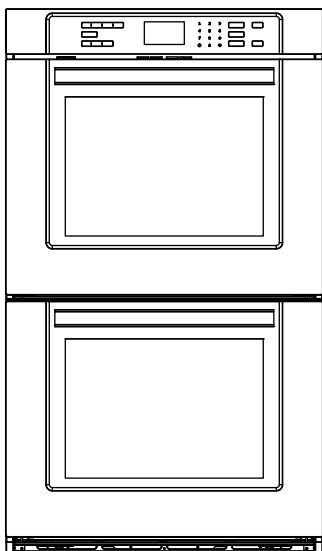
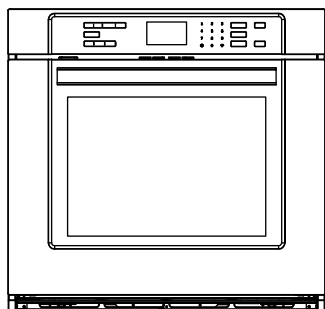




# WALL OVEN

**COS-30ESWC**

**COS-30EDWC**



## 30 IN. ELECTRIC WALL OVEN

### 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](http://www.cosmoappliances.com)**

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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](http://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. 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.
- Product failure due to improper installation is not covered under warranty.

# IMPORTANT SAFETY INSTRUCTIONS

**WARNING:** To reduce the risk of fire, electrical shock, injury to persons, or damage when using the appliance, follow basic precautions, including the following:

- Proper Installation – The appliance, when installed, must be electrically grounded in accordance with local codes, or in the absence of local codes, with the National Electrical Code, ANSI/NFPA 70 or the Canadian Electrical Code, CSA C22.1-02. In Canada, the appliance must be electrically grounded in accordance with Canadian Electrical Code. Be sure your appliance is properly installed and grounded by a qualified technician.
- Read all of the installation manual before installing the oven.
- Disconnect power before servicing.
- Remove all packing material before connecting the electrical supply.
- **WARNING:** Never cover any slots, holes or passages in the oven bottom or cover an entire rack with materials such as aluminum foil. Doing so blocks airflow through the oven and may cause carbon monoxide poisoning. Aluminum foil linings may also trap heat, causing a fire hazard.
- Injuries may result from misuse of appliance doors such as stepping, leaning, or sitting on the doors.
- Maintenance – Keep appliance area clear and free from combustible materials, gasoline, and other flammable vapors and liquids.
- User Servicing – Do not repair or replace any part of the appliance unless specifically recommended in the manual. All other servicing should be referred to a qualified technician.
- Do not use replacement parts that have not been recommended by the manufacturer (e.g. parts made at home using a 3D printer).
- Proper Disposal of Your Appliance – Dispose of or recycle your appliance in accordance with Federal and Local Regulations. Contact your local authorities for the environmentally safe disposal or recycling of your appliance.

**READ AND SAVE THESE INSTRUCTIONS**

# INSTALLATION REQUIREMENTS

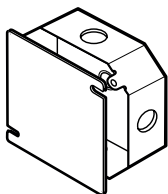
## TOOLS AND PARTS

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

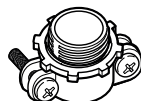
### Tools Needed

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

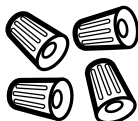
### Parts Needed



Junction box



3/4" Conduit Connector  
(UL Listed or CSA Approved)

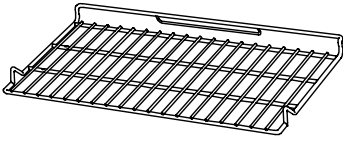


Wire Connector  
(UL Listed or CSA Approved)

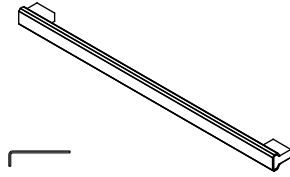


36" (91 cm) of String

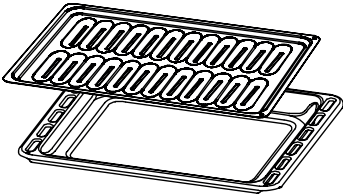
## Parts Supplied



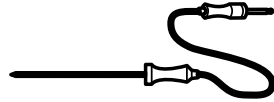
Oven Racks  
Single oven model (2)  
Double oven model (3)



Oven door handle  
Single oven model (1)  
Double oven model (2)



2-Piece broiler pan



Meat thermometer (probe)



#8-14 x 1" Mounting screws  
Single oven model (2)  
Double oven model (4)

### NOTE:

- To purchase these replacement parts or any other accessories, please visit [www.cosmoappliances.com](http://www.cosmoappliances.com) or reference the contact information at the end of this manual.



