



DISTINCT BY DESIGN™

Installation Instructions

Professional Rangetop

CGU366, CGU486

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Questions? Visit cafeappliances.com.

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Safety Information

Have a question or need assistance with your appliance? Try the Café website 24 hours a day, any day of the year! You can also shop for more great Café products and take advantage of all our on-line support services designed for your convenience. In the US: cafeappliances.com. (In Canada, cafeappliances.ca.)

IN THE COMMONWEALTH OF MASSACHUSETTS

- This product must be installed by a licensed plumber or gas fitter.
- When using ball type gas shut-off valves, they shall be the T-handle type.
- A flexible gas connector, when used, must not exceed 5 feet.

⚠ WARNING FIRE OR 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 must be performed by a qualified installer.

Read these instructions completely and carefully.

Installation of this range must conform with local codes, or in the absence of local codes, with the National Fuel Gas Code, ANSI Z223.1/NFPA.54, latest edition. In Canada, installation must conform with the current Natural Gas Installation Code, CAN/CGA-B149.1 or the current Propane (LP) Installation Code, CAN/CGA-B149.2, and with local codes where applicable. This range has been design-certified by CSA International according to ANSI Z21.1, latest edition and Canadian Gas Association according to CAN/CGA-1.1 latest edition.

When installing a gas appliance the use of old flexible connectors can cause gas leaks and personal injury. Always use a NEW flexible connector.

Leak testing of the appliance shall be conducted according to the manufacturer instructions.

The range must be electrically grounded in accordance with local codes or, in the absence of local codes, in accordance with the National Electrical Code (ANSI/NFPA 70, latest edition). In Canada, electrical grounding must be in accordance with the current CSA C22.1 Canadian Electrical Code Part 1 and/or local codes. See Electrical Connections in this section.

Do not install this product with an air curtain hood or other range hood that operates by blowing air down on the cooktop. This airflow may interfere with operation of the gas burners resulting in fire or explosion hazard.

READ AND SAVE THESE INSTRUCTIONS

Safety Information

BEFORE YOU BEGIN

Read these instructions completely and carefully.

- **IMPORTANT** — Save these instructions for local inspector's use.
- **IMPORTANT** — Observe all governing codes and ordinances.
- **IMPORTANT** — Remove all packing material and literature from oven before connecting gas and electrical supply to range.
- **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).
- **Note to Installer** — Be sure to leave these instructions with the consumer.
- **Note to Consumer** — Keep these instructions with your Owner's Manual for future reference.
- **Service** — The electrical diagram is in an envelope attached to the back of the range.
- Proper installation is the responsibility of the installer.
- Product failure due to improper installation is not covered under warranty.
- For Café Parts and Accessories, visit our website at cafeappliances.com. (In Canada, cafeappliances.ca.)
- If you received a damaged rangetops, you should contact your dealer.

IF SOLD OUTSIDE THE U.S. AND CANADA

▲ WARNING If you wish to use this product with Liquefied Petroleum (LP) gas containing greater than 10% butane, you must purchase the butane conversion kit #CXBUPR01. To order, please call 1.888.664.8403 or 1.787.276.4051. Failure to do so may result in carbon monoxide or fire hazard.

VENT HOOD COMBINATIONS

A suitable overhead vent hood is required for models with a grill and is recommended for all other models.

Due to the high heat capacity of this unit, particular attention should be paid to the hood and ductwork installation to assure it meets local building codes.

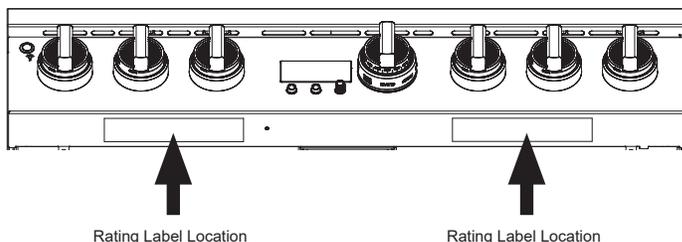
Clearances to horizontal surfaces above the range, measured to the cooking surface are below. Failure to comply may result in fire hazard.

- Installations without a hood require 48" minimum to combustibles.
- A custom hood installation with exposed horizontal combustibles surfaces must have an Auto-On feature.
- For other installations with a hood, refer to hood installation instructions for specific hood clearances.

▲ CAUTION These rangetops are extremely heavy. Some disassembly will reduce the weight considerably. Due to the weight and size of the rangetop and to reduce the risk of personal injury or damage to the product:

TWO PEOPLE ARE REQUIRED FOR PROPER INSTALLATION OF RANGETOPS.

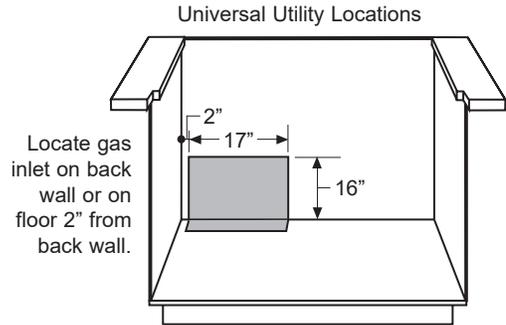
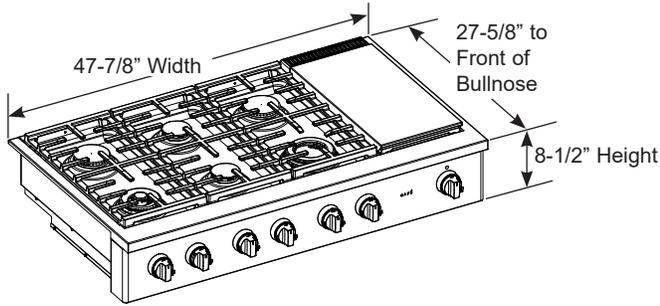
THREE PEOPLE ARE REQUIRED FOR PROPER INSTALLATION OF 48" RANGETOPS.



