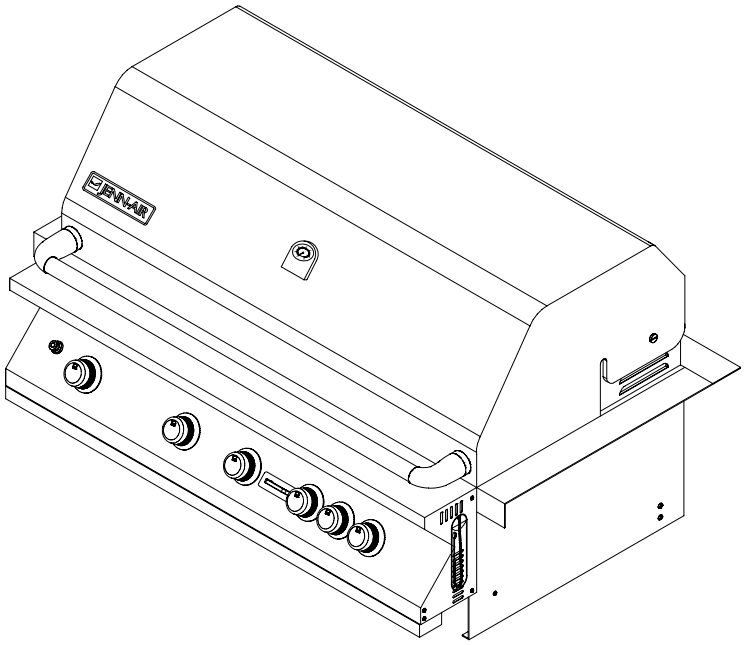
STAINLESS STEEL BUILT-IN GAS GRILL

MODEL #s: 740-0338 / 750-0338 LOWE'S ITEM #s: 144541 / 157618

Jenn-Air is a Trademark of the Maytag Corporation and is used under license to Lowe's Companies, Incorporated.



FOR OUTDOOR USE ONLY

B27Y07-1

STOP

PLEASE CONTACT 1-800-554-5799 FOR ASSISTANCE

DO NOT RETURN TO PLACE OF PURCHASE

TABLE OF CONTENTS

SECTION ONE
Safety Instructions 1-4
Placement of the Grill 4

SECTION TWO
Model Specifications 5
Island Construction 6-7
Front View of Opening 8
Side View of Opening 9

SECTION THREE
Battery Installation 10
LP Gas Hook Up 11
Propane Tank Assembly 12
Installation of NG Regulator 13
Natural Gas Hook-Up 14

SECTION FOUR
Leak Testing 15
Installer Final Checklist 16
Operating Instructions 17-18
Lighting Instructions 19
Lighting Illustrations 20
To Match Light the Grill 21
Care and Maintenance 22
Troubleshooting 23

SECTION FIVE
Exploded View Model 750-0338 24
Parts List Model 750-0338 25
Exploded View Model 740-0338 26
Parts List Model 740-0338 27

SECTION SIX
Grilling Hints 28
Grill Cooking Chart 29-30
Grill Recipe Suggestions 31-32

SECTION SEVEN
Limited Warranty 33

WARNING

To reduce the risk of fire, burn hazard or other injury, read this Care and Use Manual carefully and completely before using your grill.

CONSUMER: RETAIN THIS MANUAL FOR FUTURE REFERENCE

INSTALLER: LEAVE THIS MANUAL WITH CONSUMER

SAFETY INSTRUCTIONS

RECOGNIZED SAFETY SYMBOLS, WORDS AND LABELS

WARNING

WARNING – Hazards or unsafe practices which COULD result in severe personal injury or death.

CAUTION

CAUTION – Hazards or unsafe practices which COULD result in minor personal injury.

WARNING
Do not try lighting this appliance without first reading the "LIGHTING INSTRUCTIONS" section of this manual.

WARNING
Spiders and insects can nest inside the burners of the grill and disrupt gas flow. This very dangerous condition could cause a fire behind the valve panel, thereby damaging the grill and making it unsafe for operation.
Inspect the grill at least twice a year.

WARNING
1. Do not store spare liquid propane cylinders under or near this appliance.
2. Never fill the cylinder beyond 80 percent capacity.
3. If the information above is not followed exactly, a fire resulting in death or serious injury could occur.

WARNING
Never attempt to use damaged or obstructed equipment. See your local liquid propane dealer for repair.

WARNING
Check all gas supply fittings for leaks before each use. Do not use the grill until all connections have been checked and do not leak. Do not smoke while leak testing. Never leak test with an open flame.

