip bracket.
- Re-engage anti-tip bracket if range is moved.
- Do not operate range without anti-tip bracket installed and engaged.
- Failure to follow these instructions can result in death or serious burns to children and adults.

Making sure the anti-tip bracket is installed:

- Slide range forward.
- Look for the anti-tip bracket securely attached to floor or wall.
- Slide range back and make sure rear range foot is under anti-tip bracket.



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.

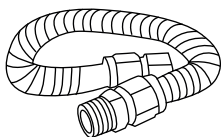
TOOLS NEEDED

- Tape measure
- Phillips screwdriver
- Adjustable wrench or pliers
- Marker or pencil
- Drill and drill bit (for anti-tip bracket installation)
- Pipe-joint compound resistant to LP gas
- Noncorrosive leak-detection solution
- Level
- Gloves and safety glasses

For Propane/Natural Gas Conversions

- Combination wrench
- Nut driver

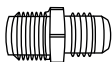
PARTS NEEDED



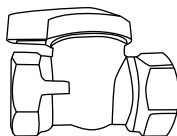
New flexible gas supply line
(3/4" or 1/2" NPT x 1/2" ID)



New flare union adapter
(3/4" or 1/2" NPT x 1/2" ID)

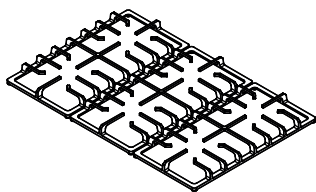


New flare union adapter
(1/2" NPT x 1/2" ID)

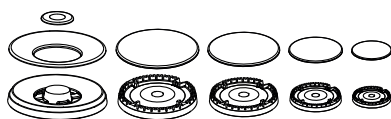


Gas line shut-off valve

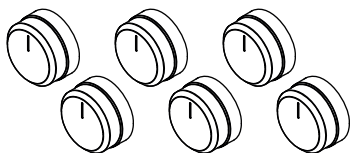
PARTS SUPPLIED



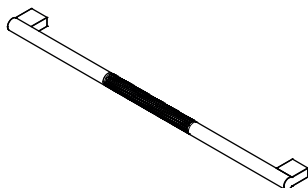
Surface burner grates (3)



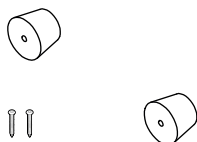
Surface burners and caps
30" Model: COS-RGS305SS (5)
36" Model: COS-RGS366SS (6)



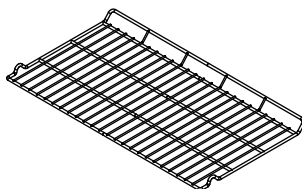
Control knobs
30" Model: COS-RGS305SS (5)
36" Model: COS-RGS366SS (6)



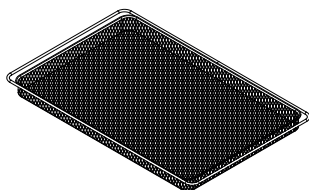
Oven door handle with set screws



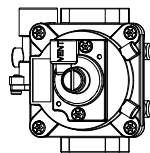
Rear rubber pads (2)



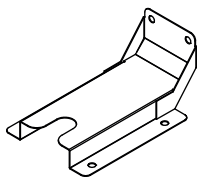
Oven racks (2)



Air fry tray



Gas pressure regulator
(pre-installed)



Anti-tip bracket with ST5 x 40 mm
mounting screws



Hex key

OPTIONAL PARTS

- LP conversion kit



Scan to find
available LP Kits

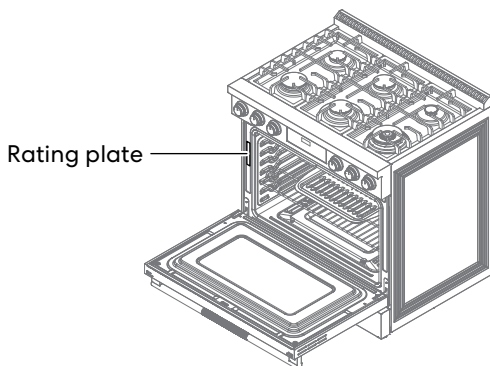
Note:

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

LOCATION REQUIREMENTS

IMPORTANT: Observe all governing codes and ordinances. Do not obstruct flow of combustion and ventilation air.

- It is the installer's responsibility to comply with installation clearances specified on the model/serial/rating plate. The plate is located behind the oven door on the oven frame, and is also on the back panel of the range.



- The range should be located for convenient use in the kitchen.
- Recessed installations must provide complete enclosure of the sides and rear of the range.
- To eliminate the risk of burns or fire by reaching over heated surface units, cabinet storage space located above the surface units should be avoided. If cabinet storage is to be provided, the risk can be reduced by installing a range hood or microwave hood combination that projects horizontally a minimum of 5" (12.7 cm) beyond the bottom of the cabinets.
- Do not install a ventilation system that blows air downward toward the range.
- Do not locate the range where it may be subject to strong drafts.
- All openings in the wall or floor where range is to be installed must be sealed.
- Do not seal the range to the side cabinets.
- Cabinet opening dimensions that are shown must be used.
- The anti-tip bracket must be installed.
- Grounded electrical supply is required. See "Electrical Requirements" section.

- Proper gas supply connection must be available. See "Gas Supply Requirements" section.
- Contact a qualified floor covering installer to check that the floor covering can withstand at least 194°F (90°C).
- Use an insulated pad or 1/4" (0.64 cm) plywood under range if installing range over carpeting.

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. This range has been designed to comply with the maximum allowable wood cabinet temperatures of 194°F (90°C).

Mobile Home - Additional Installation Requirements

- The installation of this range must conform to the Manufactured Home Construction and Safety Standard, Title 24 CFR, Part 3280 (formerly the Federal Standard for Mobile Home Construction and Safety, Title 24, HUD Part 280). When such standard is not applicable, use the Standard for Manufactured Home Installations, ANSI A225.1/NFPA 501A or with local codes.

In Canada, the installation of this range must conform with the current standards CAN/CSA-A240-latest edition, or with local codes.

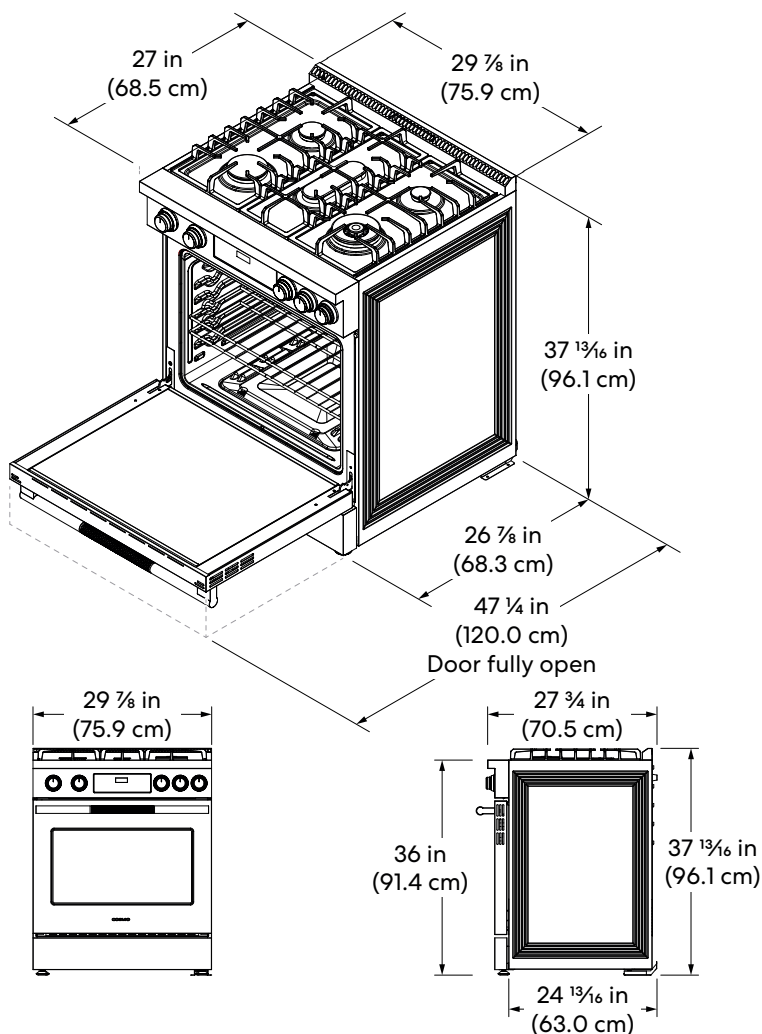
Mobile Home Installations Require:

- When this range is installed in a mobile home, it must be secured to the floor during transit. Any method of securing the range is adequate as long as it conforms to the standards listed above.
- Four-wire power supply cord or cable must be used in a mobile home installation. The appliance wiring will need to be revised. See "Electrical Connection" section.

PRODUCT DIMENSIONS

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

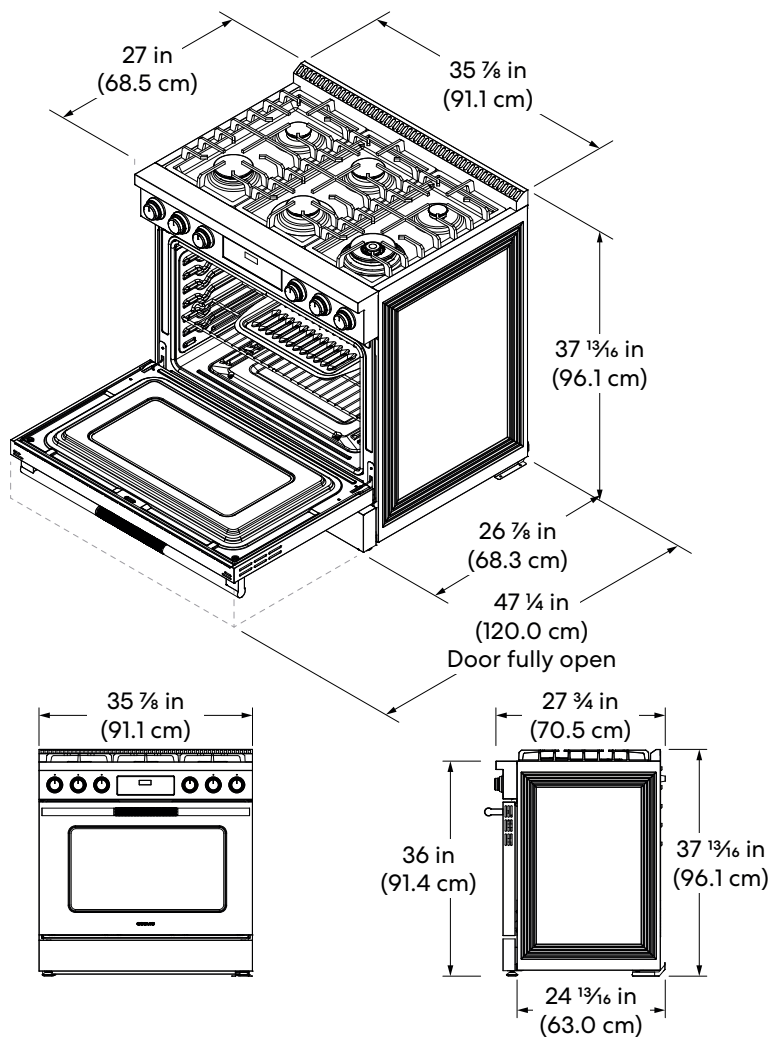
30" Model: COS-RGS305SS



Note:

- Range can be raised approximately 1" (2.6 cm) by adjusting the leveling legs.

