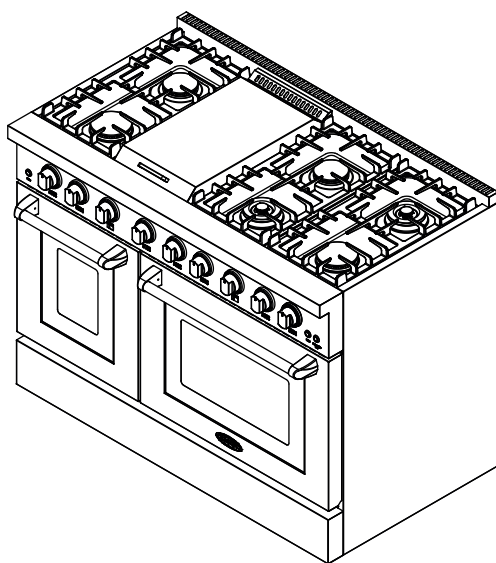




DUAL FUEL RANGE

COS-DFRL486GK



SLIDE-IN RANGE

GAS CONVERSION 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
GAS CONVERSION	9
Convert Gas Pressure Regulator	10
Convert Surface Burners	13
Convert Griddle	16
Complete Gas Conversion	18
CONTACT US	19

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.

California Proposition 65 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.

- Do not store or use gasoline or other flammable vapors and liquids in the vicinity of this or any other appliance.
- **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.
- Installation and service must be performed by a qualified installer, service agency or the gas supplier.

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 4-prong, 240VAC single-phase (split-phase), 60Hz grounded electrical source protected by a 30- or 40-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

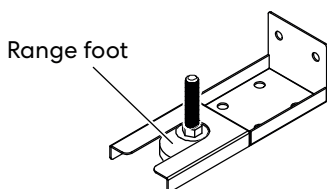


TIP OVER HAZARD

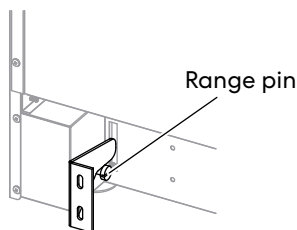
- A child or adult can tip the range and be killed.
- Install anti-tip bracket to floor or wall per installation instructions.
- Slide range back so rear range foot is engaged in the slot of the floor-mounting anti-tip bracket or rear range pin is engaged under the wall-mounting anti-tip bracket.
- Re-engage the anti-tip bracket if range is moved.
- Do not operate the 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 floor-mounting anti-tip bracket or rear range pin is under the wall-mounting anti-tip bracket.



Floor-mounting anti-tip bracket



Wall-mounting 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

- Phillips screwdriver
- Combination wrench
- Nut driver
- Gloves
- Safety glasses

PARTS NEEDED

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

- LP/NG conversion kits



Scan to find
available LP/NG
kits

GAS CONVERSION

WARNING



FIRE AND EXPLOSION HAZARD

- Use a new CSA International approved gas supply line and install a shut-off valve for new installations.
- 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 the "Gas Supply Requirement" 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 or rear range pin is engaged with the floor-mounting or wall-mounting anti-tip bracket.
- Re-engage the anti-tip bracket if range is moved.
- Do not operate the range without anti-tip bracket installed and engaged.
- Failure to follow these instructions can result in death or serious burns to children and adults.

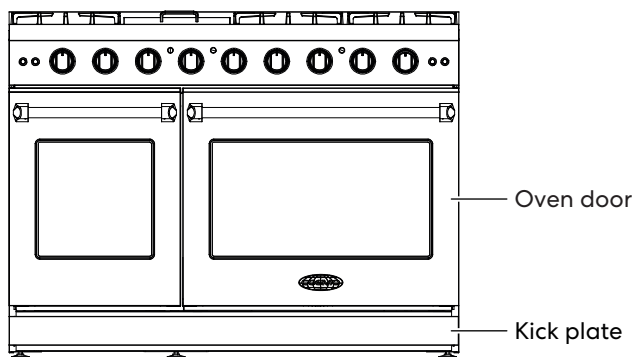
This range is factory-set for use with Natural gas (NG). The Propane gas (LP) conversion kit is sold separately. To order LP or NG conversion kit, see "Parts Needed" in the "Tools and Parts" section.