READ AND SAVE THESE INSTRUCTIONS

Design Information

PRODUCT DIMENSIONS AND CLEARANCES FOR 48" MODELS

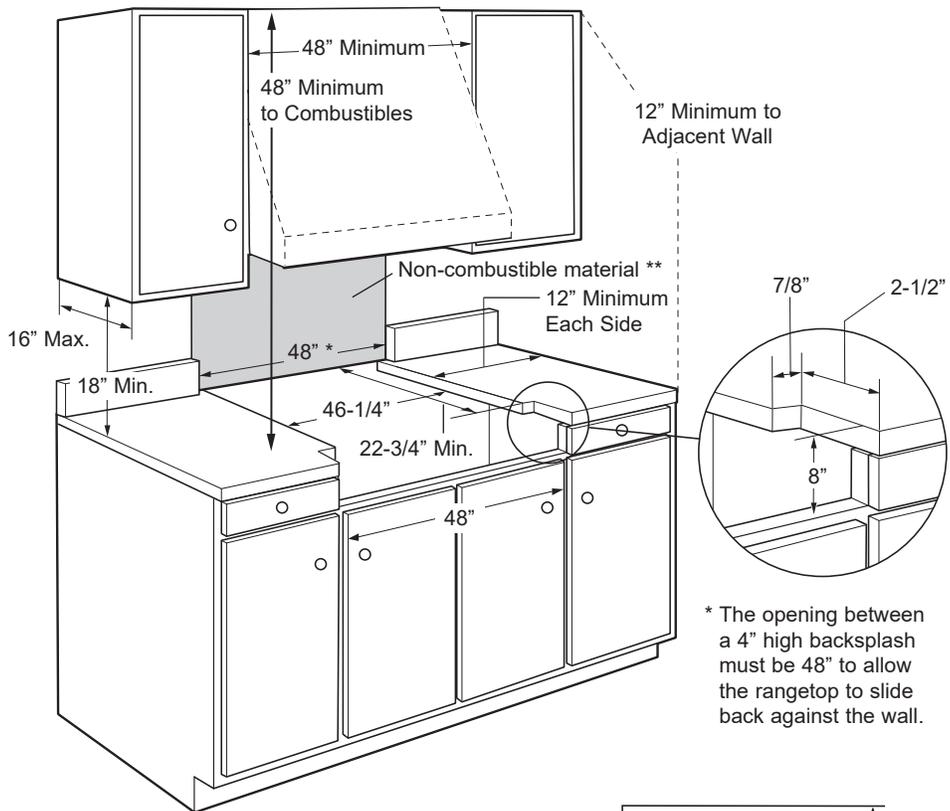


⚠ WARNING Installations without a hood require 48" minimum to combustibles. A custom hood installation with exposed horizontal combustible surfaces must have an Auto-On feature. Refer to hood installation instructions for specific hood clearances.

The surface of the entire back wall above the range and below the hood must be covered with a non-combustible material such as metal, ceramic tile, brick, marble or other stone.

⚠ CAUTION To prevent drafts from affecting burner operation, seal all openings in floor under appliance and behind appliance wall.

** As defined in the National Fuel Gas Code (ANSI Z223.1/CSA B149.1, Current Edition). Clearances from non-combustible materials are not part of the ANSI Z21.1/CSA 1.1 scope and are not certified by CSA. Clearances less than 12" must be approved by local codes and/or the authority having jurisdiction.



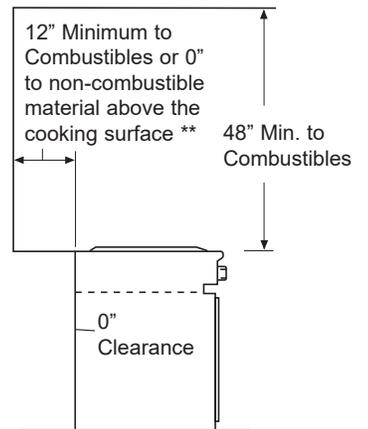
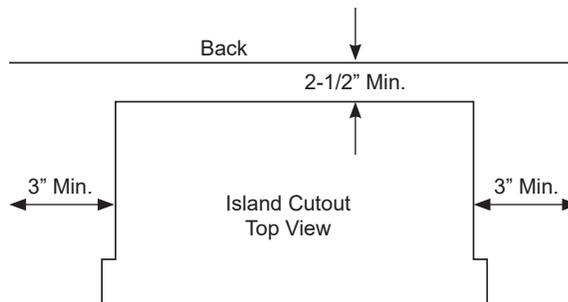
* The opening between a 4" high backsplash must be 48" to allow the rangetop to slide back against the wall.

ADDITIONAL CLEARANCES:

Allow 12" minimum clearance to an adjacent wall on each side.

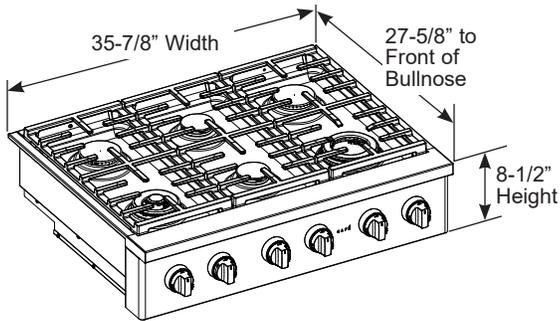
Working areas adjacent to the rangetop should have 18" minimum clearance between countertop and the bottom of the wall cabinet.

For island installation, maintain 2-1/2 in. minimum from cutout to back edge of countertop and 3 in. minimum from cutout to side edges of countertop (see top view).