36" Model: COS-RGS366SS



Note:

- Range can be raised approximately 1" (2.6 cm) by adjusting the leveling legs.

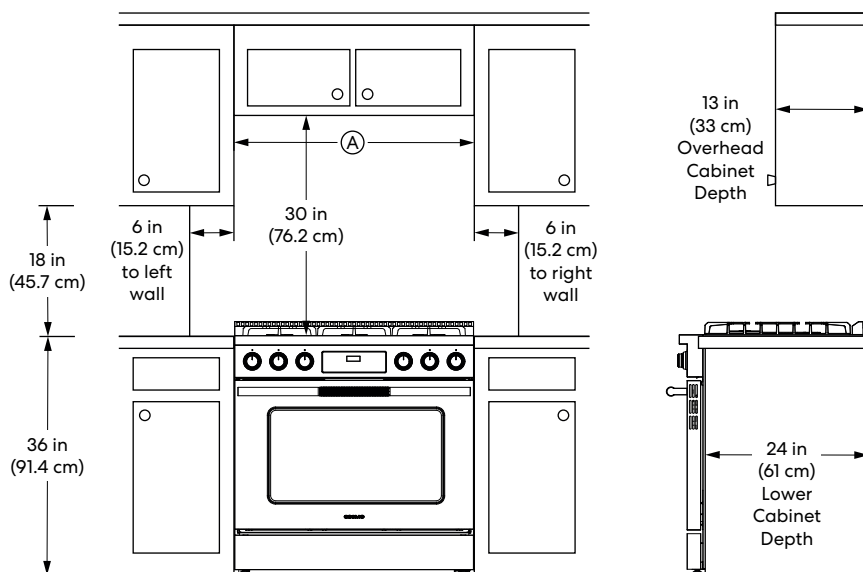
CLEARANCES

Cabinet opening dimensions shown are for 25" (64.0 cm) countertop depth, 24" (61.0 cm) base cabinet depth, and 36" (91.4 cm) countertop height.

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.
- If installing a range hood or microwave hood combination above the range, follow the range hood or microwave hood combination installation instructions for dimensional clearances above the cooktop surface.

Given dimensions are minimum clearances.



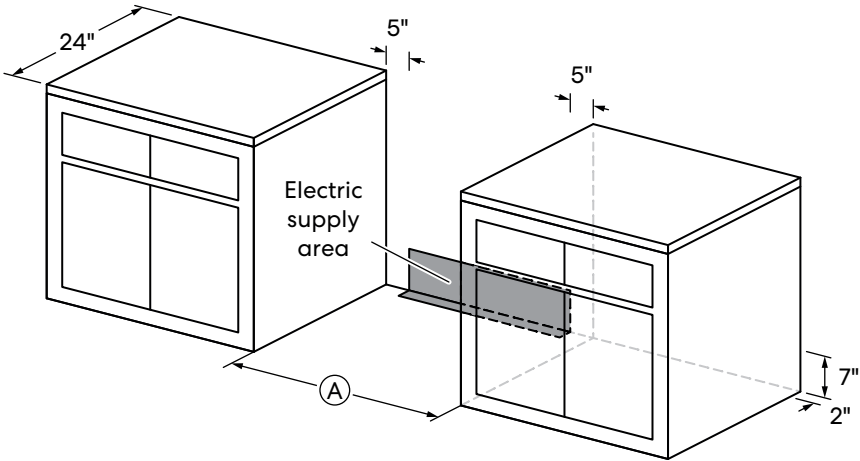
Model	A
	Horizontal Clearance
30" Model: COS-RGS305SS	30" (76.2 cm)
36" Model: COS-RGS366SS	36" (91.4 cm)

Note:

- 30" (76.2 cm) minimum clearance between cooking surface and bottom of an uncovered wood or metal overhead cabinet. 24" (61.0 cm) minimum clearance to top of cooking surface when bottom of wood or metal overhead cabinet is shielded by not less than 1/4" (0.64 cm) flame retardant millboard covered with not less than No. 28 MSG sheet steel, 0.015" (0.4 mm) stainless steel, 0.024" (0.6 mm) aluminum or 0.020" (0.5 mm) copper.
- 18" (45.7 cm) minimum clearance from upper cabinet to countertop on either side of unit.
- When installed in a slide-in cutout, the front of oven door may protrude beyond the base cabinet.
- Island Installations: Maintain 6" (15.2 cm) minimum clearance from cutout to back and side edges of countertop.

POWER SUPPLY LOCATION

IMPORTANT: An electrical outlet in the floor, may be either recessed or surface mounted, but an electrical outlet in the wall must be recessed to make the connection.



Model	A
	Horizontal Clearance
30" Model: COS-RGS305SS	30" (76.2 cm)
36" Model: COS-RGS366SS	36" (91.4 cm)

VENTING REQUIREMENTS

IMPORTANT: This range must be exhausted outdoors unless you are using ductless venting. Observe all governing codes and ordinances. Do not obstruct flow of combustion and ventilation air.

- Do not terminate the vent system in an attic or other enclosed area.
- Use an approved vent cap for proper performance. If an alternate wall or roof cap is used, be certain the cap size is not reduced and that it has a backdraft damper.
- Vent system must terminate to the outside unless you are using a ductless vent kit.
- Rigid metal vent is recommended. For best performance, do not use plastic or metal foil vent.
- If a joist or stud must be cut, then a supporting frame must be constructed.
- The size of the vent should be uniform.
- The vent system must have a damper.
- Seal all joints in the vent system.
- Use caulking to seal exterior wall or roof opening around the cap.
- Determine which venting method is best for your application.

MAKEUP AIR

Local building codes may require the use of makeup air systems when using ventilation systems greater than specified CFM of air movement. The specified CFM varies from locale to locale. Consult your HVAC professional for specific requirements in your area.

ELECTRICAL REQUIREMENTS



WARNING



Electrical Shock Hazard

- Do not use an extension cord with this appliance.
- Remove house fuse or open circuit breaker before beginning installation.

Electrical Grounding Instructions

- The power cord of this appliance is equipped with a three-prong (grounding) plug which plugs into a standard three-prong grounding wall receptacle to minimize the possibility of electric shock hazard from this appliance.
- DO NOT, UNDER ANY CIRCUMSTANCES, CUT OR REMOVE THE (THIRD) GROUNDING PRONG FROM THE PLUG.

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

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. Do not modify the power supply cord plug. If it will not fit the outlet, have a proper outlet installed by a qualified electrician.

- The receptacle of this range is to be connected to a properly grounded dedicated circuit providing 120 VAC/60 Hz power and protected by a 20-Amp circuit breaker or slow blow fuse. It is recommended that a separate circuit serving only this range be provided.
- Where a standard two-prong wall receptacle is encountered, contact a qualified electrician to have it replaced with a properly grounded three-prong wall receptacle.
- This range is equipped with an electronic ignition system that will not operate properly if plugged into an outlet that is not correctly polarized. Reverse polarity will result in continuous sparking of the electrodes, even after flame ignition.
- Electronic ignition systems operate within wide voltage limits, but proper grounding and polarity are necessary. Check that the outlet provides 120-volt power and is correctly grounded.
- Do not use an extension cord or an adapter plug.
- Check local codes and consult gas supplier. Check existing electrical supply and gas supply. It is recommended that all electrical connections be made by a licensed, qualified electrical installer.
- Range must be connected to the proper electrical voltage and frequency as specified on the model/serial/rating plate. The plate is located behind the oven door on the oven frame and also on the back panel of the range.
- It is the personal responsibility of the range owner to provide the correct electrical service for this range.
- This gas range is not required or recommended to be plugged into a GFCI (Ground-Fault Circuit Interrupter) outlet. It is recommended that you not plug an electric spark ignition gas range or any other major appliance into a GFCI wall outlet as it may cause the GFCI to trip during normal cycling.
- Performance of this range will not be affected if operated on a GFCI-protected circuit. However, occasional nuisance tripping of the GFCI breaker is possible due to the normal operating nature of electronic gas ranges.
- The wiring diagram is located on the back of the range.

GAS SUPPLY REQUIREMENTS

WARNING



Fire and Explosion Hazard

- Use a new CSA International approved gas supply line.
- Install a shut-off valve.
- Securely tighten all gas connections.
- If connected to LP, have a qualified person make sure gas pressure does not exceed the maximum pressure listed in this section.
- Examples of a qualified person include:
 - licensed heating personnel
 - authorized gas company personnel
 - authorized service personnel
- Failure to do so can result in death, explosion or fire.

IMPORTANT:

- Observe all governing codes and ordinances.
- This installation must conform with all local codes and ordinances. In the absence of local codes, installation must conform with American National Standard, National Fuel Gas Code ANSI Z223.1/NFPA 54 - latest edition, or in Canada, the Natural Gas and Propane Installation Code, CAN 1-1.1-M81 - latest edition.
- Leak testing of the range must be conducted according to the manufacturer's instructions. Do not use a flame to check for leaks.

TYPE OF GAS

This range is design-certified by CSA International for use with Natural gas (NG) or, after proper conversion, for use with Propane gas (LP).

Natural Gas (NG)

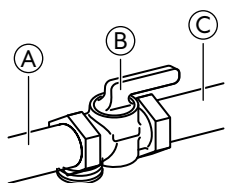
This range is factory-set for use with Natural gas. The model/serial/rating plate located on the back panel of the range has information on the types of gas that can be used. If the types of gas listed do not include the type of gas available, check with the local gas supplier.

Propane Gas (LP) Conversion

The LP conversion kit is sold separately. Conversion must be performed by a qualified service technician. The qualified agency performing this work assumes the gas conversion responsibility. No attempt shall be made to convert the appliance from the gas specified on the model/serial/rating plate for use with a different gas without consulting the serving gas supplier.