# LOCATION REQUIREMENTS

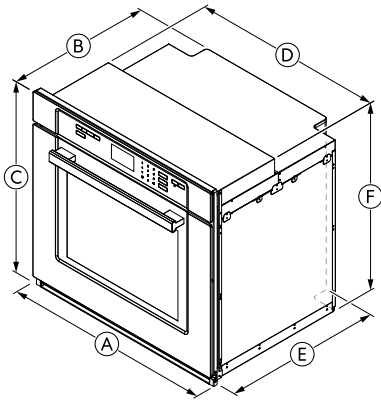
**IMPORTANT:** Observe all governing codes and ordinances.

- 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.
- 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 130 lbs (59 kg) plus food load of 30 lbs (14 kg).
- Floor must be able to support a double oven weight of 230 lbs (105 kg) plus food load of 60 lbs (28 kg).
- 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.

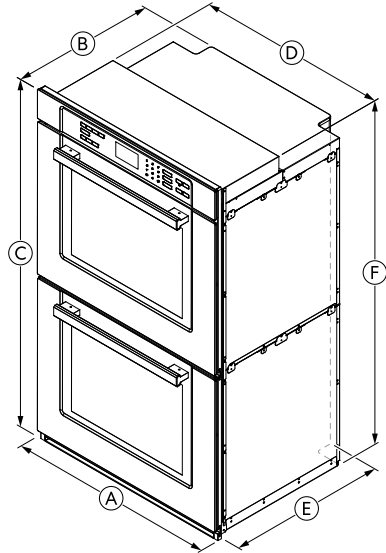
**IMPORTANT:** To avoid damage to your cabinets, check with your builder or cabinet supplier to make sure that the materials used will not discolor, delaminate, or sustain other damage. This oven has been designed in accordance with the requirements of UL and CSA International and complies with the maximum allowable wood cabinet temperatures of 194°F (90°C).

# PRODUCT DIMENSIONS

## Single Oven Model



## Double Oven Model



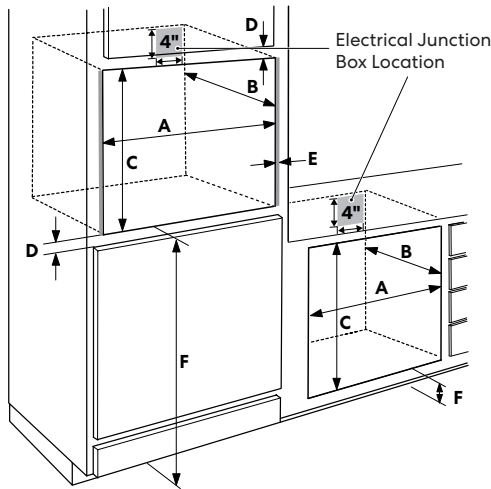
Dimensions	Letter	Measurements	
		Single Oven Model	Double Oven Model
Width (Overall)	A	29 13/16" (75.8 cm)	29 13/16" (75.8 cm)
Depth (Overall)	B	24 5/16" (61.8 cm)	24 5/16" (61.8 cm)
Height (Overall)	C	28 7/16" (72.2 cm)	51 3/16" (130.0 cm)
Width (Recessed)	D	28 1/2" (72.4 cm)	28 1/2" (72.4 cm)
Depth (Recessed)	E	23 5/16" (59.2 cm)	23 5/16" (59.2 cm)
Height (Recessed)	F	27 3/16" (69.1 cm)	49 15/16" (126.9 cm)

# CUTOUT DIMENSIONS

**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.

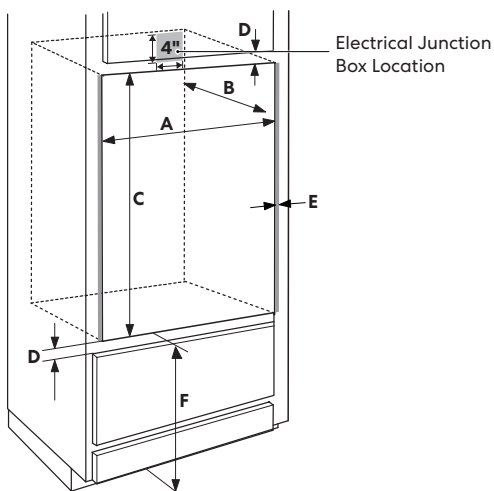
**GIVEN DIMENSIONS ARE MINIMUM CLEARANCES.**