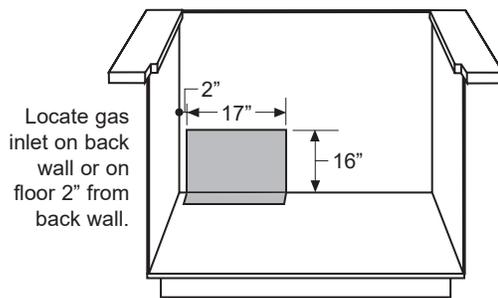


Design Information

PRODUCT DIMENSIONS AND CLEARANCES FOR 36" MODELS



Universal Utility Locations



⚠ WARNING

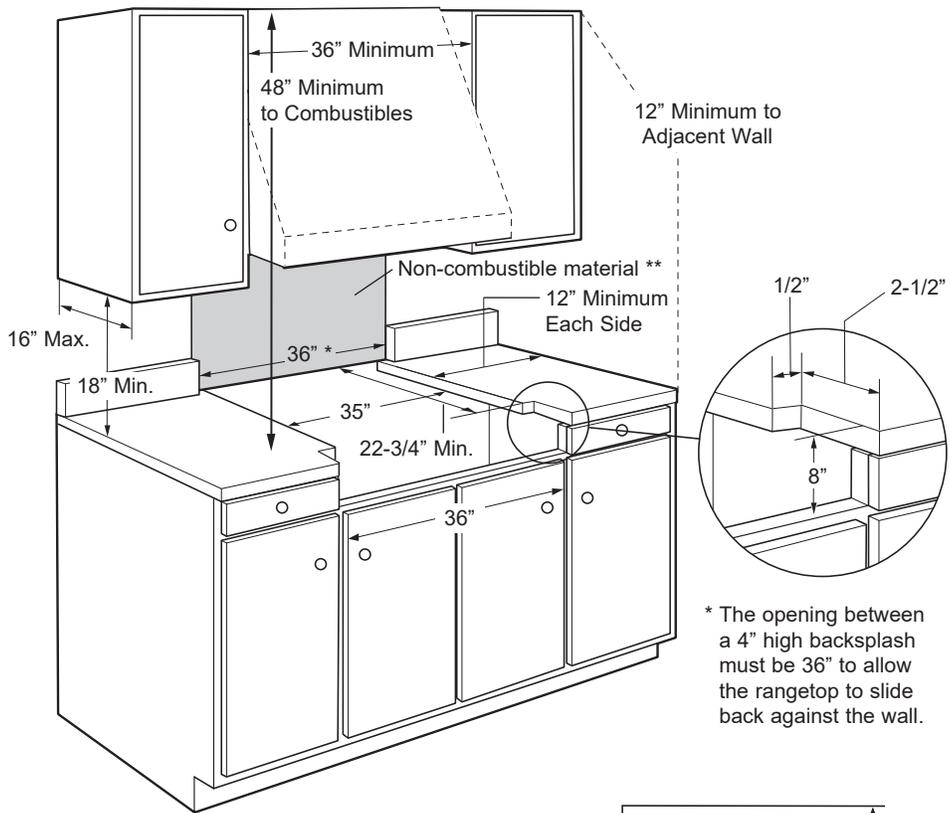
Installations without a hood require 48" minimum to combustibles. A custom hood installation with exposed horizontal combustible surfaces must have an Auto-On feature. Refer to hood installation instructions for specific hood clearances.

The surface of the entire back wall above the range and below the hood must be covered with a non-combustible material such as metal, ceramic tile, brick, marble or other stone.

⚠ CAUTION

To prevent drafts from affecting burner operation, seal all openings in floor under appliance and behind appliance wall.

** As defined in the National Fuel Gas Code (ANSI Z223.1/CSA B149.1, Current Edition). Clearances from non-combustible materials are not part of the ANSI Z21.1/CSA 1.1 scope and are not certified by CSA. Clearances less than 12" must be approved by local codes and/or the authority having jurisdiction.



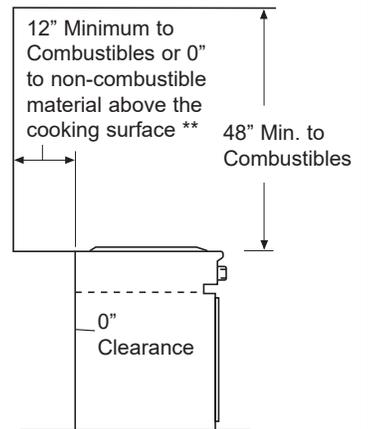
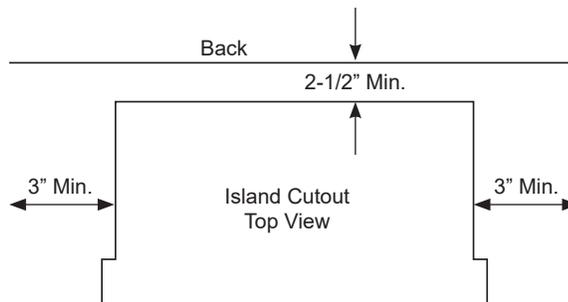
* The opening between a 4" high backsplash must be 36" to allow the rangetop to slide back against the wall.

ADDITIONAL CLEARANCES:

Allow 12" minimum clearance to an adjacent wall on each side.

Working areas adjacent to the rangetop should have 18" minimum clearance between countertop and the bottom of the wall cabinet.

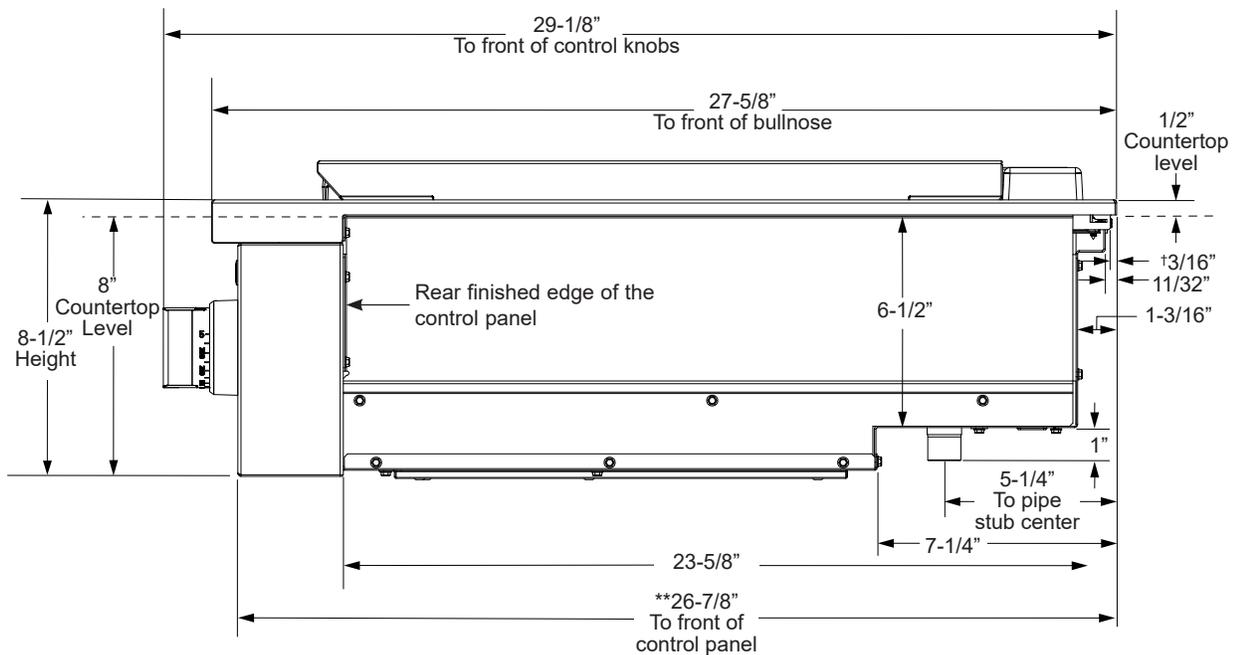
For island installation, maintain 2-1/2 in. minimum from cutout to back edge of countertop and 3 in. minimum from cutout to side edges of countertop (see top view).