GAS SHUT-OFF VALVE

A manual gas line shut-off valve must be installed in an easily accessible location. Do not block access to shut-off valve. The valve is for turning on or shutting off gas to the range.



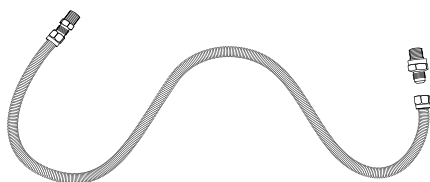
- Ⓐ Gas supply line
- Ⓑ Shut-off valve "open" position
- Ⓒ To range

GAS SUPPLY LINE

Provide a gas supply line of 3/4" (1.9 cm) rigid pipe to the range location. A smaller size pipe on longer runs may result in insufficient gas supply. Pipe-joint compounds that resist the action of LP gas must be used. With LP gas, piping or tubing size can be 1/2" (1.3 cm) minimum. Usually, LP gas suppliers determine the size and materials used in the system.

Flexible Metal Appliance Connector

- If local codes permit, a new CSA design-certified, 4 - 5 ft (122 - 152.4 cm) long, 1/2" (1.3 cm) or 3/4" (1.9 cm) I.D., flexible metal appliance connector may be used for connecting range to the gas supply line. In Canada, flexible connectors must be single wall metal connectors less than 6 feet (182.9 cm) in length.



- A 1/2" (1.3 cm) male pipe thread is needed for connection to the female pipe threads of the inlet to the appliance pressure regulator.
- Do not kink or damage the flexible metal tubing when moving the range.

Rigid Pipe Connection

- Since the range must be pulled away from the installation space to provide access to the gas regulator connections, and because hard piping restricts movement of the range, the range can only be installed using a CSA International-certified flexible metal appliance connector.
- If local codes require a hard-piped connection, a combination of pipe fittings must be used to connect the range to the existing gas line and maintain an accessible working space behind the range. Consult with a qualified local technician for an optimal connection suitable for your installation.

GAS PRESSURE REGULATOR

The gas pressure regulator supplied with this range must be used. The inlet pressure to the regulator should be as follows for proper operation:

	Natural gas	LP gas
Minimum pressure	3.5" WC	10" WC
Maximum pressure	7" WC	13" WC

Contact local gas supplier if you are not sure about the inlet pressure.

Burner Input Requirements

Input ratings shown on the model/serial/rating plate are for elevations up to 2,000 ft (609.6 m).

For elevations above 2,000 ft (609.6 m), ratings are reduced at a rate of 4% for each 1,000 ft (304.8 m) above sea level (not applicable for Canada).

Gas Supply Pressure Testing

Gas supply pressure for testing regulator must be at least 1" (2.5 cm) water column pressure above the manifold pressure shown on the model/serial/rating plate.

Line pressure testing above 0.5 psi gauge (14" WCP)

The range and its individual shut-off valve must be disconnected from the gas supply piping system during any pressure testing of that system at test pressures in excess of 0.5 psi (3.5 kPa).

Line pressure testing at 0.5 psi gauge (14" WCP) or lower

The range must be isolated from the gas supply piping system by closing its individual manual shut-off valve during any pressure testing of the gas supply piping system at test pressures equal to or less than 1/2 psi (3.5 kPa).

INSTALLATION INSTRUCTIONS

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

REMOVE OLD APPLIANCE

WARNING



Fire and Explosion Hazard

If the information in this manual is not followed exactly, a fire or explosion may result causing property damage, personal injury or death.

- Installation and service must be performed by a qualified installer, service agency or the gas supplier.
- WHAT TO DO IF YOU SMELL GAS
 - Do not try to light any appliance.
 - Do not touch any electrical switch.
 - Do not use any phone in your building.
 - Clear the room, building, or area of all occupants.
 - Immediately call your gas supplier from a neighbor's phone. Follow the gas supplier's instructions.
- If you cannot reach your gas supplier, call the fire department.

WARNING



Electrical Shock Hazard

- Remove house fuse or open circuit breaker to disconnect power before servicing. 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.

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.

1. For old ranges with gas connection, shut off the gas supply valve to the range and leave it off.
2. Shut off the electrical supply to the old range at the breaker box or fuse box and leave it off until the installation has been completed
3. Move appliance to access and disconnect electrical connection and gas connection if applicable.
4. Move appliance out of and away from installation space.

UNPACK RANGE

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.

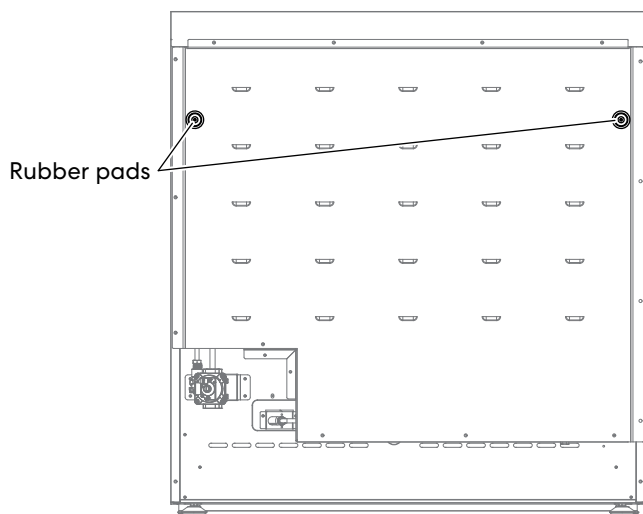
1. Remove shipping materials, tape and film from the range. Do not dispose of anything until the installation is complete.
2. Remove oven racks and parts package from oven and shipping materials.
3. Using 2 or more people, gently move range close enough but outside its final installation location to allow for gas supply and electrical connections.

Note:

- Do not remove any warning-type labels, the model/serial number label, or the Tech Sheet that is located on the back of the range.
- 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 range.
- Do not push or pull the range by grabbing the open oven door or cooktop only. Doing so can result in serious damage to the range.
- Do not lift the range using the cooktop or oven door handle. Doing so can cause damage and improper operation of the range.
- To reduce the weight of the range while being moved, adjusted, and installed, leave the surface grates, oven racks, and any other accessories to the side until they are ready to be installed later.
- To further reduce the weight of the range while being moved, adjusted, and installed, detach the oven door and the storage drawer from the range. See "Removing/Assembling Oven Door" and "Removing/Assembling Storage Drawer" sections.

INSTALL REAR RUBBER PADS

1. Locate the rubber pads from the parts bag.
2. Install the rubber pads to the back panel of range. Do not overtighten.



INSTALL ANTI-TIP DEVICE

WARNING

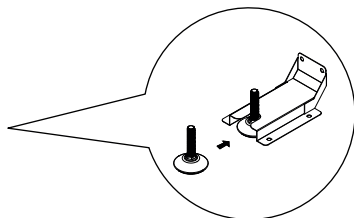
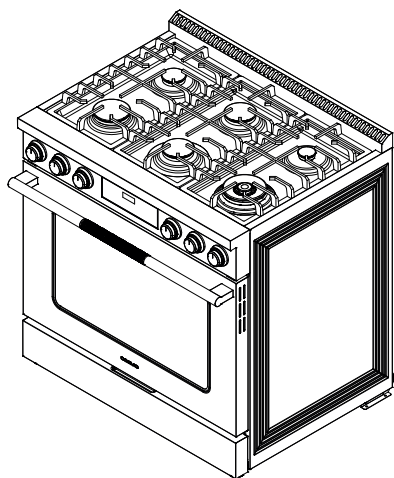


Tip Over Hazard

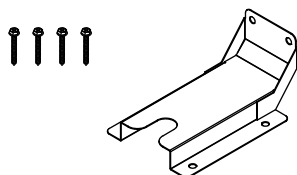
- A child or adult can tip the range and be killed.
- Install anti-tip bracket to floor or wall per installation instructions.
- Slide range back so rear range foot is engaged in the slot of the anti-tip bracket.
- Re-engage anti-tip bracket if range is moved.
- Do not operate range without anti-tip bracket installed and engaged.
- Failure to follow these instructions can result in death or serious burns to children and adults.

IMPORTANT:

- An anti-tip bracket is provided with the range.
- The anti-tip bracket uses a rear range foot to secure the range to the floor.
- Attach the anti-tip bracket to the floor or the wall so that the rear range foot will be centered within the bracket when the range is pushed into its final position.



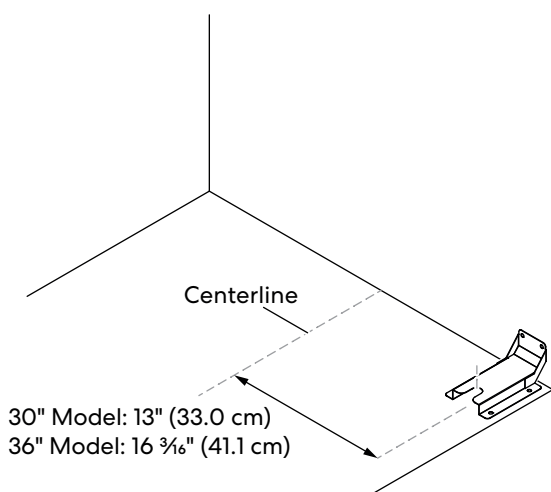
1. Locate and remove the anti-tip bracket and mounting screws from the parts bag.

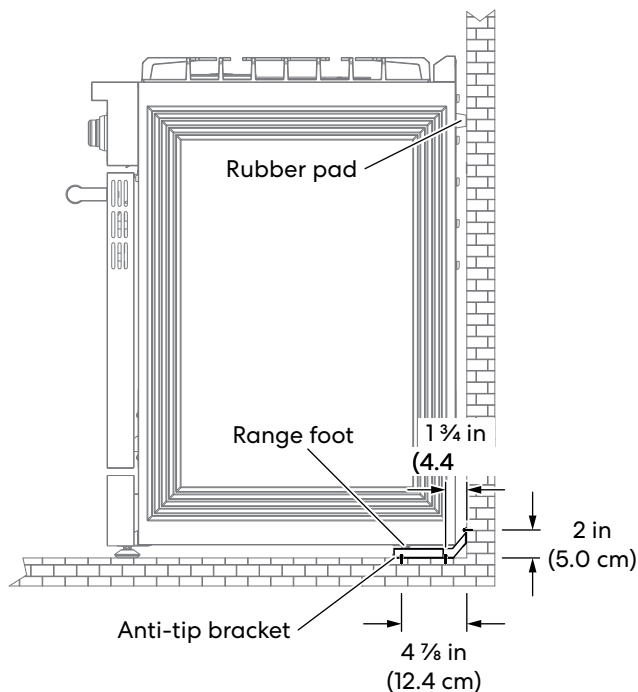


2. Determine which mounting method to use: floor or wall.
 - If you are installing the range in a mobile home, you must secure the range to the floor.
3. Determine and mark centerline of the installation space.
4. Position anti-tip bracket against the wall in the installation space so that the slot of the bracket is 13" (33.0 cm) for 30" model or 16 3/8" (41.1 cm) for 36" model from the center line as show. The anti-tip bracket can be installed on either the rear left or rear right side of the installation space.