## Single Oven in Cabinet and Under Counter



Dimensions	Letter	Single Oven Measurements	
		Cabinet	Under Counter without Cooktop
Width (Cutout)	A	28 5/8" (72.7 cm)	28 5/8" (72.7 cm)
Depth (Cutout)	B	23 13/16" (60.5 cm)	23 13/16" (60.5 cm)
Height (Cutout)	C	27 5/8" (70.1 cm)	27 5/8" (70.1 cm)
Clearance to Upper/Lower Cabinet Door	D	1 1/2" (3.8 cm)	N/A
Oven Side Overlap	E	11/16" (1.7 cm)	23 5/16" (59.2 cm)
Cutout to Floor (Recommended)	F	32" (81.3 cm)	5 1/4" (13.3 cm)

## Double Oven in Cabinet



Dimensions	Letter	Double Oven Measurements	
			Cabinet
Width (Cutout)	A		28 5/8" (72.7 cm)
Depth (Cutout)	B		23 13/16" (60.5 cm)
Height (Cutout)	C		50 1/4" (127.7 cm)
Clearance to Upper/ Lower Cabinet Door	D		1 1/2" (3.8 cm)
Oven Side Overlap	E		11/16" (1.7 cm)
Cutout to Floor (Recommended)	F		14 3/4" (37.5 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

## **WARNING**



### **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, properly grounded branch circuit, protected by a circuit breaker or fuse. See the rating plate located on the oven frame to determine the rating of the product.
- Use the table below to determine the minimum recommended dedicated circuit protection.

Oven Type	Voltage, Frequency	Power Rating	Recommended Circuit
COS-30ESWC Single Oven	240 V, 60 Hz	4,800 W	25 Amp
	208 V, 60 Hz	3,605 W	20 Amp
COS-30EDWC Double Oven	240 V, 60 Hz	8,500 W	40 Amp
	208 V, 60 Hz	6,381 W	35 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.
- 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.

1. Remove all tape and packaging materials from around the oven.
2. Open the oven door and remove packaging materials and oven racks 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:**

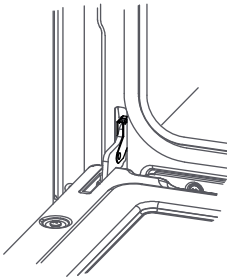
- Do not remove any warning-type labels, the model and serial number label, or the Tech Sheet that is located on the back of the oven.
- Do not use sharp instruments, rubbing alcohol, flammable fluids, or abrasive cleaners to remove tape or glue. These products can damage the surface of your oven.
-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



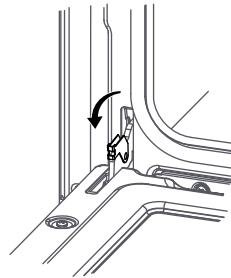
# REMOVE OVEN DOOR

**IMPORTANT:** The oven door is heavy and fragile, and the door front is glass. 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.

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.

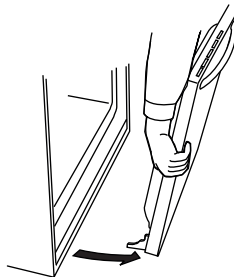


Locked



Unlocked

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. Set the oven door(s) aside on a covered work surface. Do not lay the oven door on its handle. Doing so may cause dents or scratches.



# 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**

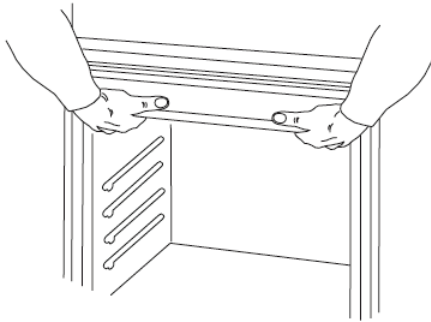
### **EXCESSIVE WEIGHT HAZARD**

- 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, 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.