WARNING
1. Do not store or use gasoline or other flammable vapors and liquids in the vicinity of this or any other appliance.
2. An LP cylinder not connected for use shall not be stored in the vicinity of this or any other appliance.

WARNING
If you smell gas:
1. Shut off gas to the appliance.
2. Extinguish any open flame.
3. Open lid.
4. If odor continues, keep away from the appliance and immediately call your gas supplier or your fire department.

WARNING
The rotisserie motor is equipped with a plug and should be plugged directly into a properly grounded receptacle 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. DO NOT cut or remove the grounding prong from this plug. Keep any electrical supply cord and the fuel supply hose away from any heated surface. Keep the rotisserie motor electric cord away from the heated surfaces of the grill. When not in use remove and store the motor in a dry location.

WARNING
You must use an OPD gas tank, which offers an Overfill Prevention Device.
This safety feature prevents the tank from being overfilled, which can cause malfunction of the LP gas tank, regulator and/or grill.

SAFETY INSTRUCTIONS

WARNING
Do not use the grill if the odor of gas is present. Contact customer service at 1-800-554-5799.

WARNING
When lighting, keep your face and hands as far away from the grill as possible.

WARNING
Do not install this unit into combustible enclosures. There should be a minimum clearance of 24 inches from all sides to combustible materials. Outdoor cooking appliance shall not be used under overhead combustible construction.

WARNING
Keep any electrical supply cord away from any heated surface.

CAUTION
Burner adjustments should only be performed after the burners have cooled.

CAUTION
When using a match to light the grill make sure to use the attached lighting rod.

CAUTION
When using the rotisserie burner, remove the warming rack. High heat from the burner may cause the warming rack to bend.

CAUTION
Before cleaning, make sure the gas supply and control knobs are in the “OFF” position and the burners have cooled.

WARNING
Failure to properly place the burner over the orifice could cause a fire to occur behind and beneath the valve panel, thereby damaging the grill and making it unsafe to operate.

WARNING
Do not leave the grill unattended while cooking.

WARNING
Always check for leaks after every LP tank change.

Model 750-0338 Natural Gas Grill

WARNING

1. The outdoor cooking gas appliance and its individual shutoff valve must be disconnected from the gas supply piping system during any pressure testing of that system at test pressure in excess of 1/2 psi (3.5 kpa).

2. The outdoor cooking gas appliance must be isolated from the gas supply piping system by closing its individual manual shutoff valve during any pressure testing of the gas supply piping system at test pressures equal to or less 1/2 psi (3.5 kpa).

Model 740-0338 LP Gas Grill

WARNING

1. Do not store spare LP gas cylinders under or near this appliance.
2. Never fill the cylinder beyond 80 percent capacity.
3. If the information above is not followed exactly, a fire resulting in death or serious injury could occur.

SAFETY INSTRUCTIONS

WARNING
Do not try lighting this appliance without first reading the “LIGHTING INSTRUCTIONS” section of this manual.

TESTED IN ACCORDANCE WITH ANSI Z21.58A CSA1.6A-2006 STANDARD FOR OUTDOOR COOKING GAS APPLIANC ES. THIS GRILL IS FOR OUTDOOR USE ONLY.

Check your local building codes for the proper method of installation. In the absence of local codes, this unit should be installed in accordance with the National Fuel Gas Code ANSI Z223.1/NFPA 54, Storage and Handling of Liquefied Petroleum Gases, ANSI/NFPA B149.2 or CSA B149.1 Natural Gas and Propane Installation Code, and the National Electrical Code, ANSI/NFPA 70.

CALIFORNIA PROPOSITION 65-WARNING
The burning of gas fuel generates some byproducts, which are known by the State of California to cause cancer or reproductive harm. To minimize exposure to these substances, always operate this unit according to the care and use manual, ensuring you provide good ventilation when cooking with gas.

SAFETY PRACTICES TO AVOID PERSONAL INJURY
When properly cared for, your grill will provide safe, reliable service for many years. However, extreme care must be used as the grill produces intense heat that can increase accident potential. When using this appliance, basic safety practices must be followed, including the following:

Do not repair or replace any part of the grill unless specifically recommended in this manual. All other service should be referred to a qualified technician.

This grill is not intended to be installed in or on recreational vehicles or boats.

Children should not be left alone or unattended in an area where the grill is being used. Do not allow them to sit, stand or play in or around the grill at any time.

Do not store items of interest to children around or below the grill.

Do not permit clothing, pot holders or other flammable materials to come in contact with or too close to any grate, burner or hot surface until it has cooled. The fabric could ignite and cause personal injury.

For personal safety, wear proper apparel. Loose fitting garments or sleeves should never be worn while using this appliance. Some synthetic fabrics are highly flammable and should not be worn while cooking.