Note:

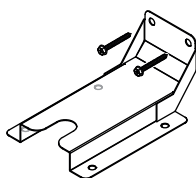
- Only one anti-tip bracket needs installed.



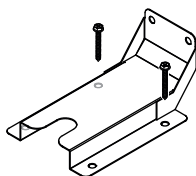


5. Mark two holes that correspond to the anti-tip bracket holes of the determined mounting method.

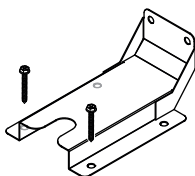
Wall Mounting



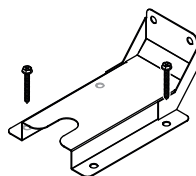
Floor Mounting



Rear holes



Front holes



Diagonal (2 options)

6. Drill holes specific to your construction.

Wood Construction

- Drill two 1/8" (3 mm) holes where screws are to be located. Screw must enter wood.

Masonry Construction

- Due to the variety of masonry materials that may be present at installation site, hardware is not provided for attaching the anti-tip bracket to masonry.
- If bracket is to be mounted to masonry or ceramic floors, drill two appropriate holes for 5/16" OD sleeve anchors (with 1/4" bolt - either hex bolt head or hex nut head) rated for minimum 300lb tension for the masonry material present at installation site.

7. Install anti-tip bracket.

Wood Construction

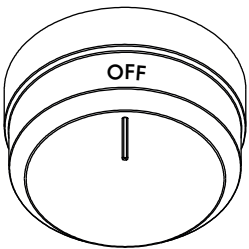
- Mount anti-tip bracket to the wall or floor using the two mounting screws provided.

Masonry Construction

- Mount anti-tip bracket to the floor using two 5/16" OD sleeve anchors (with 1/4" bolt - either hex bolt head or hex nut head).

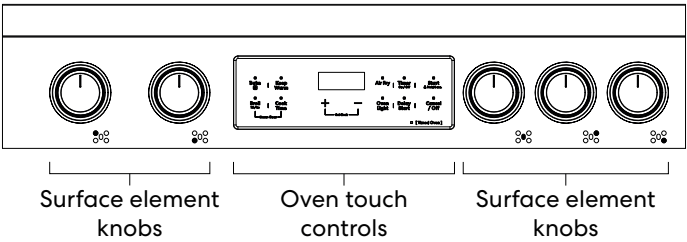
INSTALL/REMOVE CONTROL KNOBS

Be very careful not to scratch the surface of the unit. The appearance of the knobs may vary from what are shown below.

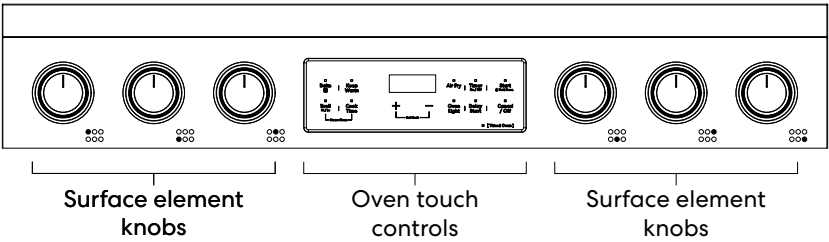


Surface burner knob

30" Model: COS-RGS305SS



36" Model: COS-RGS366SS



INSTALLING THE CONTROL KNOB

1. Hold the knob in an upright position with the indicator marking facing upward. Observe the open part centered on the back of the knob.
2. Place and align the open part on the back of the knob over the control stem that is sticking out of the control panel.
3. Press the knob onto the stem, and make sure the knob is in the OFF position.

Repeat the above installation steps for each knob until they have all been replaced.

REMOVING THE CONTROL KNOB

1. Make sure the knob is in the OFF position.
2. Pull the knob straight off the stem.

Repeat the above installation steps for each knob until they have all been replaced.

INSTALL/REMOVE OVEN DOOR HANDLE

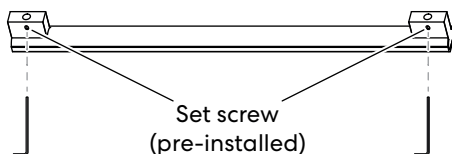
Be very careful not to scratch the surface of the unit. The appearance of the handle may vary from what is shown below, but the installation will be the same.

Tool Needed

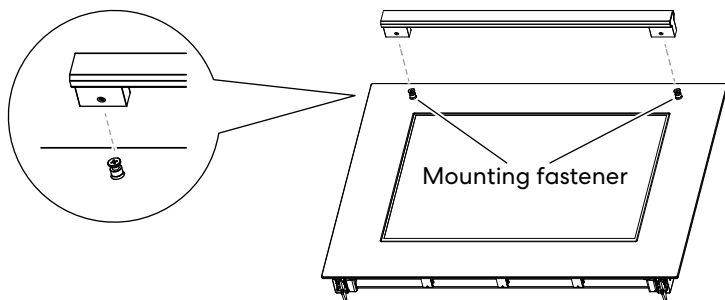
- Hex key (provided)

INSTALLING THE HANDLE

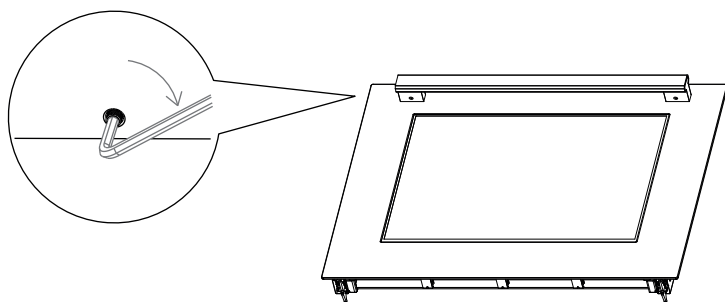
1. Partially loosen the set screws in both ends of the handle with the Hex key.



2. Place the handle on the door by fitting both ends of the handle footprints over the mounting fasteners.

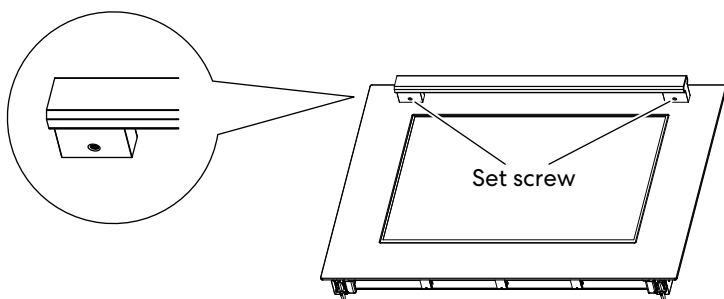


3. Tighten the set screws with the Hex key.

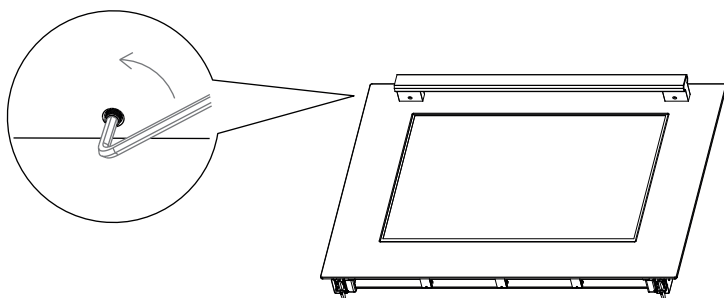


REMOVING THE HANDLE

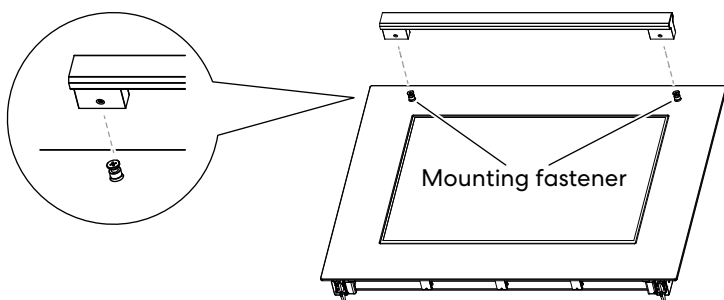
1. Locate the set screws for mounting fastener on the handle end caps.



2. Loosen the set screw on one end with the Hex key while supporting the handle. Do not remove the set screw from the handle end cap.



3. Keep supporting the handle while loosening the set screw on the other handle end cap.
4. Remove the handle from the mounting fasteners on the door and set aside.



REMOVING/ASSEMBLING OVEN DOOR

For normal range use, it is not suggested to remove the oven door. However, if removal is necessary, make sure the oven is off and cool.

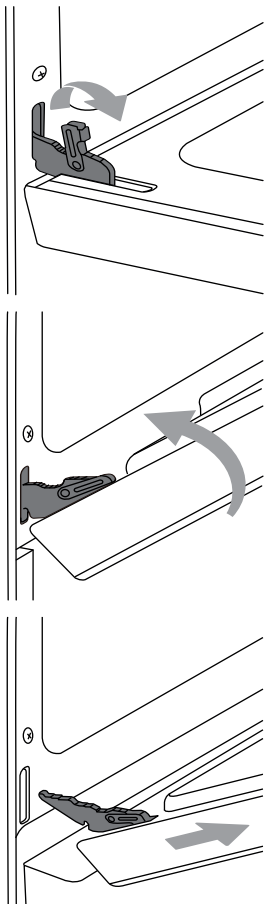
Note:

- The oven door is heavy.
- 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 toward the open door frame as they will go.
3. Firmly grasp both sides of the door.
4. Close the door to the removal position, which is approximately five degrees or 2-3 inches from being fully closed. If the position is correct, the hinge arms will move freely.
5. Lift door up and out until the hinge arms are clear of the slots.

IMPORTANT: Do not lift door by door handle.