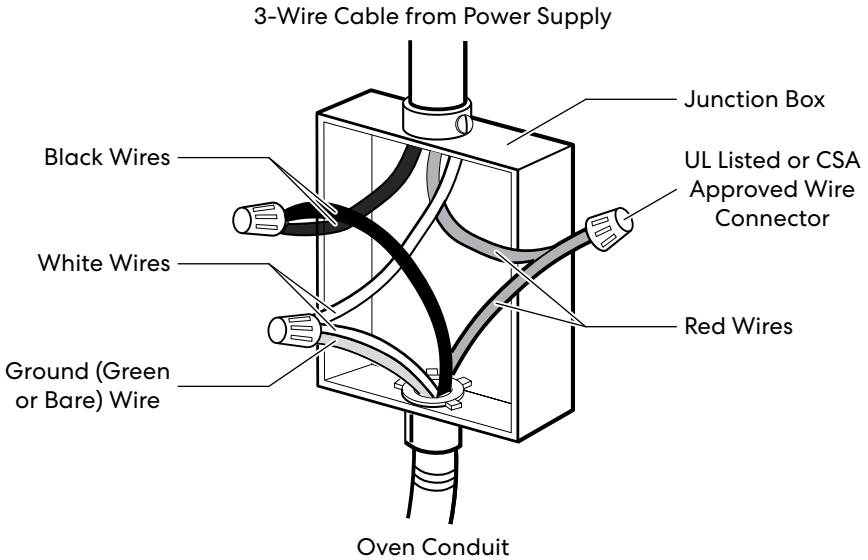
1. Turn off the circuit breaker or remove fuses to the oven branch circuit.
2. Using two or more people, grasp the ceiling of the oven cavity, lift oven on table or platform directly in front of and even with the cutout opening.
  - For a single oven, the platform and the cutout floor must both support 160 lbs (73 kg).
  - For a double oven, the platform and the cutout floor must both support 290 lbs (132 kg).



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

## 3-WIRE POWER SUPPLY CONNECTION

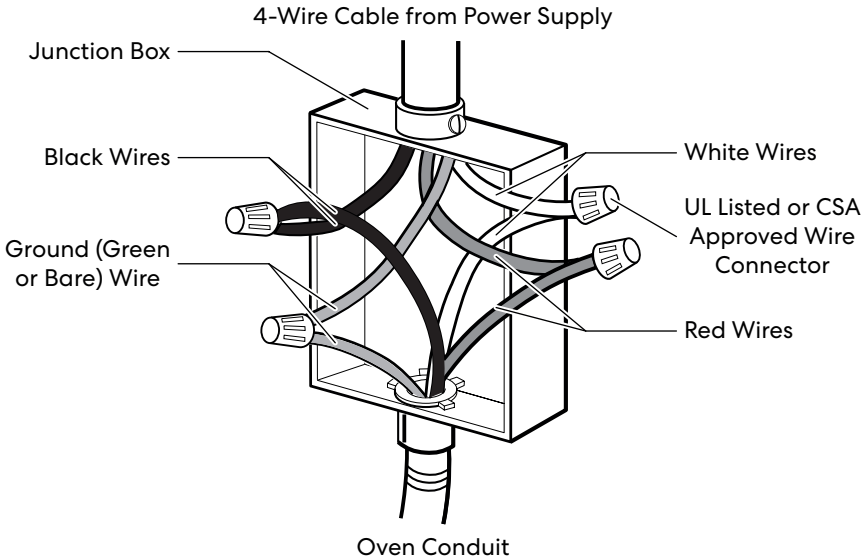
**IMPORTANT:** Use the 3-wire cable from power supply where local codes permit connecting the oven ground conductor to the neutral (white) junction box supply wire.



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 the oven ground (green or bare) wire and neutral (white) wire to the neutral (white) wire in the junction box.
5. Install junction box cover.

## 4-WIRE POWER SUPPLY 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. Install junction box cover.

# 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.
  - Single oven: 2 screws, one on each side.
  - Double oven: 4 screws, one on each side in both the upper and lower ovens.

#### **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 provided.

**NOTE:**

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

## INSTALL OVEN DOOR

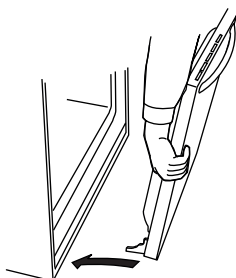
**IMPORTANT:** The oven door is heavy and fragile, and the door front is glass. To avoid oven door glass breakage, use both hands, and grasp only the sides of the oven door to remove. Do not lift oven door by door handle.