Design Information

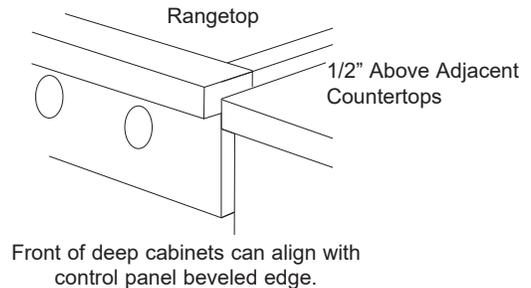
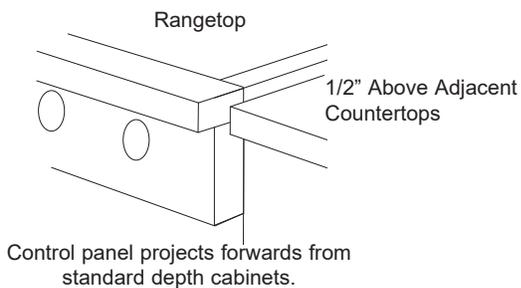
PRODUCT DIMENSIONS AND CLEARANCES

48" and 36" Rangetop Models



† Include the overhang of the rear trim when countertop continues behind the product. The overhang is decorative only. The weight of the rangetop is fully supported by the side trims.

** Maximum countertop cutout depth from the back of the rear trim to the back edge of chamfer at the sides of the control panel - typically, the maximum countertop cutout depth (front to back). Minimum countertop cutout depth is 25-1/4\".



Installation Information

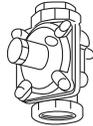
INSTALLATION AT HIGH ALTITUDE

Over 6000ft, product configured for natural gas or propane requires installation of kit (WB28X39728 for natural gas and WB28X39729 for propane gas). Follow the instructions included with the kit.

MATERIALS PROVIDED



Hold-Down Strap

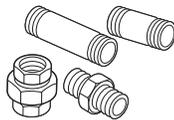


Regulator

MATERIALS REQUIRED (not provided)



Pipe Thread Sealant



Pipe Fittings



Shut-Off Valve



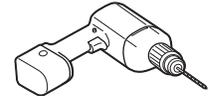
5-foot maximum length, 5/8" O.D. CSA-approved flexible metal gas supply

NOTE: Purchase new flexible line; do not use previously used flexible gas line.

TOOLS REQUIRED



Saber Saw



Drill and Appropriate Bits



Measuring Tape



Adjustable Wrench



Carpenter's Square



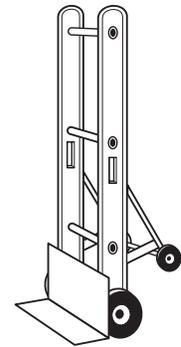
1/4" Driver or Wrench



Safety Glasses



Phillips #2 Screwdriver



Hand Truck



Level

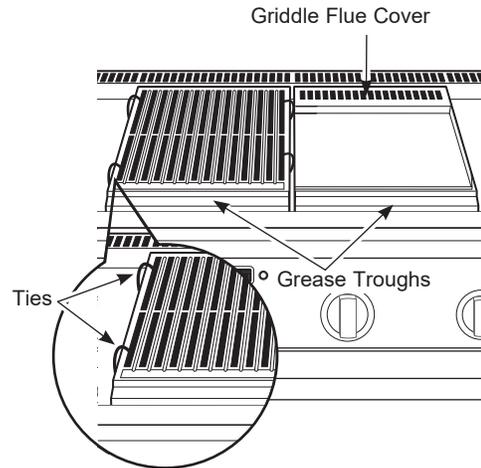
Installation

1 REMOVE PACKAGING

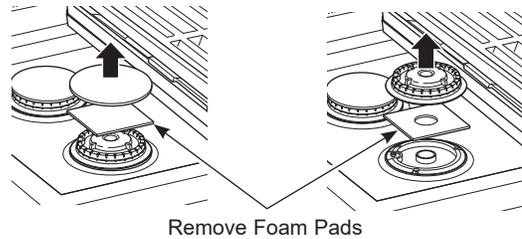
CAUTION Stand clear. The ends of the cut metal banding may snap toward you.

- Cut the metal banding.
- Remove packaging tape and foam. Dispose of packaging materials properly.
- Remove grill/griddle covers, grill grate and burner grates.
- Lift out cast-iron griddle flue cover, grease troughs and pads.

- Cut the ties holding the grill grate to the grill frame.

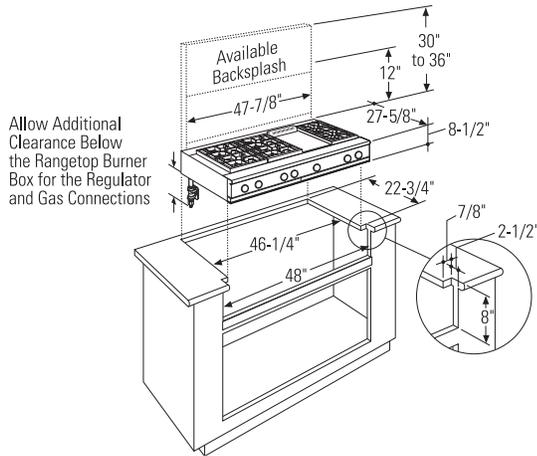


- Lift off burner caps and remove foam pad, then lift off burner heads and remove foam pad.