Only certain types of glass, heat-proof glass ceramic, earthenware, or other glazed utensils are suitable for grill use. Other types of materials may shatter with sudden temperature changes. Use only low or medium heat settings in accordance with the manufacturer’s guidelines.

Do not heat unopened food containers. A build-up of pressure may cause the containers to burst.

Use a covered hand when opening the grill lid.

Never lean over an open grill.

When lighting a burner, pay close attention to what you are doing. Make certain you are aware of which burner you are lighting, so your body and clothing remain clear of open flames.

SAFETY INSTRUCTIONS

When using the grill, do not touch the grill rack, burner grate or immediate surroundings as these areas become extremely hot and could cause burns. Use only dry potholders. Moist or damp potholders on hot surfaces may cause steam burns. Do not use a towel or bulky cloth in place of potholders. Do not allow potholders to touch hot portions of the grill rack.

Grease is flammable. Let hot grease cool before attempting to handle it. Do not allow grease deposits to collect in the grease tray at the bottom of the grill's firebox. Clean the grease tray often.

Do not use aluminum foil to line the grill racks or grill bottom. This can severely upset combustion air flow or trap excessive heat in the control area.

For proper lighting and performance of the burners, keep the burner ports clean. It is necessary to clean them periodically for optimum performance. The burners will only operate in one position and must be mounted correctly for safe operation.

Clean the grill with caution. To avoid steam burns, do not use a wet sponge or cloth to clean the grill while it is hot. Some cleaners produce noxious fumes or can ignite if applied to a hot surface.

INSECT WARNING
Spiders and insects can nest inside the burners of this and other grills, which could disrupt gas flow. This dangerous condition could cause a fire behind and beneath the valve panel, damaging the grill and making it unsafe to operate.

Inspect the grill at least twice a year.

Never use a dented or rusty propane cylinder.

Turn off grill controls and make certain the grill is cool before using any type of aerosol cleaner on or around the grill. The chemical that produces the spraying action could, in the presence of heat, ignite or cause metal parts to corrode.

Do not use the grill to cook excessively fatty meats or other products which promote flare-ups.

Do not operate the grill under unprotected combustible constructions. Use only in well ventilated areas. Do not use in buildings, garages, sheds, breezeways or other such enclosed areas.

This unit is intended for outdoor use only.

Keep the areas surrounding the grill free from combustible materials including, fluids, trash, and vapors such as gasoline or charcoal lighter fluid. Do not obstruct the flow of combustion and ventilation air.

Do not use briquettes of any kind in the grill.

The 740-0338 and 750-0338 grills are designed for optimum performance without the use of briquettes. Do not place briquettes on the flame tamers as this will block the vent to the grill burners. Adding briquettes can damage ignition components, thus voiding the warranty.

Keep the back of the cart free and clear from debris. Keep electrical supply cords and the rotisserie motor cord away from heated areas of the grill.

Never use the grill in extremely windy conditions. If located in a consistently windy area (oceanfront, mountaintop, etc.), a windbreak will be required. Always adhere to the clearance specifications.

PLACEMENT OF THE GRILL

WARNING
Do not install this unit into combustible enclosures. There should be a minimum clearance of at least 24 inches from all sides to combustible materials.