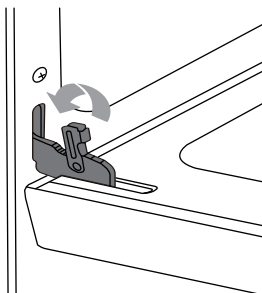
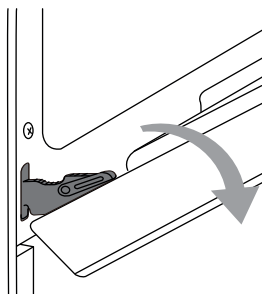
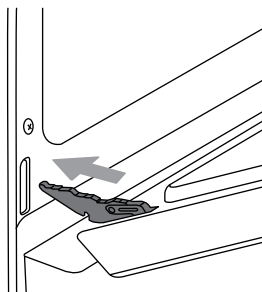


ASSEMBLING DOOR

1. Firmly grasp both sides of the door.
2. With the door at the same angle as the removal position, which is approximately five degrees or 2-3 inches from being fully closed, seat the indentation of the hinge arms into the bottom edge of the hinge slots. The notch in the hinge arms must be fully seated into the bottom edge of the slots.

IMPORTANT: Do not lift door by door handle.

3. Open the door fully. If the door will not open fully, the indentation is not seated correctly in the bottom edge of the slots.
4. Lock the hinge locks, rotating them back toward the slots in the oven frame until they lock.
5. Close the oven door. Check that the door is free to open and close and is level while closed.



REMOVING/ASSEMBLING STORAGE DRAWER

For normal range use, it is not suggested to remove the storage drawer. Most cleaning can be done with the drawer in place. However, if removal is necessary, make sure the drawer is empty.

REMOVING DRAWER

1. Fully open the drawer.
2. Carefully lift the front end of the drawer and pull the drawer away from the range.

ASSEMBLING DRAWER

1. Tilt the front end of the drawer up.
2. Align and insert the rear wheel on each side of the drawer onto the glides on the range.
3. Carefully lower the front end of the drawer and push the drawer into the range.
4. Open and close the drawer to ensure it is properly installed.

GAS CONNECTION

WARNING



Fire and Explosion Hazard

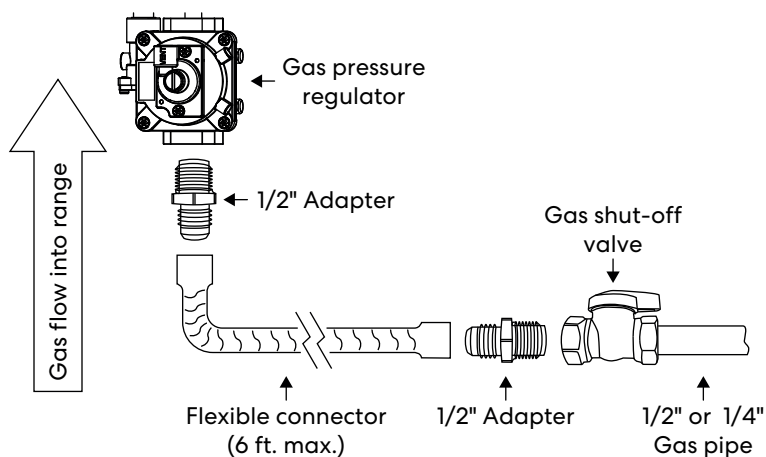
- Use a new CSA International approved gas supply line.
- Install a shut-off valve.
- Securely tighten all gas connections.
- If connected to LP, have a qualified person make sure gas pressure does not exceed the maximum pressure listed in this section.
- Examples of a qualified person include:
 - licensed heating personnel
 - authorized gas company personnel
 - authorized service personnel
- Failure to do so can result in death, explosion or fire.

This appliance shall be installed only by authorized persons and in accordance with the manufacturer's installation instructions, local gas fitting regulations, municipal building codes, electrical wiring regulations, local water supply regulations. The agency performing this work assumes responsibility for the quality of work performed, including checking for leaks and ensuring installation meets code requirements.

This range is factory-set for use with Natural gas. To use this range with Propane gas, see the "Gas Conversion" section before connecting this range to the gas supply. Gas conversions from Natural gas to Propane gas or from Propane gas to Natural gas must be done by a qualified installer.

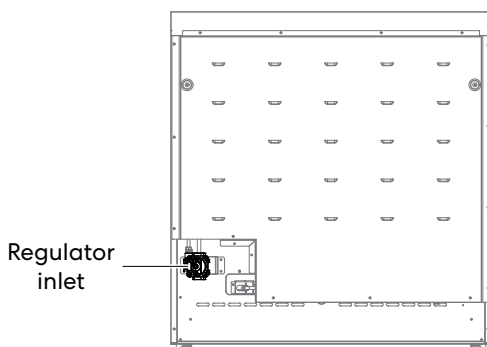
The gas pressure regulator supplied with this range must be used. See "Gas Supply Requirements" section for more details.

TYPICAL FLEXIBLE CONNECTION



1. Make sure a manual gas line shut-off valve is installed in an easily accessible location.
2. Turn manual shut-off valve to the closed position.
3. Unplug range or disconnect power.
4. If present, remove the plastic cap at the regulator inlet on the back of the range.

IMPORTANT: Do not remove the gas pressure regulator.



5. Apply pipe-joint compound made for use with NG/LP gas to the smaller thread ends of the flare union adapters.
6. Attach male 1/2" flare union adapter to the 1/2" NPT internal thread at the regulator inlet with a wrench using no more than 15 ft-lbs of torque. Use a backup wrench on the regulator fitting to avoid damage.

Note:

- Do not make connections to the gas regulator too tight. Overtightening may crack the regulator resulting in a gas leak and possible fire or explosion.

7. Attach male 1/2" or 3/4" flare union adapter to the NPT internal thread of the manual shut-off valve with a wrench using no more than 15 ft-lbs of torque, being certain not to move or turn the shut-off valve.
8. Connect one end of flexible gas supply line connector to the flare union adapter on the range.
9. Position range near the installation space to permit flexible gas supply line connection at the shut-off valve, and connect other end of flexible gas supply line connector to the flare union adapter at the shut-off valve. Check that flexible gas supply line is not kinked, and use wrenches to tighten flexible gas supply line connections.

TYPICAL RIGID PIPE CONNECTION

Since the range must be pulled away from the installation space to provide access to the gas regulator connections, and because hard piping restricts movement of the range, the range can only be installed using a CSA International-certified flexible metal appliance connector.

If local codes require a hard-piped connection, a combination of pipe fittings must be used to connect the range to the existing gas line and maintain an accessible working space behind the range. Hard-piped connections vary according to the supply line type, size and location. Consult with a qualified local technician for an optimal connection suitable for your installation.

CONVERT TO LP GAS (OPTIONAL)

This range is shipped from the factory set up to use Natural gas (NG). It can be converted to operate on Propane gas (LP) by a qualified service technician.

The LP conversion kit is sold separately. The conversion to LP requires all surface and oven burner gas orifices to be changed. In addition, the gas pressure regulator must also be adjusted for LP.

See "Gas Conversion" section for detailed instructions.

To order LP conversion kit, see "Optional Parts" in the "Tools and Parts" section.

Note:

- All replaced orifices must be left with the consumer, including the instructions and retrofit sizes and orifice indication.

COMPLETE GAS CONNECTION

1. Check that all range controls are in the OFF position.
2. Open the manual shut-off valve in the gas supply line. The valve is open when the handle is parallel to the gas pipe.
3. Test all connections by brushing on an approved noncorrosive leak-detection solution. If bubbles appear, a leak is indicated. Correct any leak found.

COMPLETE INSTALLATION

ELECTRICAL SUPPLY CONNECTION



Electrical Shock Hazard

- Remove house fuse or open circuit breaker to disconnect power before servicing.
- Plug into a grounded outlet.
- Do not use an adapter or an extension cord.
- Failure to do so can result in death, fire, or electrical shock.

IMPORTANT:

- The power cord of this appliance is equipped with a three-prong (grounding) plug which plugs into a standard three-prong grounding wall receptacle.
- Where a standard two-prong wall receptacle is encountered, contact a qualified electrician to have it replaced with a properly grounded three-prong wall receptacle.
- DO NOT, UNDER ANY CIRCUMSTANCES, CUT OR REMOVE THE (THIRD) GROUNDING PRONG FROM THE PLUG.
- 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. It is the personal responsibility of the oven owner to provide the correct electrical service for this oven.
- Do not use an extension cord or an adapter plug.

1. Check that all range controls are in the OFF position.
2. Plug in range to a grounded 3-prong wall receptacle.

PLACEMENT AND LEVELING RANGE

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.

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.

IMPORTANT:

- Do not lift by the oven door handle or control knobs. Push, pull, or lift only on the body or structural areas, such as oven, oven face, or back corners of range.
- Do not move unit by pushing or pulling on the door or control panel. Grasp the left/right door area to push the unit.
- Move range by lifting, not sliding, to prevent damage to floors.
- Use a belt when moving the range to prevent damaging the floor, or use cardboard, plywood, or stiff plastic to protect floors if sliding is necessary.
- Be careful not to pinch or kink the electrical connection. If unit does not move in smoothly, check for obstructions. Do not attempt to force the unit into position.

Getting the unit properly placed in the installation space and level may require multiple attempts. It is recommended to measure and adjust leveling legs carefully before placing into the installation space, as the leveling legs may be difficult to adjust once the range is in its final position.

1. Measure the distance from the top of the countertop to the floor at all four corners of the installation space.
2. While range is still positioned outside the installation space, measure the distance from the top of the cooktop to the bottom of each leveling leg.
 - If this distance does not match the distance measured at the corresponding corner of the installation space, use a wrench or pliers to loosen and adjust the leveling legs to the correct height.

Note:

- Height adjustment can be made when range is standing. Tilt the range back to adjust the front legs, and then tilt forward to adjust the rear legs.
- The leveling legs can be loosened up to a maximum of 1" (2.6 cm).

3. When the range is at the correct height, check and make sure that there is minimum clearance of 11/16" (1.8 cm) under the range for the anti-tip bracket.
4. Check that all range controls are in the OFF position. Plug power cord into a grounded outlet or connect conduit to a grounded junction box.
5. Using 2 or more people, gently move range into its final location and make sure the rear leveling leg is engaged in the slot of the anti-tip bracket.

Note:

- Be careful not to damage countertops, floor, or appliance when moving.
- Check to ensure the electrical cord is not pinched or kinked.

6. Place level diagonally on the oven bottom or oven rack, and check with the level in each diagonal direction. Adjust the leveling legs as necessary.
 - If range is not level, use a wrench or pliers to adjust leveling legs up or down until the range is level.

Note:

- The range must be level for optimum cooking and baking performance.

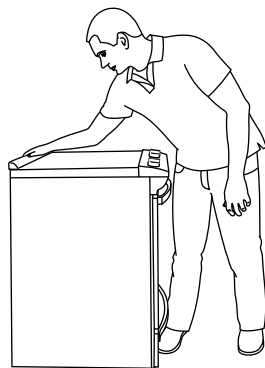
7. Reassemble oven door and storage drawer and insert oven racks if they were previously removed. See "Removing/Assembling Oven Door" and "Removing/Assembling Storage Drawer" sections.