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

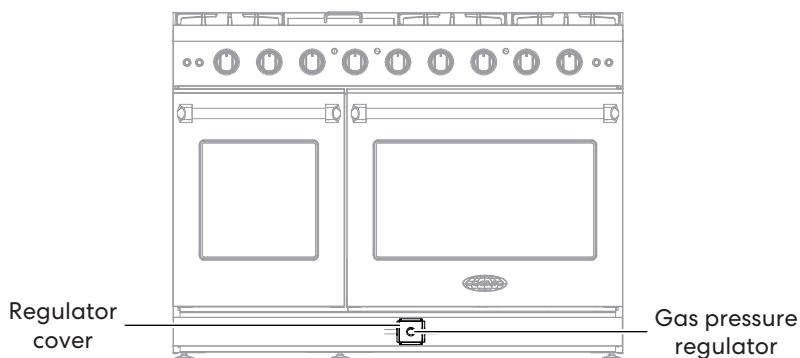
1. Turn manual gas shut-off valve to the closed position.
2. Unplug range or disconnect power.
3. Locate and remove the screws between kick plate and oven door.



4. Slowly pull away and remove kick plate.

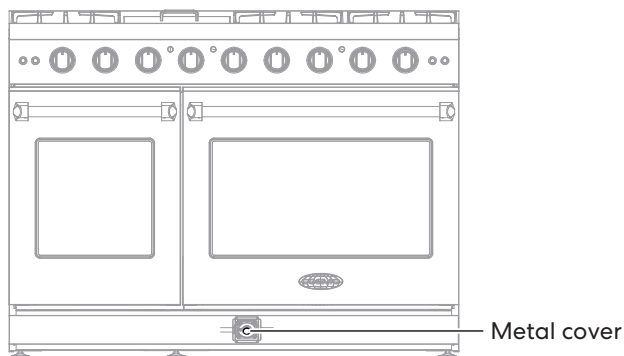
5. Locate gas pressure regulator.

IMPORTANT: Do not remove the gas pressure regulator.

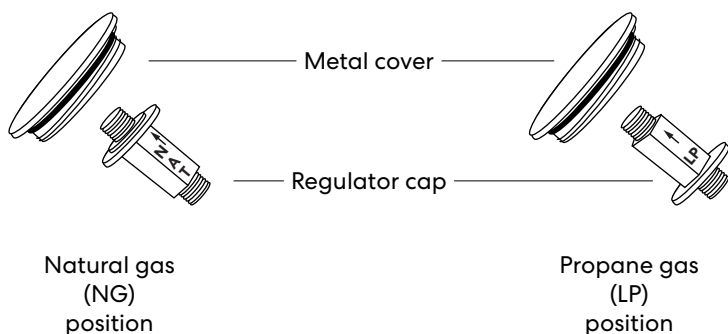


6. Unscrew the metal cover in the center of gas pressure regulator.

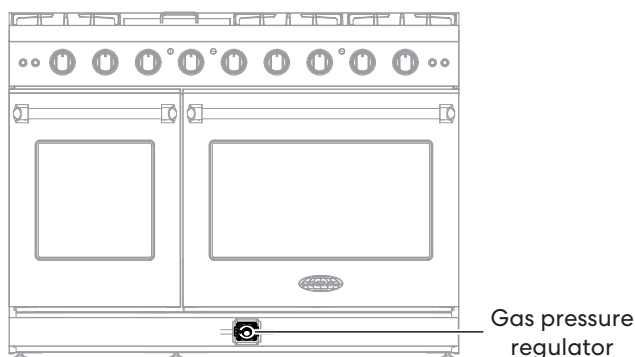
IMPORTANT: Do not remove the spring from the gas pressure regulator.



7. Unscrew the regulator cap on the metal cover. Orient the regulator cap for the fuel type being used and screw it back into the metal cover.