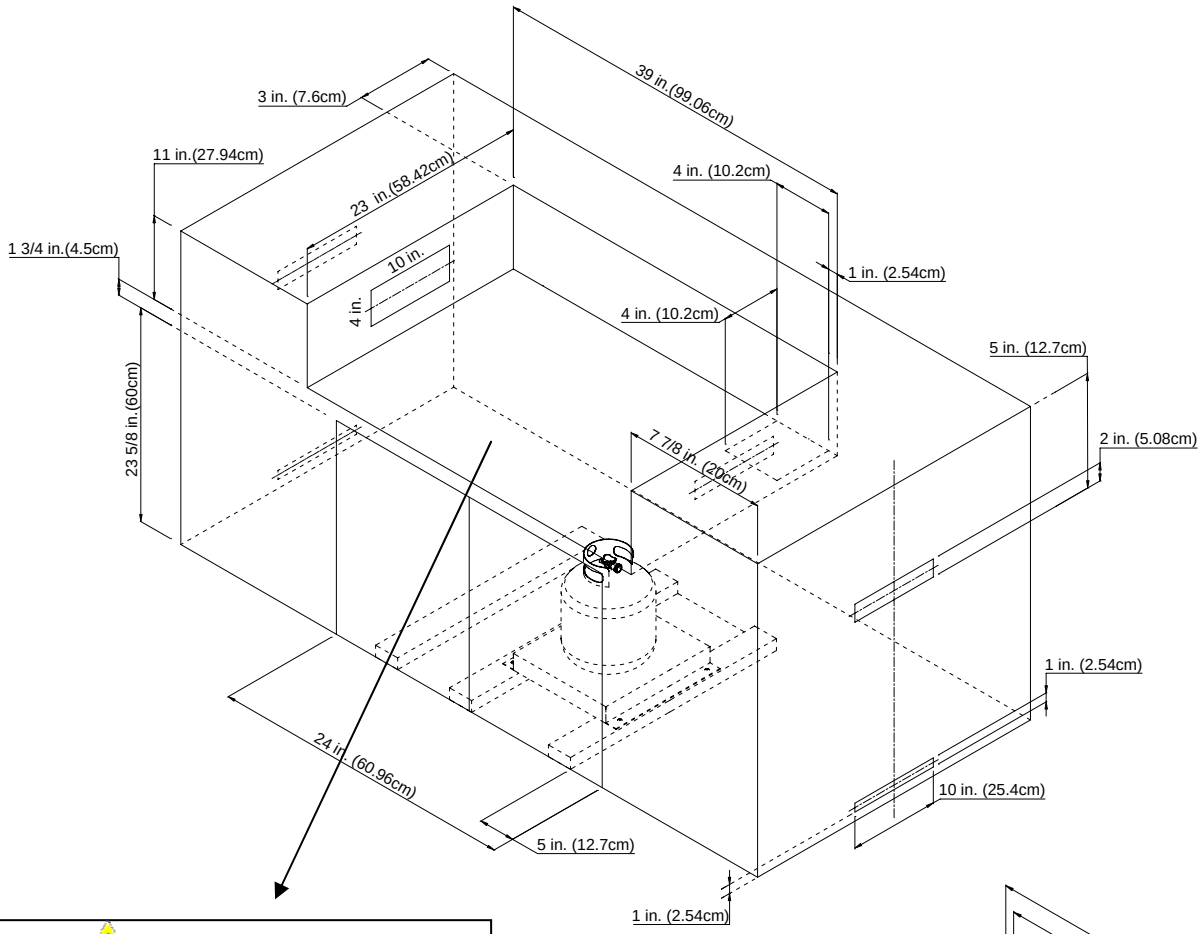
LOCATION
When determining a suitable location take into account concerns such as exposure to wind, proximity to traffic paths, and keeping gas supply lines as short as possible.

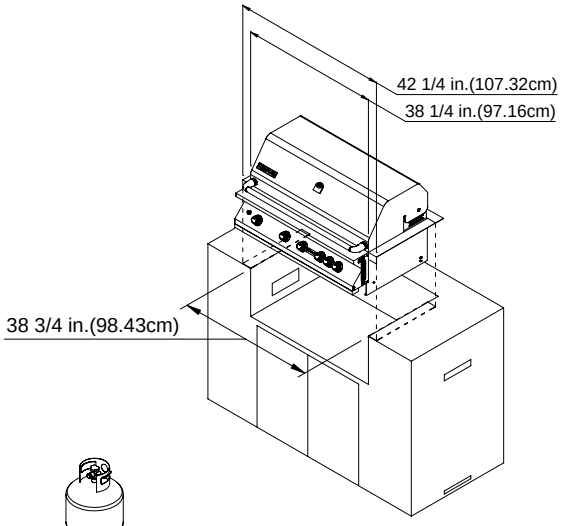
Place the grill in well-ventilated areas. Never locate the grill in a building, garage, breezeway, shed or other such enclosed areas. During heavy use, the grill will produce a lot of smoke.

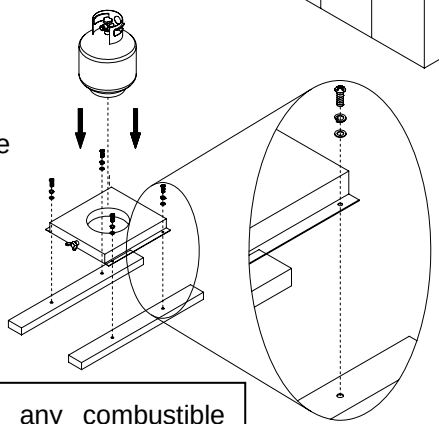
GRILL SPECIFICATIONS

Description	740-0338 and 750-0338
Cutout Width	39 in. (99.06m)
Cutout Depth	23 in. (58.42m)
Cutout Height	11 in. (27.94m)
Gas Requirements	Natural Gas: Standard residential 1/2 in. (1.3 cm) ID gas service line. Natural gas hose/regulator assembly included with quick-connect fitting for attachment to house natural gas line.
	Liquid Propane: Supplied with hose/regulator assembly for connection to standard 5 gal, 20 lb. liquid propane gas cylinder with Type 1, QCC-1 connection.
Grill Burners	4 stainless steel main burners. Infra-red rear rotisserie burner. 1 Sear burner.
BTU Ratings	Main burners 52,000 BTU/Hr. Rear burners 12,000 BTU/Hr. Sear burners 23,000 BTU/Hr. Total 87,000 BTU/Hr.
Approximate Shipping Weight	171.8 lbs.