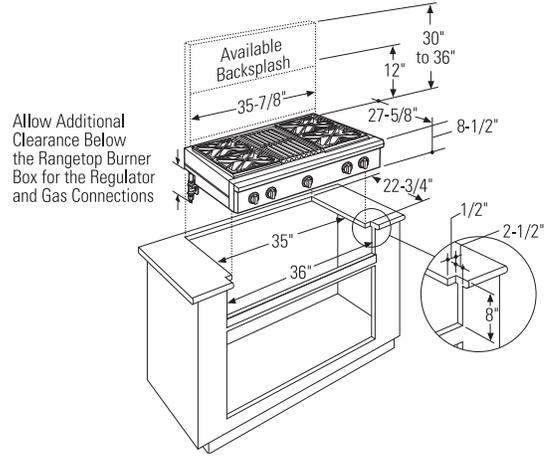


Installation

2 CUT THE COUNTERTOP OPENING



48" wide models are designed to fit in 48" or wider base cabinets



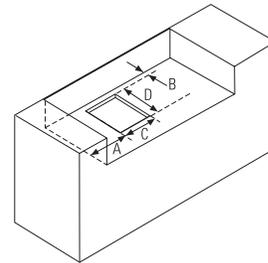
36" wide models are designed to fit in 36" or wider base cabinets

Measure carefully when cutting the countertop. Make sure sides of the opening are parallel.

- Allow 8" free space below the top surface of the countertop.
- Allow additional clearances below the burner box to install the regulator and make house supply connections. Use a 90° elbow to route the gas connections and limit interference with drawers or other cabinetry features.
- These rangetops are designed to hang from the countertop by their side flanges.
- Smooth any rough edges on the countertop before installing the rangetop.
 - Formica countertop edges must be finished.

The countertop must be strong enough to support the weight of the rangetop.

Cutout Opening with False Bottom



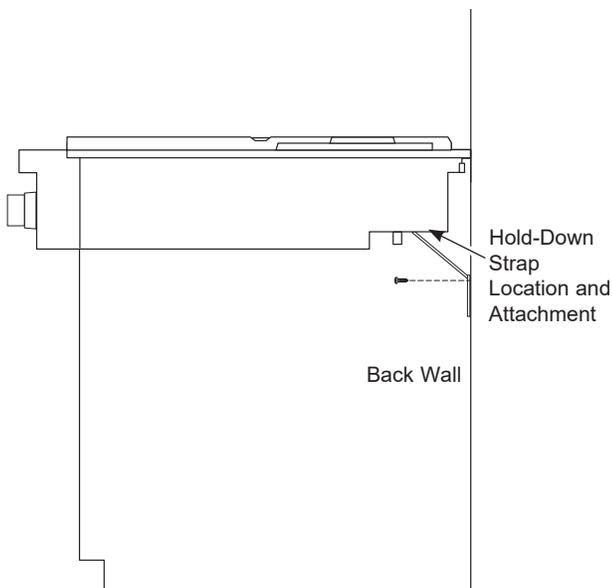
Dimensions				
	A (Dia.)	B	C	D
36" Rangetop	7-3/8"	1-1/2"	7-1/2"	11-1/8"
48" Rangetop	8-1/4"	1-1/2"	7-1/2"	11-1/8"

- You can construct the cutout with a false bottom to conceal the bottom of the rangetop.
 - Build the false bottom using a solid material; cut a 7-1/2" x 11-1/8" hole in the left rear corner for the gas inlet and power cord clearances.

Installation

3 INSTALL RANGETOP

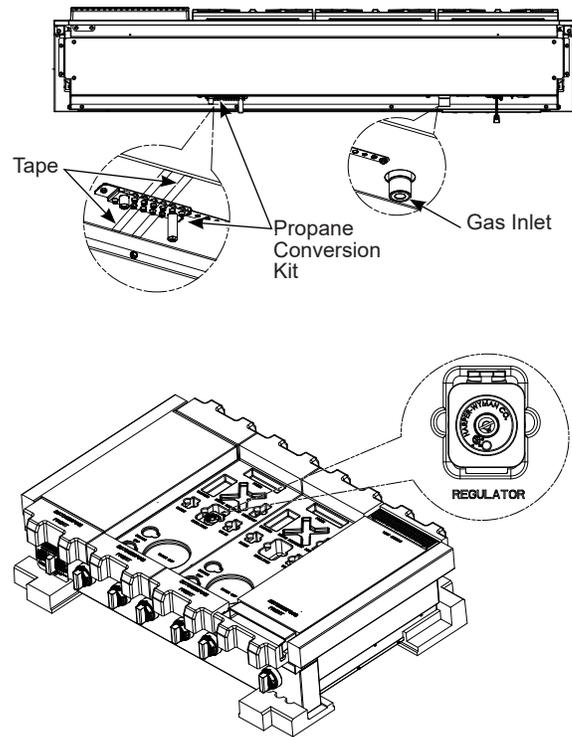
- Slide the rangetop into the opening. Make sure the rangetop is evenly seated and supported.
- A hold-down strap with screws is provided to secure the rangetop to the rear or side cabinet walls.
- Remove the hold-down strap from the back of the rangetop. Attach one end of the strap to the back of the rangetop.
- Secure the other end of the strap as high as possible to the cabinet back wall or adjacent cabinet. Keep the strap as short as possible for better security.



4 CONVERSION TO PROPANE (LP) OR NATURAL GAS

The pressure regulator and the burner orifices are set for natural gas at the factory. To operate the rangetop with propane (LP), the regulator and burner orifices must be converted. The conversion must be performed by a qualified propane (LP) gas installer.

Keep these instructions and all orifices in case you want to convert back to natural gas.



Installation

5 GAS SUPPLY

▲WARNING Fire Hazard: Do not use a flame to check for gas leaks.

▲WARNING Explosion Hazard: Do not exceed 25 ft-lbs of torque when making gas line connections. Overtightening may damage the pressure regulator resulting in fire or explosion hazard.

Gas Pressure Regulator

You must use the gas pressure regulator supplied with this rangetop. For proper operations the inlet pressure to the regulator should be as follows:

Natural Gas:

Minimum pressure: 6" of Water Column
Maximum pressure: 13" of Water Column

Propane (LP) Gas:

Minimum pressure: 11" of Water Column
Maximum pressure: 13" of Water Column

If you are not sure about the inlet pressure contact local gas supplier.