### Assembling Door

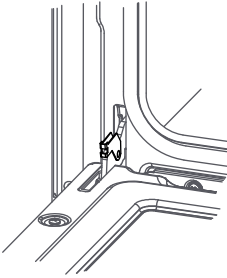
1. Verify that the hinge arms are extending forward.
2. Firmly grasp both sides of the door.

**IMPORTANT:** Do not lift door by door handle.

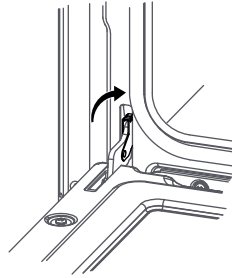
3. With the door at the same angle as the removal position, which is approximately five degrees or 2-3 inches from being fully closed, seat the indentation of the hinge arms into the bottom edge of the hinge slots. The notch in the hinge arms must be fully seated into the bottom edge of the slots.



4. Open the door fully. If the door will not open fully, the indentation is not seated correctly in the bottom edge of the slots.
5. Lock the hinge locks, rotating them back toward the slots in the oven frame until they lock.



Unlocked



Locked

6. Close the oven door. Check that the door is free to open and close and is level while closed.



# INSTALL OVEN DOOR HANDLE

## (FOR UNITS WITHOUT THE HANDLE PRE-INSTALLED)

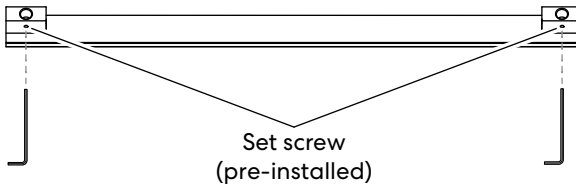
Be very careful not to scratch the surface of the unit. The appearance of the handle may vary from what is shown in the manual

### Tool Needed

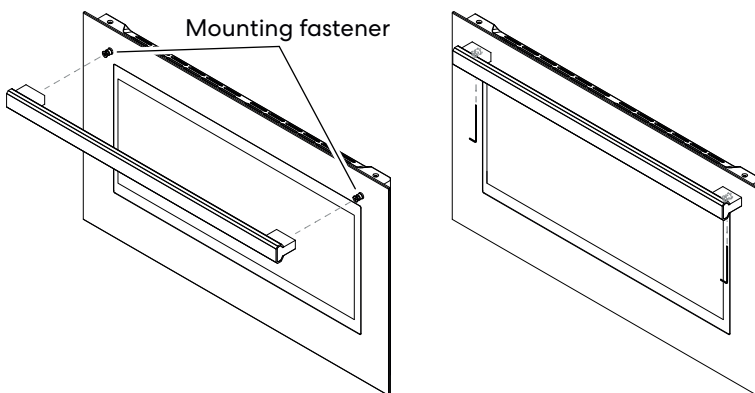
- Hex key (provided)

### Installing the Handle

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



2. Place the handle on the door by fitting the handle footprints over the mounting fasteners and tightening the set screws with the Hex key.

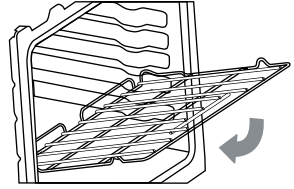


# COMPLETE INSTALLATION

## INSERT OVEN RACKS

The appearance of the racks may vary from what is shown in the manual.

1. Place the end of the rack on the support.
2. Tilt the front end up and push the rack in.



## CHECK OPERATION OF OVEN

**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 to make sure the circuit breaker is closed (RESET) or the circuit fuses are replaced. Be sure power is in service.
2. At first use, set up the clock and any other preferences if available. For more information, read the User Manual.
3. Press BROIL.
4. Set the temperature.
5. Press START.

**NOTE:**

- If oven does not operate, check the following:
  - Household fuse is intact and tight, or circuit breaker has not tripped.
  - Electrical supply is connected.
  - See "Troubleshooting" section in the User Manual.

6. When oven has been on for 5 minutes, feel for heat.

If you do not feel heat or if an error message appears in the display, turn off the oven and contact a qualified technician.

7. Press CANCEL to turn off the oven.

## **IMPORTANT**

### **Do Not Return This Product To The Store**

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

**+1 (888) 784-3108**

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 Cosmo Customer Support au

**+1 (888) 784-3108**

UNE PREUVE D'ACHAT DATEE EST REQUISE POUR BENEFICIER 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 COSMO al

**+1 (888) 784-3108**

(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.

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**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](http://www.cosmoappliances.com)