

GENESIS



BUILT-IN GAS BARBECUE

E-360 • S-360

E-460 • S-460

Installation Guide

ULPG



REGISTER TODAY

We are so glad that you have joined us on the journey to barbecuing greatness. Register your barbecue and gain access to fun and engaging WEBER information, including tips, tricks and how to get the most out of your barbecuing experience.

Keep this Owner's Manual for future reference, thoroughly read through it, and if you have any questions please contact us today.

30763

041223
AUNZ

Important Safety Information

DANGER, WARNING, and CAUTION statements are used throughout this Owner's Manual to emphasise critical and important information. Read and follow these statements to help ensure safety and prevent property damage. The statements are defined below.

- ⚠ **DANGER:** Indicates a hazardous situation which, if not avoided, *will result in death or serious injury.*
- ⚠ **WARNING:** Indicates a hazardous situation which, if not avoided, *could result in death or serious injury.*
- ⚠ **CAUTION:** Indicates a hazardous situation which, if not avoided, *could result in minor or moderate injury.*

⚠ DANGER

If you smell gas:

- Shut off gas to the appliance (barbecue).
- Extinguish any open flame.
- Open lid.
- If odour continues, keep away from the appliance (barbecue) and immediately call your gas supplier or the emergency fire services.

⚠ WARNING

- Do not store or use gasoline or other flammable liquids or vapours in the vicinity of this (barbecue) or any other appliance.
- An LPG cylinder not connected for use shall not be stored in the vicinity of this (barbecue) or any other appliance.

USE OUTDOORS ONLY.

READ THE INSTRUCTIONS BEFORE USING THE APPLIANCE (BARBECUE).

NOTICE TO INSTALLER: These instructions must be left with the consumer.

NOTICE TO CONSUMER: Retain these instructions for future reference.

Installation and Assembly

- ⚠ **DANGER:** This barbecue is not intended to be installed in or on recreational vehicles or boats.
- ⚠ **WARNING:** Do not use this barbecue unless all parts are in place and the barbecue was properly assembled according to the assembly instructions.
- ⚠ **WARNING:** Do not modify the appliance. LPG is not natural gas. The conversion or attempted use of natural gas in an LPG gas unit or LPG gas in a natural gas unit is unsafe and will void your warranty.
- ⚠ **WARNING:** Do not use an adaptor at the cylinder connection.
 - The installation of the barbecue must conform with the requirements of AS/NZS 5601 and the local authority – gas or electricity, etc.
 - Do not install in, or connect to the consumer piping or gas supply of a boat or caravan.
 - Any parts sealed by the manufacturer must not be altered by the user.

Operation

- ⚠ **DANGER:** Only use the barbecue outdoors in a well-ventilated area. Do not use in a garage, building, breezeway, tent, any other enclosed area, or beneath an overhead combustible structure.
- ⚠ **DANGER:** Do not use the barbecue in any vehicle or in any storage or cargo area of any vehicle. This includes, but is not limited to, cars, trucks, station wagons, mini-vans, sport utility vehicles, recreational vehicles, and boats.
- ⚠ **DANGER:** Do not use the barbecue within 61 cm (24 inches) of combustible materials. This includes the top, bottom, back and sides of the barbecue.
- ⚠ **DANGER:** Keep the cooking area clear of flammable vapours and liquids such as petrol, alcohol, etc., and combustible materials.
- ⚠ **DANGER:** This appliance must be kept away from flammable materials during use. Do not use or store flammable materials in or near this appliance. Do not spray aerosols in the vicinity of this appliance while it is in operation.
- ⚠ **DANGER:** Do not put a barbecue cover or anything flammable on, or in the storage area under the barbecue while it is in operation or is hot.
- ⚠ **DANGER:** Should a grease fire occur, turn off all burners and leave lid closed until fire is out.
- ⚠ **WARNING:** Accessible parts may be very hot. Keep young children away.
- ⚠ **WARNING:** The use of alcohol, prescription drugs, non-prescription drugs, or illegal drugs may impair the consumer's ability to properly and safely assemble, move, store, or operate the barbecue.
- ⚠ **WARNING:** Never leave the barbecue unattended during pre-heating or use. Exercise caution when using this barbecue. The entire cookbox gets hot when in use.
- ⚠ **WARNING:** Do not move the appliance during use.
- ⚠ **WARNING:** Keep any electrical supply cord and the fuel supply hose away from any heated surfaces.
- ⚠ **WARNING:** Do not place articles on or against this appliance.
- ⚠ **CAUTION:** This product has been safety-tested and is only certified for use in a specific country. Refer to country designation located on outside of box.
 - Do not use charcoal, briquettes or lava rock in the barbecue.