Island Construction







WARNING

Do not install this unit into combustible enclosures. There should be a minimum clearance of at least 24in.(60.96cm)from all sides to combustible materials.

Island cutout dimensions for Jenn-Air 4 burner+1 Sear Burner +Rotisserie burner LP and NG built-in grills:

Width 39 inches (99.06 cm)

Depth 23 inches (58.42 cm)

Height 11 inches (27.94 cm)

Tank bolt dimension for Jenn-Air 4 burner +1Sear Burner +Rotisserie burner LP

Tank bolt type: 1/2 inches-12UNC (1.27cm)

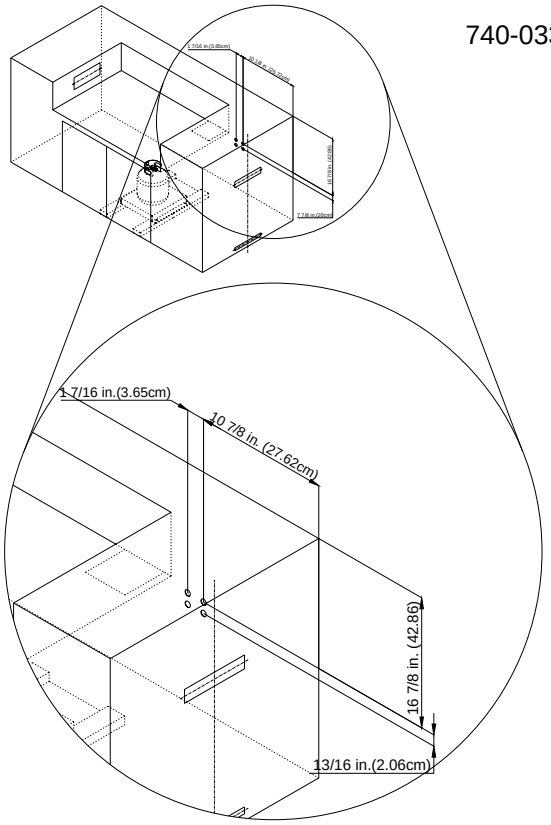
Tank bolt length:9/20 inches (11.5 cm)

Non-Combustible material needs to be used for built-in enclosure. The proper selection of material could be brick, firewall or steel.

Never use wood or any combustible material for built-in enclosure.