VERIFY ANTI-TIP BRACKET ENGAGEMENT

Do not operate the range without anti-tip bracket installed and engaged.

IMPORTANT: If the range is moved from the final location for any reason, always verify anti-tip bracket engagement again.

1. Place the outside of your foot against the bottom of the front panel to keep the range from moving, and then grasp the back of the range as shown.
2. Carefully and slowly attempt to tilt the range forward.
 - If you encounter immediate resistance, the rear foot is engaged in the anti-tip bracket. Verification is completed. Skip the steps below.
 - If the rear of the range lifts more than 1/2" (1.3 cm) off the floor without resistance, stop tilting the range and lower it gently back to the floor. The rear range foot is not engaged in the anti-tip bracket. Proceed to Steps 3 and 4.



IMPORTANT: If there is a snapping or popping sound when tilting the range, the range may not be fully engaged in the anti-tip bracket. Check to see if there are obstructions keeping the range from sliding to the wall or keeping the rear range foot from sliding into the bracket. Verify that the bracket is held securely in place by the mounting screws.

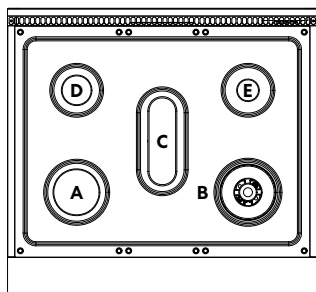
3. Slide the range forward, and verify that the anti-tip bracket is securely attached to the floor or wall.
4. Slide range back so the rear range foot is inserted into the slot of the anti-tip bracket.
5. Repeat steps 1 and 2 to ensure that the rear range foot is engaged in the anti-tip bracket.
 - If the rear of the range lifts more than 1/2" (1.3 cm) off the floor without resistance, the anti-tip bracket may not be installed correctly. Please reference the contact information at the end of this manual to contact service.

ASSEMBLING THE SURFACE BURNERS AND GRATES

IMPORTANT: Do not operate the burners without all parts in place.

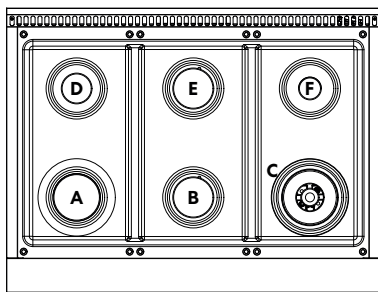
1. Check that all range controls are in the OFF position.
2. If the surface burner bases and caps are not already installed, remove them from package containing parts.
3. Align and place the burner bases and caps in the correct locations.

30" Model: COS-RGS305SS



- A. Super rapid (Large)
- B. Dual ring
- C. Semi rapid (Oval)
- D. Semi rapid (Small)
- E. Auxiliary (Extra small)

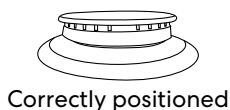
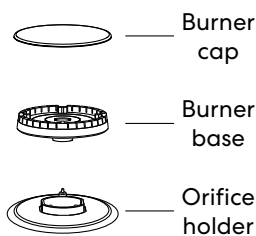
36" Model: COS-RGS366SS



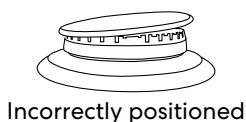
- A. Super rapid (Large)
- B. Rapid (Medium)
- C. Dual ring
- D. Semi rapid (Small)
- E. Rapid (Medium)
- F. Auxiliary (Extra small)

Note:

- Align notches in burner caps with pins in burner base.
- Make sure the hole in the burner base is positioned over the igniter.
- Burner caps should be level when properly positioned. If burner caps are not properly positioned, surface burners will not light.
- The burner cap should not rock or wobble when properly aligned.



Correctly positioned

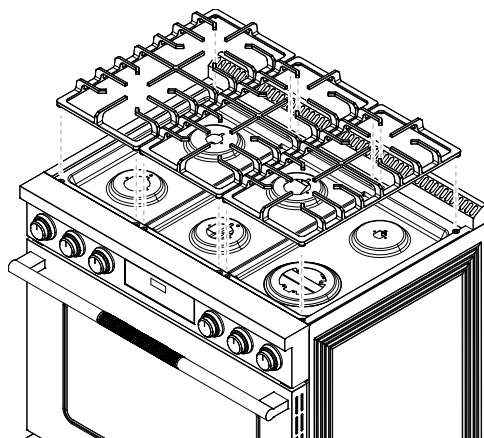


Incorrectly positioned

4. Remove any packaging materials on burner grates if present, and place burner grates over burner bases and caps.

Note:

- The burner grates must be properly positioned before cooking. Improper installation of the grates may result in scratching of the cooktop and/or poor combustion.

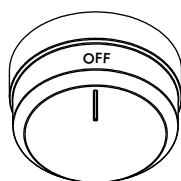


CHECKING OPERATION OF THE SURFACE BURNERS

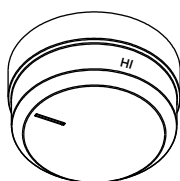
Cooktop burners use electronic igniters. When the cooktop control knob is turned to the ignite position, the system creates a spark to light the burner. All or some other cooktop burners will spark, but only the burner with the control knob turned to the ignite position will produce a flame. This sparking continues as long as the control knob is turned to the ignite position.

STANDARD SURFACE BURNERS

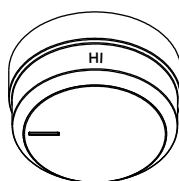
The appearance of the knobs may vary from what are shown below.



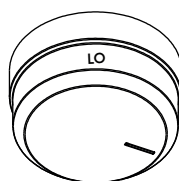
OFF position



Ignite position



Max. position



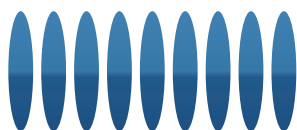
Min. position

1. For each burner, one at a time, push in and turn control knob to the ignite position, and turn control knob to the highest setting after the burner is lit.

2. The flame should light within 4 seconds. The first time a burner is lit, it may take longer than 4 seconds to light because of air in the gas line.
3. For each burner, one at a time, rotate the knob quickly to the lowest setting - confirm that the flame is not extinguished.
4. With one burner still at the lowest setting (and all others at highest setting), quickly open and close the oven door - confirm that the flame is not extinguished.
5. Compare flame height at the highest and lowest setting - confirm flame height is sufficiently reduced when turned to the lowest setting.

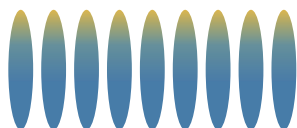
QUALITY OF FLAMES

The combustion quality of the burner flames needs to be confirmed visually.



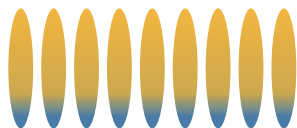
Soft blue flames

This is normal for natural gas.



Yellow tips on outer cones

This is normal for LP gas.



Yellow flames

This is abnormal for any gas operation.
Call for service.

If Burners Do Not Light Properly:

1. Turn cooktop control knob to the OFF position.
2. Check that the range is plugged into a grounded 3 prong outlet. Check that the circuit breaker has not tripped or the fuse has not blown.

3. Check that the gas shut-off valves are set to the open position.
4. Check that burner caps are properly positioned on burner bases.

Repeat start-up. If a burner does not light at this point, turn the control knobs to the OFF position and contact your dealer or authorized service company for assistance.

Abnormal Operation

Any of the following are considered to be abnormal operation and may require servicing:

- 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.
- Be sure power is in service.
- Yellow burner flames.
- Sooting up of cooking utensils.
- Burners not igniting properly.
- Burners failing to remain lit.
- Burners extinguished by oven door.
- Gas valves, which are difficult to turn.

In case the appliance fails to operate correctly, contact the authorized service provide in your area.

The burners require no regulation of the primary air.

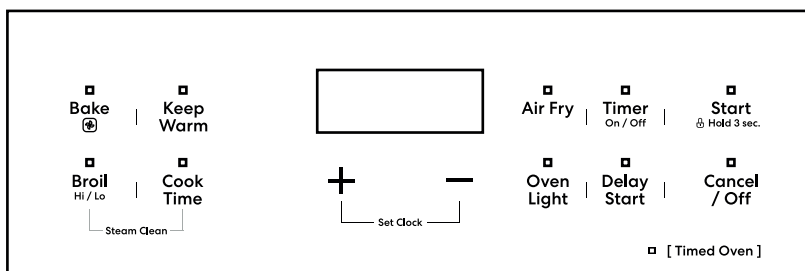
CHECKING OPERATION OF THE OVEN

Oven burners do not require any adjustment.

IMPORTANT:

- Ensure all packaging is removed, and oven is empty except for oven rack(s).
- Be sure power is in service.

OVEN CONTROLS



To Check Broil Burner:

1. Keep the oven door closed.
2. Press **Broil** once to select High Broil mode.
3. Press **Start**.
 - After 30–60 seconds, the upper broil burner should light and can be visually seen through the oven door window.
 - If the upper broil burner does not light, turn off the oven and contact a qualified technician.
4. Press **Cancel/Off** to stop High Broil mode.

To Check Bake Burner:

1. Keep the oven door closed.
 2. Press **Bake** twice to select Convection Bake mode.
The indicator light above Bake flashes.
 3. Press **Start** to select the default temperature.
--:-- appears in the display, prompting for cooking time to be entered.
 4. Press **Start** to skip setting the cook time and start the oven.
The oven starts to preheat, and PRE appears in the display.
 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.
- Note:**

 - If the door is left open too long for over 3 minutes, the cooking mode will be automatically cancelled.
6. Close the oven door. Let the oven run for 10 minutes.
 - (Optional) After preheating is complete, allow oven to run for at least 30 minutes to burn off and remove any manufacturing protection oil, dust or impurities.
 7. Press **Cancel/Off** to stop Convection Bake mode.

GAS CONVERSION

WARNING



Fire and Explosion Hazard

- Use a new CSA International approved gas supply line.
- Install a shut-off valve.
- Securely tighten all gas connections.
- If connected to LP, have a qualified person make sure gas pressure does not exceed the maximum pressure listed in this section.
- Examples of a qualified person include:
 - licensed heating personnel
 - authorized gas company personnel
 - authorized service personnel
- Failure to do so can result in death, explosion or fire.

WARNING



Tip Over Hazard

- A child or adult can tip the range and be killed.
- Install anti-tip bracket to floor or wall per installation instructions.
- Slide range back so rear range foot is engaged in the slot of the anti-tip bracket.
- Re-engage anti-tip bracket if range is moved.
- Do not operate range without anti-tip bracket installed and engaged.
- Failure to follow these instructions can result in death or serious burns to children and adults.