8. Screw the metal cover securely back into the gas pressure regulator. Do not overtighten.



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.

9. Reattach the kick plate with the screws removed earlier.

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

CONVERT SURFACE BURNERS

Tool Needed

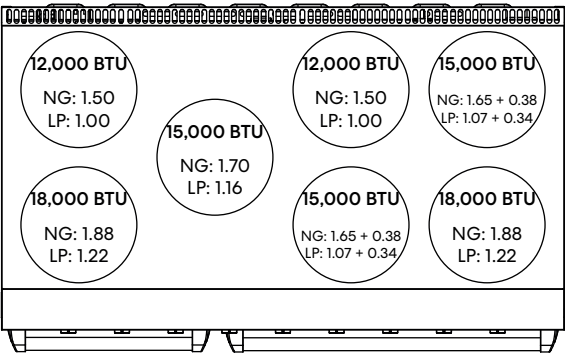
- 9/32" (7 mm) nut driver

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

NG/LP Orifice Chart for Surface Burners

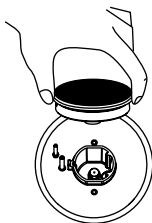
COS-DFRL486GK

Burner Placement	NG Orifice Size (mm)	LP Orifice Size (mm)	Rating (BTU/h)
Front Left	1.88	1.22	18,000
Middle Left (Griddle)	1.70	1.16	15,000
Front Middle Right	1.65 + 0.38	1.07 + 0.34	15,000
Front Right	1.88	1.22	18,000
Rear Left	1.50	1.00	12,000
Rear Middle Right	1.50	1.00	12,000
Rear Right	1.65 + 0.38	1.07 + 0.34	15,000

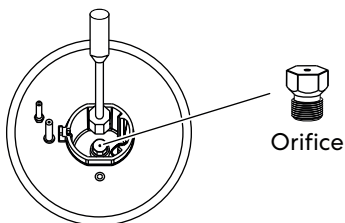


Converting Surface Burners

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

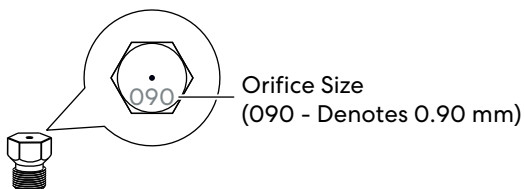


2. Remove the existing orifices with a 9/32" (7 mm) nut driver.



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 Natural gas (NG) and Propane gas (LP) orifice sizes and proper placement.

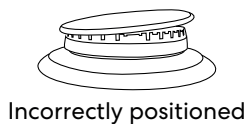
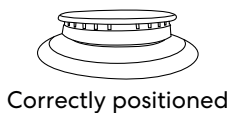
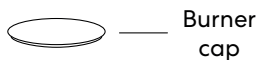
IMPORTANT: Keep and store the orifices that have just been replaced in case of re-installation with another gas.



4. Replace the burner bases, burner caps, and burner grates.

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.



CONVERT GRIDDLE

The griddle cannot be converted to Natural gas (NG) or Propane gas (LP) by adjusting or tightening the orifice. The orifice must be replaced.