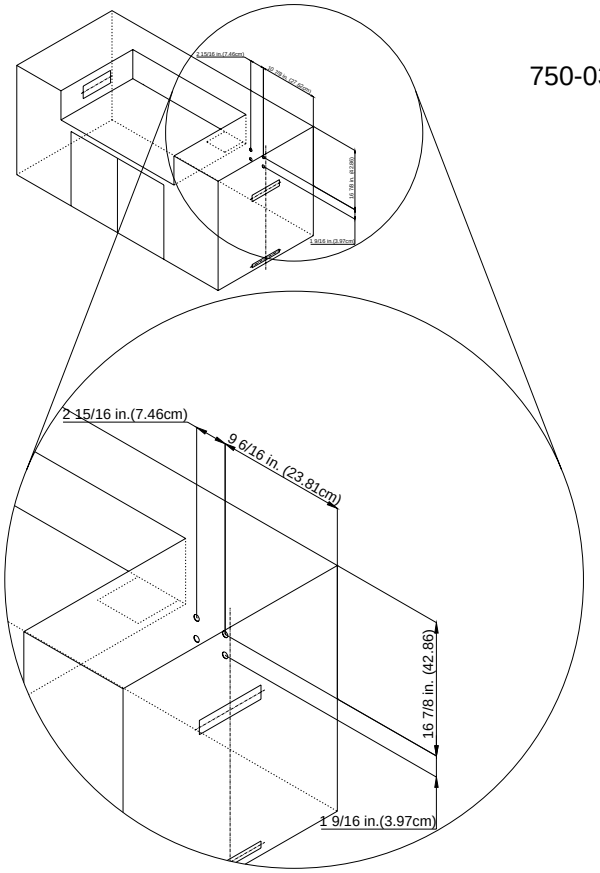
Island Construction

740-0338



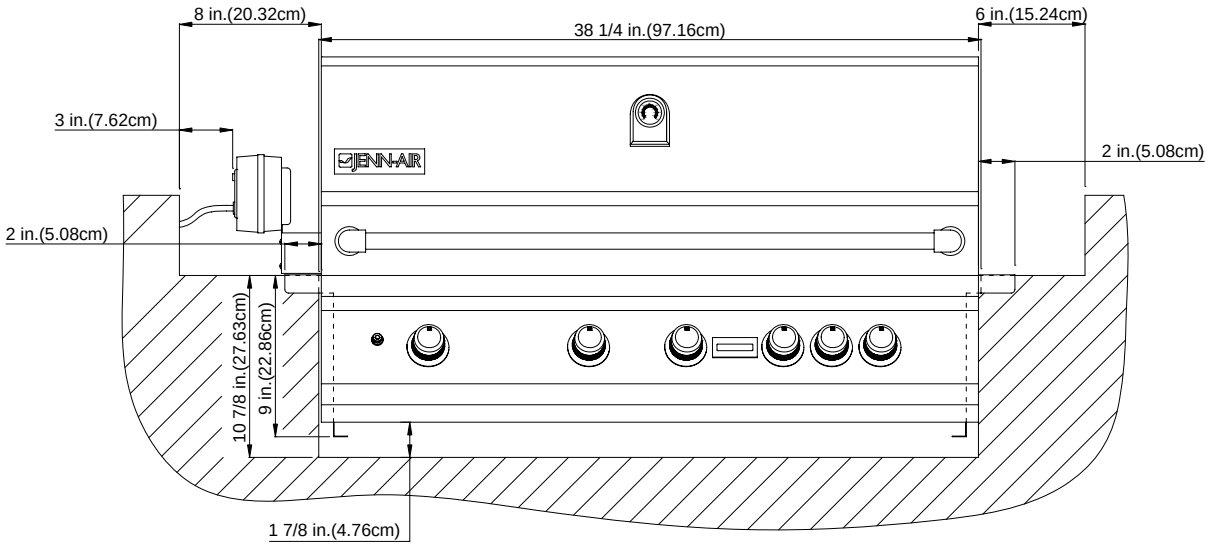
Measurements shown are for attaching the LP regulator to the island.

750-0338



Measurements shown are for attaching the NG regulator to the island.