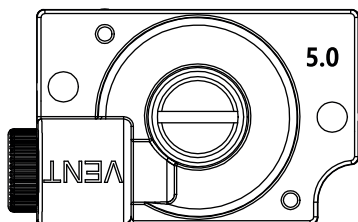
This range is factory-set for use with Natural gas (NG). The Propane gas (LP) conversion kit is sold separately. To order LP conversion kit, see "Optional Parts" in the "Tools and Parts" section.

IMPORTANT: Gas conversions must be done by a qualified service technician in accordance with the manufacturer's instructions and all codes and requirements of the authority having jurisdiction. The qualified agency performing this work assumes the gas conversion responsibility.

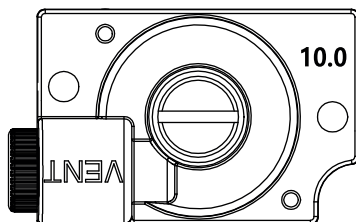
Keep and store the regulator cap that has just been replaced in case of re-installation with another gas.

CONVERT GAS PRESSURE REGULATOR

1. Turn manual gas shut-off valve to the closed position.
2. Unplug range or disconnect power.
3. Locate the regulator cap for correct fuel type being used.



NG regulator cap

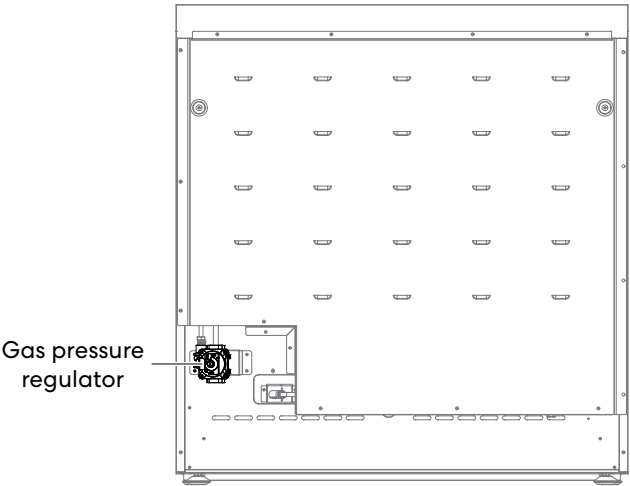


LP regulator cap

Note:

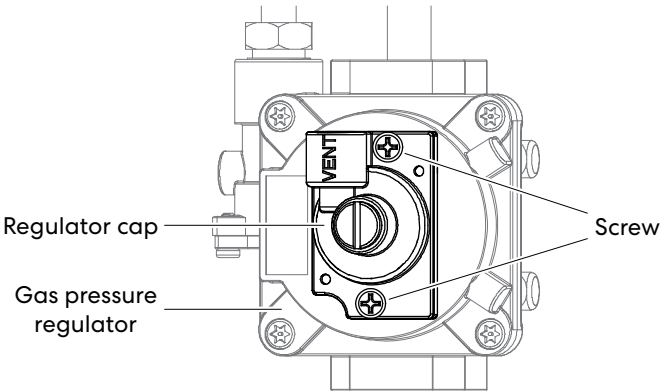
- NG regulator cap: This range is factory-set with the NG regulator cap installed. If converting back for NG from LP, retrieve the NG regulator cap removed and stored from previous conversion.
- LP regulator cap: Locate the LP regulator cap from LP conversion kit.

4. Locate gas pressure regulator at rear of range.



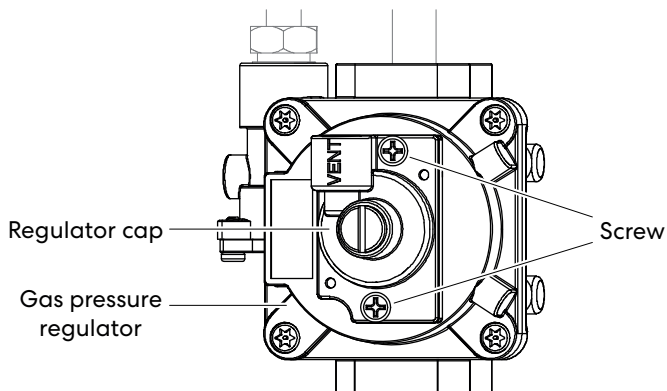
5. Remove 2 screws near center of gas pressure regulator, and remove regulator cap.

IMPORTANT: Do not remove the gas pressure regulator. Keep the sealing gasket in place on the gas pressure regulator.



6. Replace the regulator cap for correct fuel type being used.

IMPORTANT: Keep and store the regulator cap that has just been replaced in case of re-installation with another gas.



Note:

- If converting to propane from natural gas, please apply a label sticker with "LP Converted" notice on or near the regulator cover. If converting back to natural gas from propane, please remove the sticker so others know the appliance is set to use natural gas.

IMPORTANT: Make sure to save the orifices that have just been replaced in the conversion.

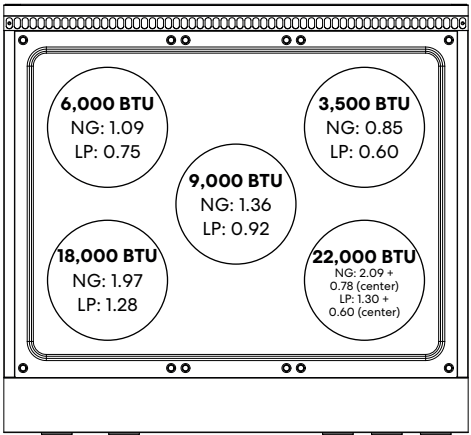
Tool Needed

- 9/32" (7 mm) nut driver

NG/LP ORIFICE CHART FOR SURFACE AND OVEN BURNERS

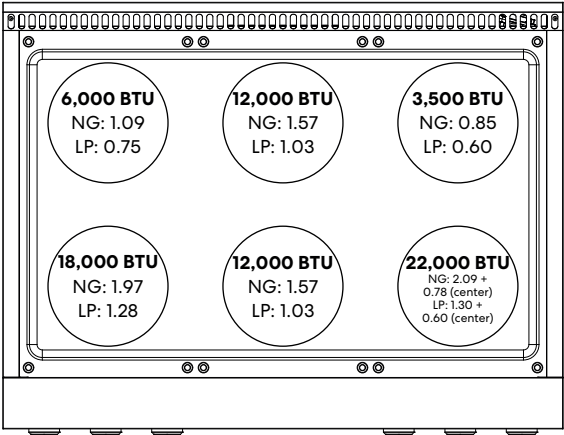
30" Model: COS-RGS305SS

Burner Placement	NG Orifice Size (mm)	LP Orifice Size (mm)	Rating (BTU/h)
Front Left	1.97	1.28	18,000
Front Right	2.09 + 0.78	1.30 + 0.60	22,000
Middle	1.36	0.92	9,000
Rear Left	1.09	0.75	6,000
Rear Right	0.85	0.60	3,500
Oven Top	1.69	1.10	13,500
Oven Bottom	2.02	1.28	18,500

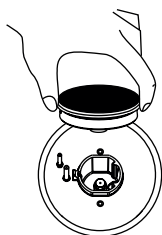


36" Model: COS-RGS366SS

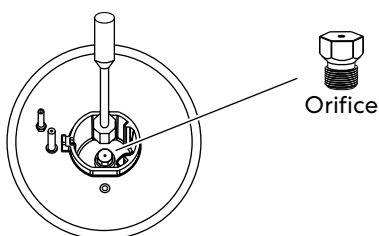
Burner Placement	NG Orifice Size (mm)	LP Orifice Size (mm)	Rating (BTU/h)
Front Left	1.97	1.28	18,000
Front Middle	1.57	1.03	12,000
Front Right	2.09 + 0.78	1.30 + 0.60	22,000
Rear Left	1.09	0.75	6,000
Rear Middle	1.57	1.03	12,000
Rear Right	0.85	0.60	3,500
Oven Top	1.69	1.10	13,500
Oven Bottom	2.02	1.28	18,500



1. If installed, remove surface burner grates, burner caps, and burner bases.

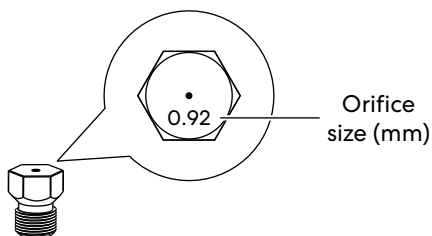


2. Remove the existing orifices with a 9/32" (7 mm) nut driver.



3. Replace the orifices with the correct fuel type orifices. Gas orifices are stamped with a size number. Refer to the orifice chart earlier for correct NG and LP gas orifice sizes and proper placement.

IMPORTANT: Keep and store the orifices that have just been replaced in case of re-installation with another gas.



4. Replace the burner bases and burner caps. See "Assembling the Surface Burners and Grates" section.

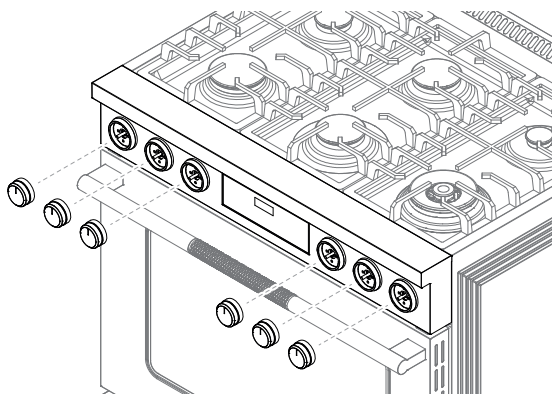
ADJUST SURFACE BURNER VALVES

Be very careful not to scratch the surface of the unit. The appearance of the range and knobs may vary from what is shown below, but the installation will be the same.