Shut off the main gas supply valve before disconnecting the old rangetop and leave it off until the new hook-up has been completed. Don't forget to relight the pilot on other gas appliances when you turn the gas back on.

Because hard piping restricts movement of the rangetop, the use of a CSA International-certified flexible metal appliance connector is recommended unless local codes require a hard-piped connection.

If the hard piping method is used, carefully align the pipe; the rangetop cannot be moved after the connection is made.

To prevent gas leaks, put pipe thread sealant on, or wrap pipe thread tape with Teflon* around all male (external) pipe threads.

- A. Install provided pressure regulator directly to the gas inlet pipe of the rangetop. Refer to the arrow on the back of the regulator for gas flow direction. Ensure the front of the regulator is facing towards the cabinet front, easily accessible through the cabinet doors.
- B. Install a manual shut-off valve in the gas line in a location easily accessible through the cabinet doors.
- C. When all connections have been made, ensure all gas controls are in the off position and turn on the main gas supply valve. Use a liquid leak detector at all joints and connections to check for leaks in the system.

*Teflon: Registered trademark of DuPont

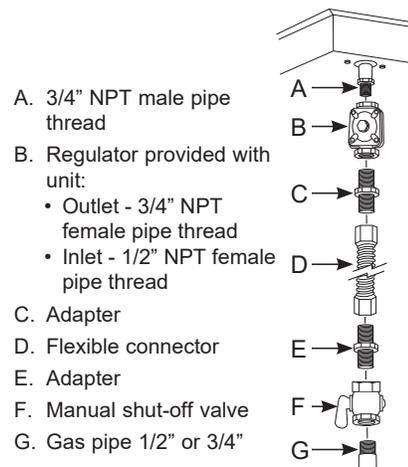
5 GAS SUPPLY (cont.)

When using pressures greater than 1/2 psig to pressure test the gas supply system of the residence, disconnect the rangetop and individual shut-off valve from the gas supply piping. When using pressures of 1/2 psig or less to pressure test the gas supply system, simply isolate the rangetop from the gas supply system by closing the individual shut-off valve.

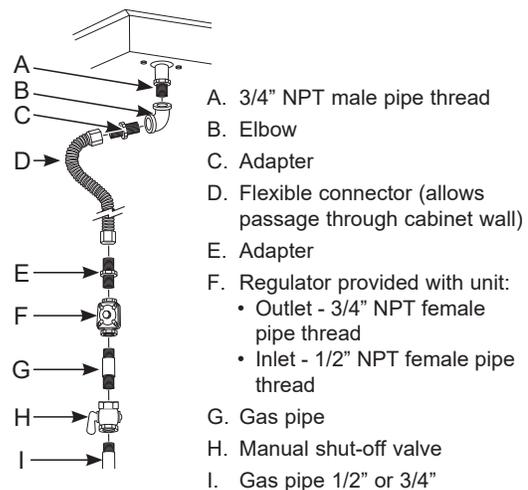
When checking for proper operation of the regulator, the inlet pressure must be at least 1" greater than the operating (manifold) pressure as given on rating label of product.

CONNECTOR HOOKUP

TYPICAL INSTALLATION WITH NO OBSTRUCTION BELOW RANGETOP



ALTERNATE INSTALLATION WITH OBSTRUCTION BELOW RANGETOP



Installation

6 ELECTRICAL CONNECTIONS

⚠ WARNING Shock Hazard: This appliance must be properly grounded. Failure to do so can result in electric shock.

Electrical Requirements - 120-volt, 60 Hertz, properly grounded dedicated circuit protected by a 15-amp or 20-amp circuit breaker or time delay fuse.

NOTE: Use of automatic, wireless, or wired external switches that shut off power to the appliance are not recommended for this product.

Grounding

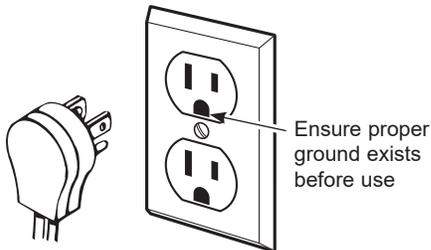
The power cord of this appliance is equipped with a three-prong (grounding) plug which plugs into a standard three-prong grounding wall receptacle to minimize the possibility of electric shock hazard from this appliance.

The customer should have the wall receptacle and circuit checked by a qualified electrician to make sure the receptacle is properly grounded.

Where a standard two-prong wall receptacle is encountered, it is the personal responsibility and obligation of the customer to have it replaced with a properly grounded three-prong wall receptacle.

DO NOT, UNDER ANY CIRCUMSTANCES, CUT OR REMOVE THE THIRD (GROUND) PRONG FROM THE POWER CORD. DO NOT USE AN ADAPTER. DO NOT USE AN EXTENSION CORD.

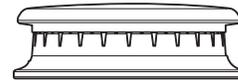
Ground Fault Circuit Interrupters (GFCI's) are not required or recommended for gas range receptacles. Performance of the range will not be affected if operated on a GFCI-protected circuit but occasional nuisance tripping of the GFCI breaker is possible.



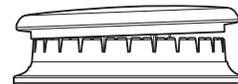
7 CHECK BURNERS

⚠ WARNING Fire or Explosion Hazard: Do not operate the burner without all burner parts in place.

- A. **Burners** - Place surface burners into corresponding positions on cooktop.
- B. **Caps** - Place caps on proper size burner.
- C. **Grates** - The left and right grates are interchangeable. Place the grates on the cooktop.



Burner Cap Properly Seated



Burner Cap Not Properly Seated

8 CHECK SURFACE BURNERS

Push and turn a knob to the LITE position. A clicking sound indicates proper operation of the ignition system. When lighting any burner, sparks will appear at all burners but gas flows from only the one selected. Once air is purged from the supply line, burner should light within 4 seconds. After burner lights, rotate the knob out of the LITE position. Try each burner in succession until all burners have been checked.

Quality of Flames

Determine the quality of flames visually. Normal burner flames should look like (A) or (B).



(A) Soft blue flames—
Normal for natural gas



(B) Yellow tips on
outer cones—
Normal for propane (LP) gas

Long, bright yellow flames are not normal. Normal flames may show signs of an orange tint when well heated or signs of flickering orange due to particles in the gas or air.