FRONT VIEW FOR BUILT-IN OPENING

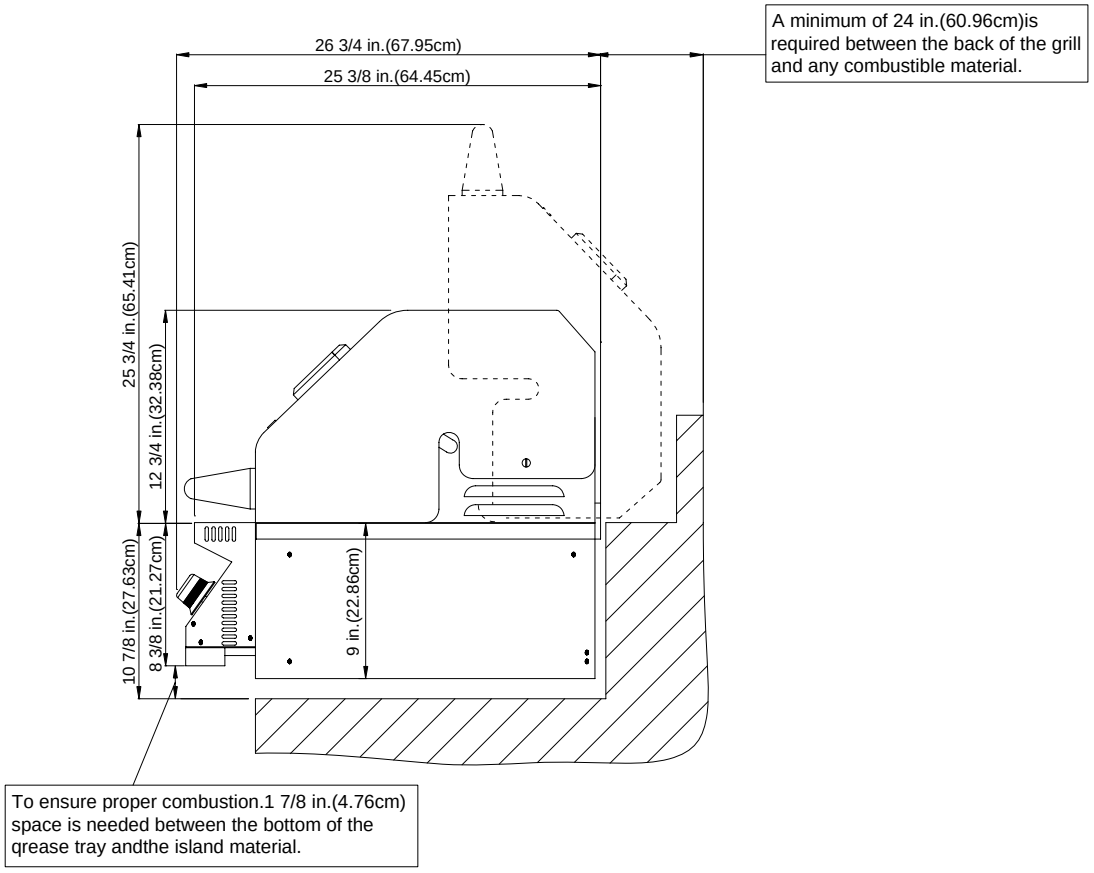


The following are minimum dimensions necessary to install the 4 burner + 1 sear burner built-in grills:

Width of grill head: 38 1/4 in.
Depth for grill control panel: 10 7/8 in.
Combustion Gap below control panel: 1 7/8 in.

- A minimum of 6 in. clearance is needed from the right side of the grill firebox to non-combustible materials. The rotisserie motor is located on the left side of the grill firebox.
- A minimum of 8 in. clearance is required between the grill lid and any surrounding material to allow for proper functioning of the rotisserie motor.

SIDE VIEW FOR BUILT-IN OPENING



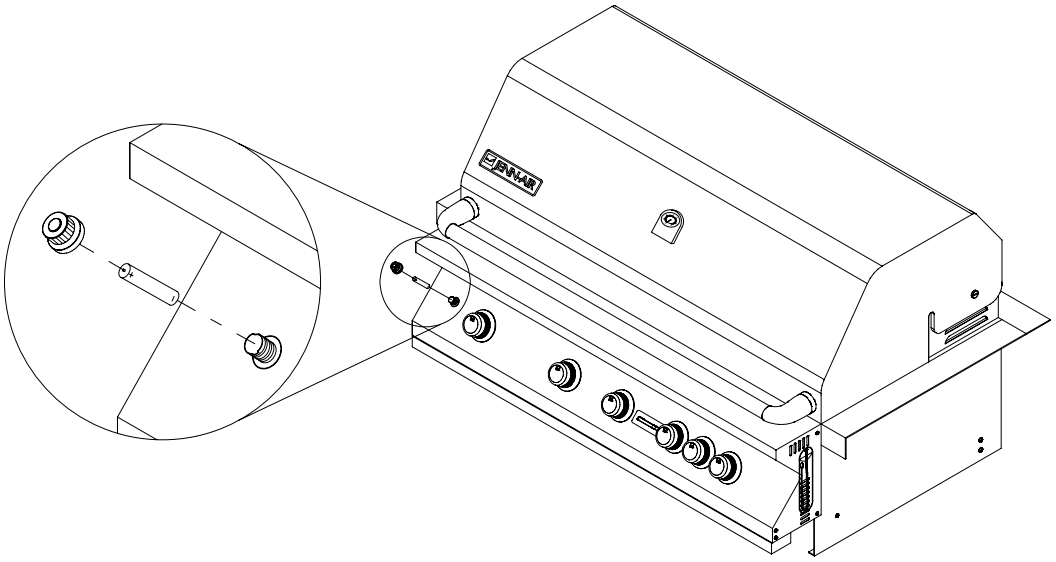
The following are minimum clearances necessary around the Jenn-Air built-in 4 burner +1 sear burner grills:

Rear Clearance: 24 in. to combustible materials

Combustion gap below control panel: 1 7/8 in.

BATTERY INSTALLATION

1. Unscrew the ignition button housing by turning counterclockwise.
2. Insert the battery into the housing with the positive (+) terminal facing outward.
3. Replace the ignition button housing after the battery has been installed.



LP GAS HOOK-UP

Only the pressure regulator and hose assembly supplied with the grill should be used. Any replacement pressure regulator and hose assembly must be specified by the grill manufacturer.

This is a liquid propane configured grill. Do not attempt to use a natural gas supply.

Total gas consumption (per hour) of 740-0338 grill with all burners on “IGNITE / HI”:

Main burners	52,000 BTU/Hr.
Rotisserie burner	12,000 BTU/Hr.
Sear Burner	23,000 BTU/Hr.
Total	87,000 BTU/Hr.

The installation of this appliance must conform with local codes or, in the absence of local codes, to the national fuel gas code, ANSI Z223.1. Installation in Canada must be in accordance with the Standard CAN/CSA-B149.2 (installation code for gas burning appliances and equipment) and local codes.