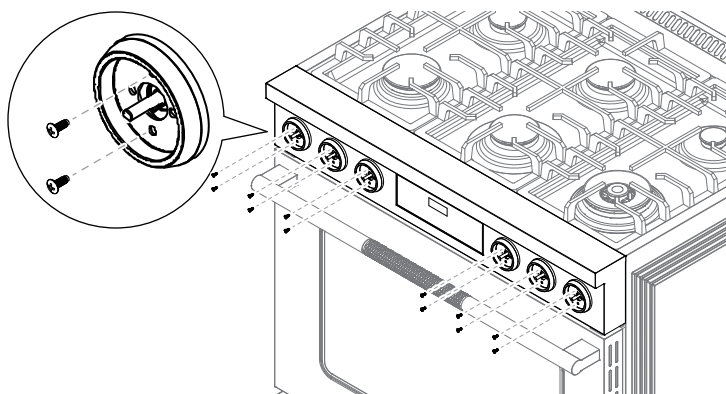
Tool Needed

- Phillips (cross-head) and slotted (flat-head) screwdrivers

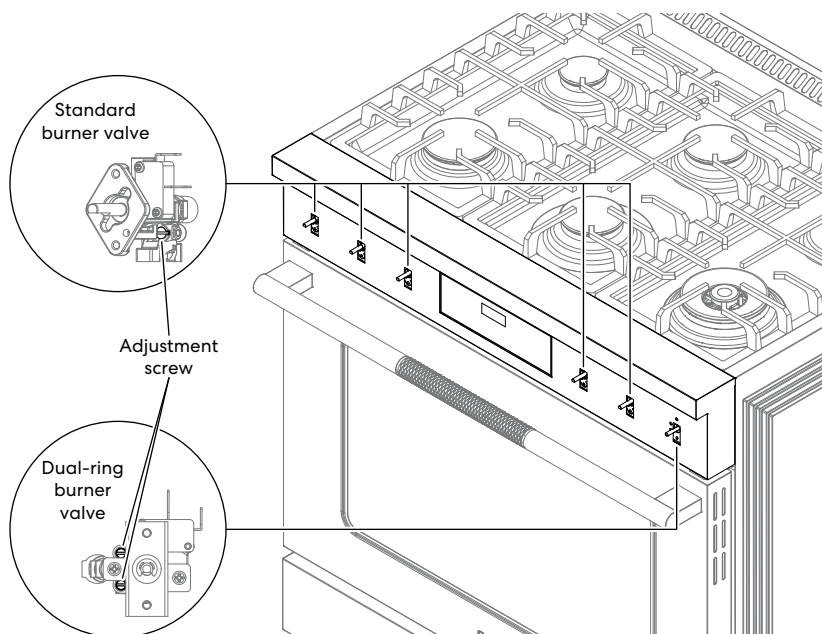
1. Remove the burner knobs by pulling the knobs straight off the stem.



2. Identify the two attachment screws at each knob bezel.

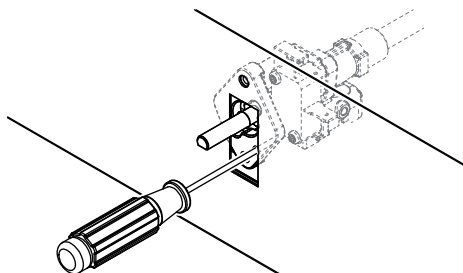


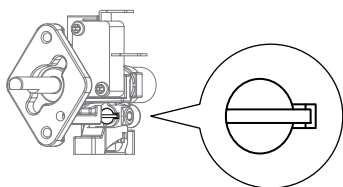
3. Use a Phillips (cross-head) screwdriver to remove the attachment screws, and remove the knob bezels from the control panel.
4. Locate the adjustment screw(s) on each burner valve.



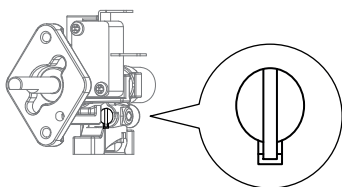
5. Use a slotted (flat-head) screwdriver to turn the adjustment screw clockwise or counter-clockwise to the correct fuel type position for all burner valves.

Standard Burner



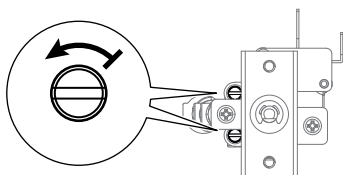
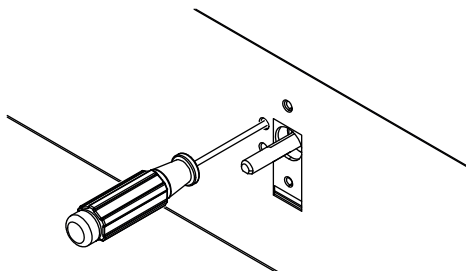


NG – horizontal position

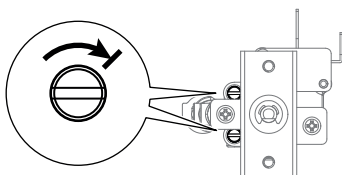


LP – vertical position

Dual-Ring Burner



NG – loosen by 2 full rotations
counter-clockwise



LP – tighten clockwise

Note:

- **For converting back to NG only:** Check the dual-ring burner flame size on Max. and Min. settings after completing gas conversion and opening shut-off valve in the gas supply line. Slight adjustment on the rotation of the adjustment screws may be required.

6. Replace the knob bezels with the attachment screws previously removed. Make sure the bezel is resting on the face of the control panel.

7. Replace the knobs. See "Install/Remove Control Knobs" section.

CONVERT OVEN BURNERS

This product cannot be converted to Natural gas (NG) or Propane gas (LP) by adjusting or tightening the oven orifices. The orifices must be replaced.

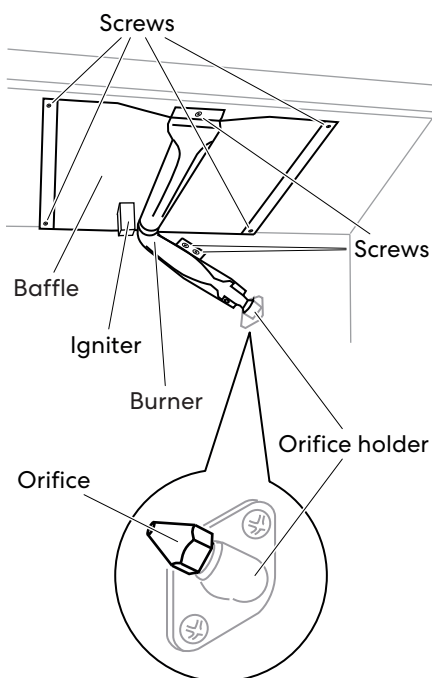
To gain better access to the oven components, the oven door may be detached from the range. See "Removing/Assembling Oven Door" section.

Tool Needed

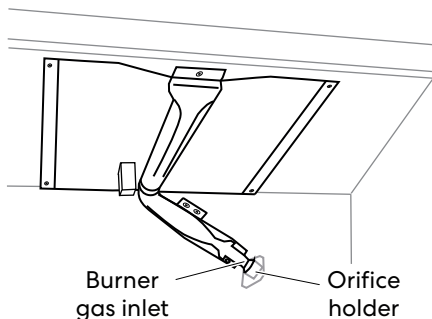
- 3/8" (9.5 mm) combination wrench

CONVERTING BROIL BURNER

1. Empty the oven.
2. Remove the 4 screws from broil burner baffle at the oven top.
3. Remove the 3 screws from broil burner while supporting it.
4. Carefully remove broil burner assembly (burner, igniter, and baffle) from broil orifice holder.
5. Tip front of assembly downwards and lean assembly out of the way, being careful not to damage igniter wire or oven surfaces.
6. Using a 3/8" (9.5 mm) combination wrench, replace the broil orifice with the correct fuel type orifice. Gas orifices are stamped with a size number. Refer to the orifice chart earlier for correct NG and LP gas orifice sizes.



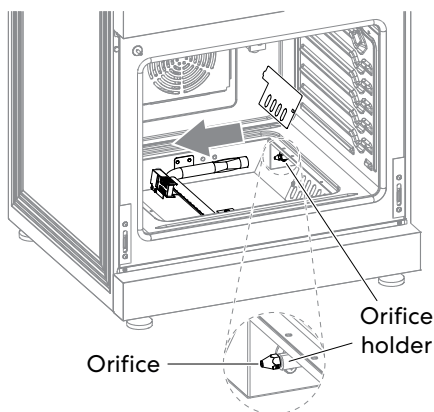
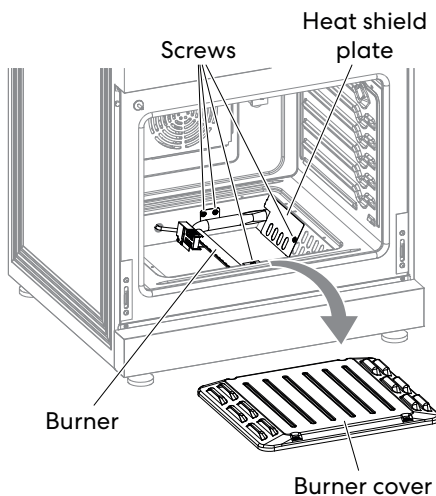
7. Place broil burner gas inlet on broil orifice holder and align burner assembly with the top and the rear of the oven. Make sure igniter wire is properly inserted into rear hole.



8. Replace the screws on burner assembly.

CONVERTING BAKE BURNER

1. Lift and remove bake burner cover on the oven bottom.
2. Remove the screw in the middle of lower heat shield on the right, and pull out rear heat shield plate to unveil bake orifice holder.
3. Remove the 3 screws from bake burner.
4. Gently move burner to the left and away from bake orifice holder, being careful not to damage igniter wire.
5. Using a 3/8" (9.5 mm) combination wrench, replace the bake orifice with the correct fuel type orifice. Gas orifices are stamped with a size number. Refer to the orifice chart earlier for correct NG and LP gas orifice sizes.

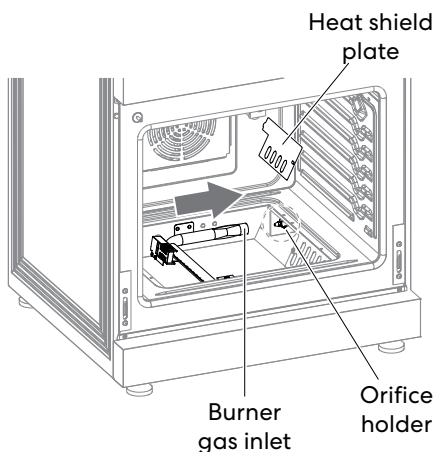


6. Place bake burner gas inlet on bake orifice holder and align burner with the oven. Make sure igniter wire is properly inserted into rear hole.

7. Replace the screws on burner.

8. Replace the rear heat shield plate.

9. Replace the bake burner cover.



COMPLETE GAS CONVERSION

1. Open shut-off valve in the gas supply line.

- Refer to "Gas Connection" in the "Installation Instructions" section for proper connection of the range to the gas supply.

2. Plug in range or reconnect power.

- Refer to the "Complete Installation" section to complete this procedure.

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 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

MEMO

MEMO



APPLIANCES

Cosmo is constantly making efforts to improve the quality and performance of our products, so we may make changes to our appliances without updating this manual.

Electronic version of this manual is available at:
www.cosmoappliances.com