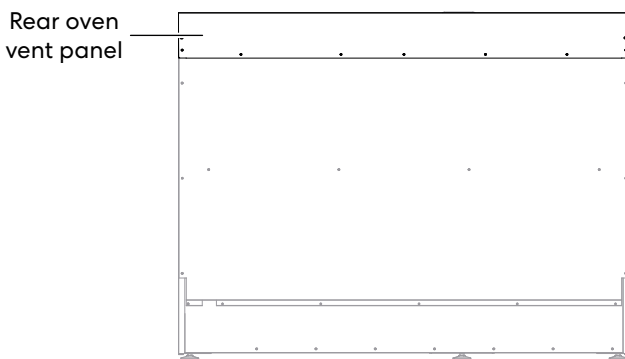
Tool Needed

- Phillips screwdriver
- 3/8" (9.5 mm) combination wrench

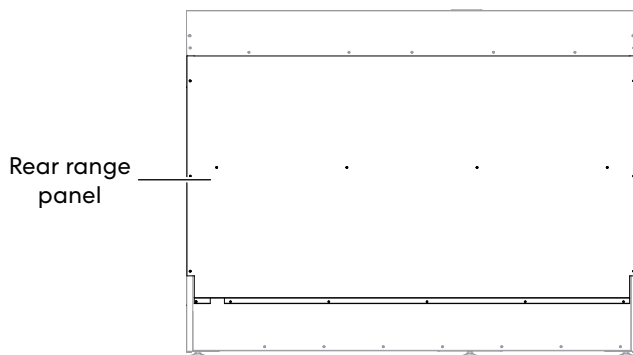
IMPORTANT: Make sure to save the orifices that have just been replaced in the conversion.

Converting Griddle

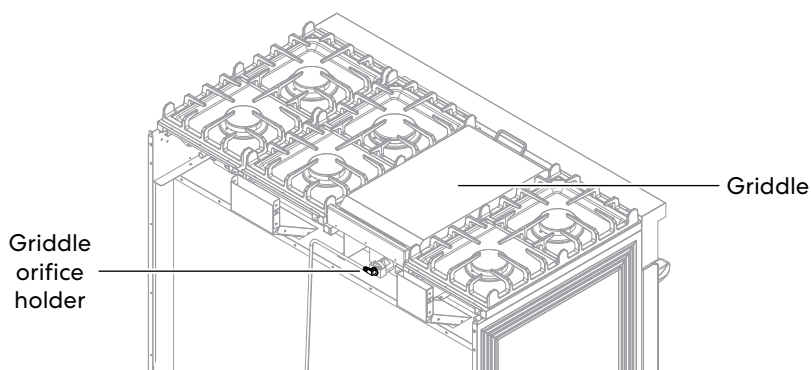
1. Remove the screws on the back of rear oven vent, and slowly remove the rear oven vent panel.



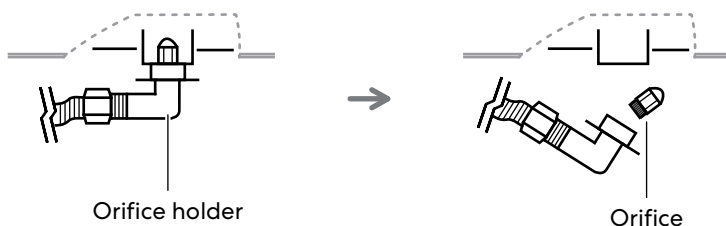
2. Remove the screws along edges and across center of rear range panel, and slowly remove rear range panel.



3. Remove the screws of griddle orifice holder below the griddle. The orifice is located behind the orifice holder.



4. Using one wrench to hold griddle orifice holder and a 3/8" (9.5 mm) combination wrench for orifice, replace griddle 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.



5. Position griddle orifice holder back in place and replace the screws.
6. Position rear range panel and rear oven vent panel back in place and replace the screws.

COMPLETE GAS CONVERSION

1. Open shut-off valve in the gas supply line.
 - Refer to "Gas Connection" section in the "Installation Manual" for proper connection of the range to the gas supply.
2. Plug in range or reconnect power.
3. Check operation of the surface burners and griddle.

IMPORTANT:

- You may have to adjust the low setting for each surface burner.
- Verify anti-tip bracket engagement after moving range back into its installation location.

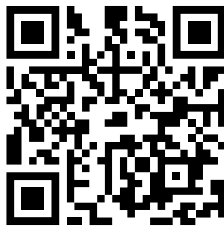
CONTACT US

CUSTOMER SUPPORT

TO CHAT WITH US LIVE FOR ASSISTANCE, VISIT:

WWW.COSMOAPPLIANCES.COM/CHAT

SCAN TO CHAT



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.

MEMO

Handwriting practice lines consisting of 15 sets of horizontal dashed lines.

MEMO

MEMO

Handwriting practice lines consisting of 15 sets of horizontal dashed lines.



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