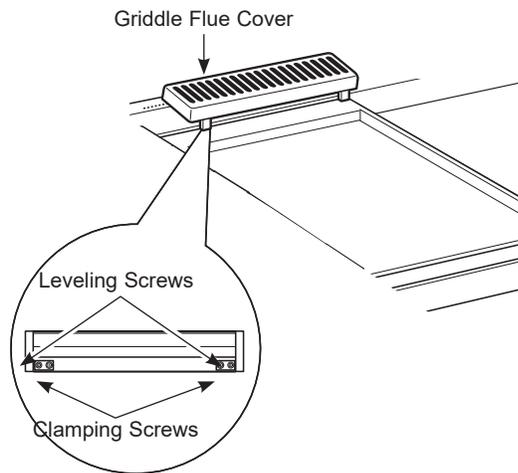
Installation

FINALIZE INSTALLATION

Place the burner grates over the burners. The grates should be seated and should not rock.

The griddle is secured with screws. It is designed to be stationary and should not be removed.

The griddle has two leveling screws beneath the rear flue cover that can be used to adjust to the desired slope.



The two inner screws are clamping screws for securing the griddle in place. Loosen these two screws before leveling. Do not remove these two screws.

The two outer screws are leveling screws. Do not remove these two screws. They can be turned to level the griddle or to provide a forward slope to help grease and oils drain away from the food being cooked.

After leveling the griddle, hand-tighten the clamping screws; do not over-tighten.

WHEN ALL HOOKUPS ARE COMPLETED

Make sure all controls are left in the off position. Make sure the flow of combustion and ventilation air to the range is unobstructed.

Check that all packing materials and tape have been removed. This will include tape on metal panel under control knobs (if applicable), adhesive tape, wire ties, cardboard, and protective plastic. Failure to remove these materials could result in damage to the appliance once the appliance has been turned on and surfaces have heated.

UX12BS36PSS, UX12BS48PSS Accessory Installation

OPTIONAL ACCESSORIES—12" HIGH BACKSPLASH

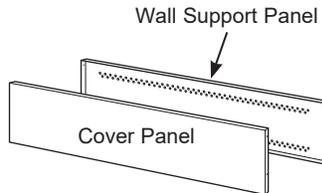
This kit provides for the installation of a 12" high backsplash for 36" Professional Ranges and Rangetops.

TOOLS AND MATERIALS REQUIRED

- Gloves to protect against sharp edges
- T-15 and #2 Phillips screwdrivers
- Drill with 3/32" and 9/64" bits
- Safety glasses
- Level
- Pencil

This Kit Includes

- Wall support panel
- Cover panel
- Hardware package with
 - 5 Stainless Steel Torx 15 #8 self-tapping screws
 - 5 Phillips #2 pan head wood #10 screws



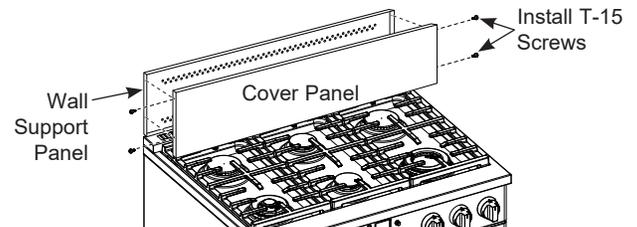
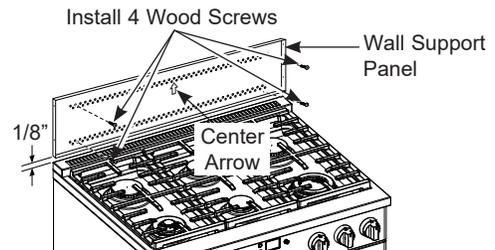
Hardware Package

INSTALL 12" BACKSPLASH

⚠ WARNING This backsplash must be securely fastened to the wall. Failure to do so could result in damage or personal injury.

- Install and level the range or rangetop and the range hood according to the installation instructions.
- Remove the backsplash packaging and protective film.
- Use a level to pencil a horizontal line on the wall, 1/8" above the range or rangetop. The 1/8" gap allows the cover panel to overlap the wall support panel.
- Locate wall studs on each side. Where studs are not available, plan to use wall anchors (not provided).
- Align the wall support panel on the marked horizontal line and centered left to right.
- The wall support panel must be secured to the wall at all 4 corners. Use wood screws (provided) or wall anchors (not provided) to secure the support panel to the wall.
- Place the cover panel over the wall support panel and secure with Torx screws (provided). Install 2 screws on each side.

Install 4 Wood Screws



UXADBS36PSS, UXADBS48PSS Accessory Installation

ACCESSORIES—30" TO 36" ADJUSTABLE BACKSPLASH (not included)

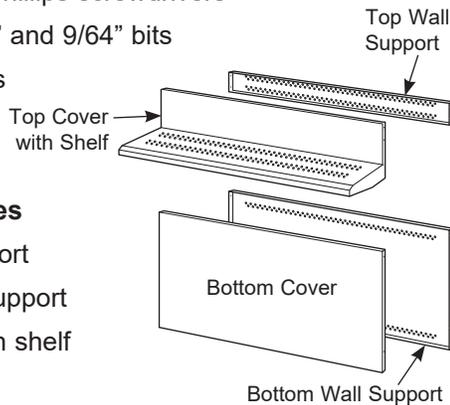
- This backsplash adjusts to fit the space between the top of the range and the bottom of the hood, from 30" Min. to 36" Max. height.
- Maximum shelf load-bearing weight is 40 lbs.

TOOLS AND MATERIALS REQUIRED

- Gloves to protect against sharp edges
- T-15 and #2 Phillips screwdrivers
- Drill with 3/32" and 9/64" bits
- Safety glasses
- Level
- Pencil

This Kit Includes

- Top wall support
- Bottom wall support
- Top cover with shelf
- Bottom cover
- Hardware package with
 - 9 Stainless Steel Torx 15 #8 self-tapping screws
 - 9 Phillips #2 pan head wood #10 screws
 - 3 Stainless Steel #2 truss head #10 screws (for alternate installation method)



Hardware Package

INSTALL THE WALL SUPPORT PANELS

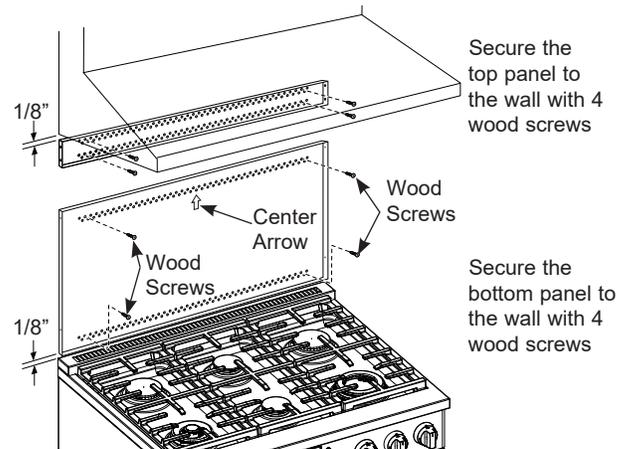
⚠ WARNING

The wall support panels must be securely fastened to the wall. Failure to do so could result in damage or personal injury.