LP GAS CYLINDER REQUIREMENTS
(20lb. Cylinder)
A dented or rusty LP gas cylinder may be hazardous and should be checked by your LP supplier. Never use a cylinder with a damaged valve. The LP gas cylinder must be constructed and marked in accordance with the specifications for LP gas cylinders of the U.S. Department of Transportation (DOT), or the National Standard of Canada, CAN/CSA-B339, Cylinders, Spheres and Tubes for Transportation of Dangerous Goods; and Commission.

The 20lb. cylinder must be provided with a shut off valve terminating in an LP gas supply cylinder valve outlet specified, as applicable, for connection type QCC1 is the standard for compressed gas cylinder valve outlet and inlet connection ANSI/CSA-V-1.

The cylinder supply system must be arranged for proper vapor withdrawal by making sure the tank is leveled. The cylinder must include a collar to protect the cylinder valve.

Manifold pressure: (operating): 10 in. water column (W.C.), (non-operating): 11.2 in. water column (W.C.).

The LP gas cylinder must be fitted with an Overfill Protection Device (OPD).

LP GAS HOOK-UP
Make sure the black plastic grommets on the LP cylinder valve are in place, and the hose does not come into contact with the grease tray or grill head.

LP GAS SUPPLY CYLINDER CONNECTION
Your grill is equipped with gas supply orifices for use only with liquid propane gas. It is also equipped with a high capacity hose/regulator assembly for connection to a standard 20lb. LP cylinder (18-1/4 in. high, 12-1/4 in. diameter).

1. The tank valve should be in the “OFF” position. If not, turn the knob clockwise until it stops.
2. Make sure the tank valve has the proper type 1 connection external male threads per ANSIZ21.81.
3. Make sure all burner valves are in the “OFF” position.
4. Inspect the valve connections, the port and regulator assembly. Look for damage or debris. Remove debris, and inspect hose for damage.
5. When connecting the regulator assembly to the tank valve, use your hand to tighten the nut clockwise until it stops. Use of a wrench may damage the quick coupling nut and result in a hazardous condition.
6. Open the tank valve fully by turning the valve counterclockwise.
7. Before lighting the grill, use a soap and water solution to check all the connections for leaks.
8. If a leak is found, turn the tank valve off and do not use the grill until a local LP gas dealer can make repairs.

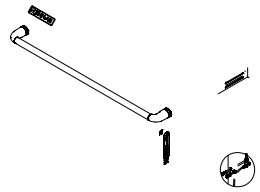
WARNING
Do not attempt to use damaged or obstructed equipment. See your local LP gas dealer for repair.

LP GAS SUPPLY CYLINDER DISCONNECTION

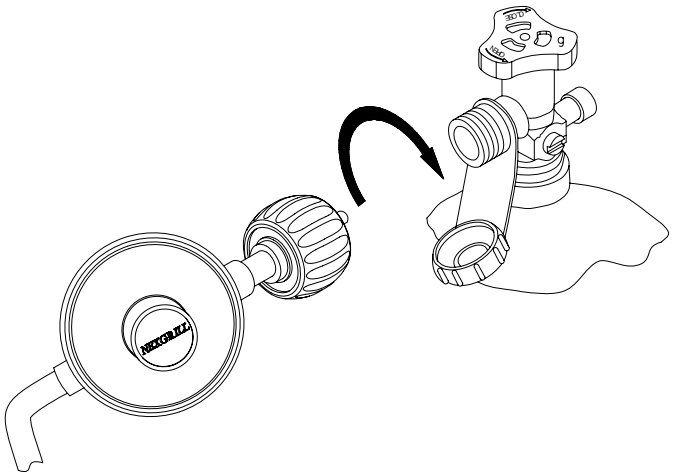
1. Turn the burner valves off and make sure the grill is cool.
2. Turn the tank valve off by turning the control knob clockwise until it stops.
3. Detach the regulator assembly from the tank valve by turning the quick coupling nut counterclockwise.
4. Place dust cap on cylinder valve outlet when the cylinder is not in use. Only install the type of dust cap on the cylinder that is provided with the cylinder valve. The use of other caps or plugs may result in propane leakage.

INSTALLATION OF PROPANE LIQUID REGULATOR [redacted]

Make sure the LP regulator is located under the island hole as shown in Fig. 1.



Use the 4 screws and clamp provided to attach the brass connector to the island as shown in Fig. 2. The brass connector is located between the flex tube and gas hose.



Connect the propane tank by turning the regulator handle clockwise as shown in Fig. 3. Turn off the LP supply at the cylinder when the grill is not in use.