IMPORTANT: This backsplash is designed to cover the wall between the bottom of the hood and the top of the range. The vent hood should be installed over the rangetop or range before installing this backsplash.

- Install and level the Range/Rangetop according to the product installation instructions.
- Remove backsplash packaging and protective film.
- Locate wall studs on each side. Where studs are not available, plan to use wall anchors (not provided).
- Use a level to pencil 2 horizontal lines on the wall, one 1/8" below the vent hood and the other 1/8" above the Range/Rangetop. This 1/8" space allows the cover panels to overlap the wall supports.
- Secure the top wall support panel to the wall with 4 wood screws, through the outermost studs.
- Use 4 wood screws to secure the bottom wall support panel. The center slot should be positioned at the top.

The gap between the top and bottom support panels will be covered by the top cover with shelf.



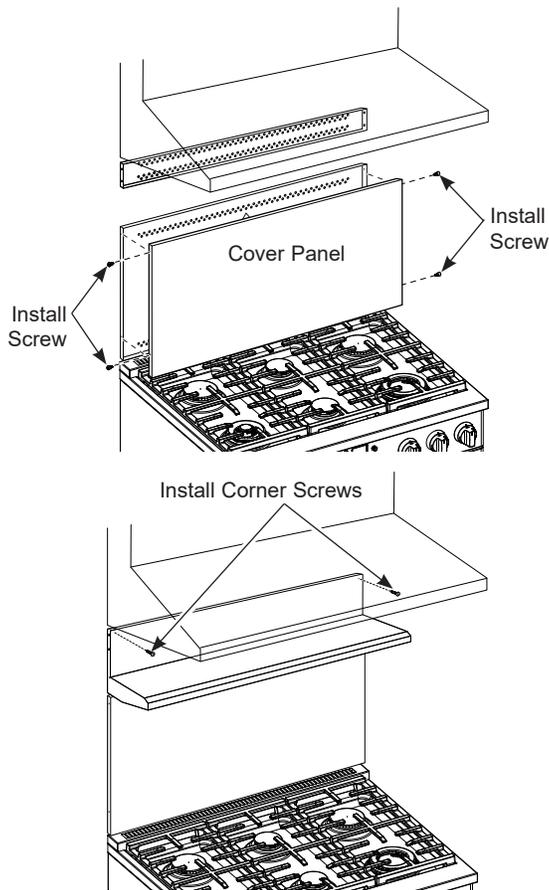
UXADBS36PSS, UXADBS48PSS Accessory Installation

ACCESSORIES—30" TO 36" ADJUSTABLE BACKSPLASH (not included) (Cont.)

INSTALL COVER PANELS

See alternate method if side access is blocked.

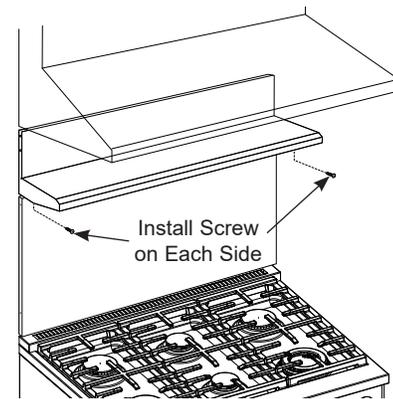
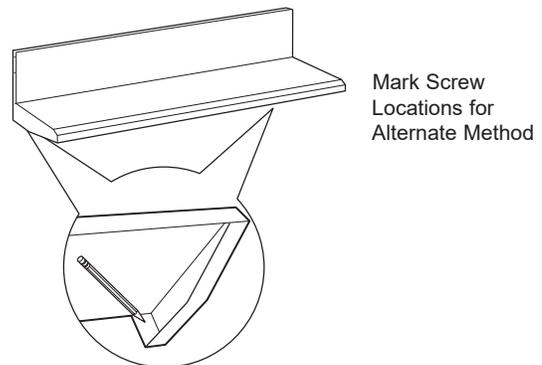
- Hold the bottom cover over the bottom support while driving one screw (provided) into each side.
- Place the top cover with shelf over the top wall support. If you have access to the sides, secure the panel with two screws on each side.
- Secure the top cover with shelf to the top support with screws through the front of the panel, at the top corners. Use one screw on each side.



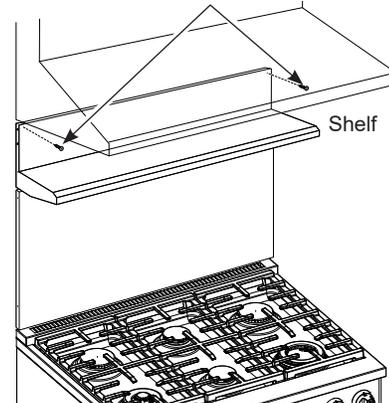
INSTALL COVER PANELS (cont.)

ALTERNATE METHOD: When side access is blocked

- Install bottom cover over the bottom support while driving one screw into each side.
- Hold top cover in place while marking screw locations, just below shelf support and onto bottom cover.
- Remove the shelf and drill a 9/64" diameter hole in the pencil-marked locations.
- Mount the top cover over the top support and secure the front cover with screws through the drilled holes on each side.
- Install screws through each top corner.



Install Screw in Top Corner on Each Side



Notes

Notes

Notes

NOTE: While performing installations described in this book, safety glasses or goggles should be worn.

NOTE: Product improvement is a continuing endeavor at GE Appliances. Therefore, materials, appearance and specifications are subject to change without notice.