Storage and/or Nonuse

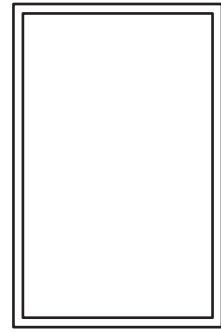
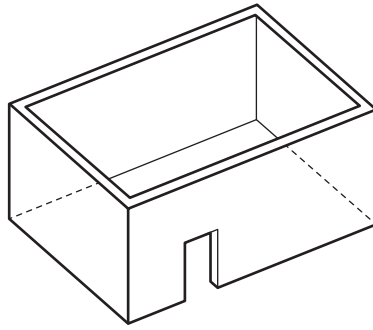
- ⚠ **WARNING:** Turn off the gas supply at the gas cylinder after use.
- ⚠ **WARNING:** LPG cylinders must be stored outdoors out of the reach of children and must not be stored in a building, garage or any other enclosed space.
- ⚠ **WARNING:** After a period of storage and/or nonuse, the barbecue should be checked for gas leaks and burner obstructions before use.
 - Storage of the barbecue indoors is permissible only if the LPG cylinder is disconnected and removed from the barbecue.

Considerations for Locating your Barbecue

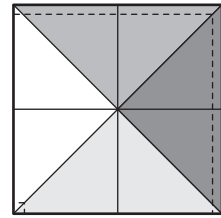
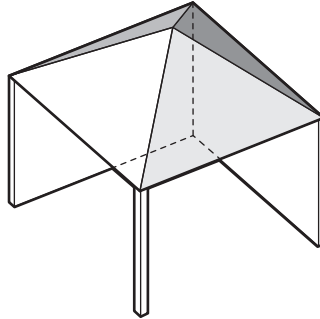
Any enclosure in which the appliance is used shall comply with one of the following:

- An enclosure with walls on all sides, but at least one permanent opening at ground level and no overhead cover (A).
- Within a partial enclosure that includes an overhead cover and no more than two walls (B).
- Within a partial enclosure that includes an overhead cover and more than two walls, the following shall apply (C):
 - (i) at least 25% of the total wall area is completely open; and
 - (ii) at least 30% of the remaining wall area is open and unrestricted.
- In the case of balconies, at least 20% of the total of the side, back and front wall areas shall be and remain open and unrestricted.

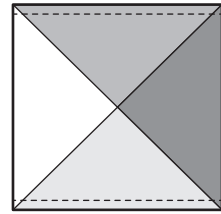
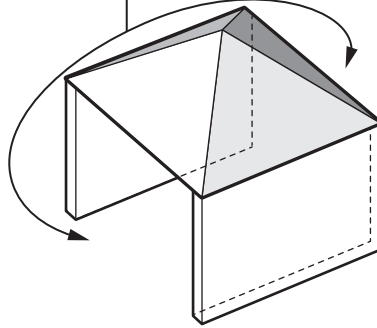
A



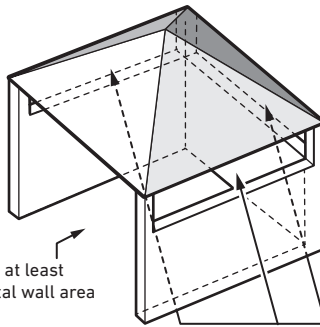
B



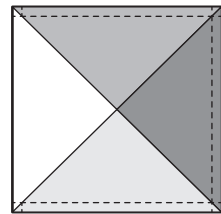
Both ends open



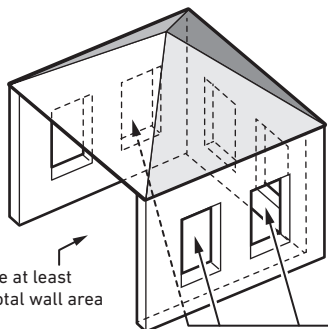
C



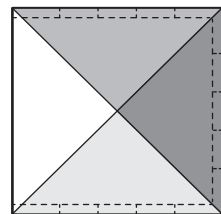
Open side at least 25% of total wall area



30% or more in total of the remaining wall area is open and unrestricted



Open side at least 25% of total wall area



30% or more in total of the remaining wall area is open and unrestricted

⚠ IMPORTANT: This appliance shall only be used in an above ground open-air situation with natural ventilation, without stagnant areas, where gas leakage and products of combustion are rapidly dispersed by wind and natural convection.

Configuration Options

Recommended Gas Supply Locations

There are several configuration options for the grill and gas supply access of your Island structure.

The 3 common options (A, B, C) are illustrated in the 'Island' Structure Configuration Options table.

If there are local codes that apply to "built-in" gas barbecues, you will have to conform to them. Installation must conform with local codes or, in the absence of local codes, with the National Code as applicable.

When using a gas supply system in an enclosure, ventilation must be provided. Gas vapour is highly explosive and can cause serious bodily injury or damage to property if allowed to accumulate in a confined space and ignited.

Recommended Construction Materials

We recommend that the construction and installation of this barbecue is in a masonry structure and carried out by a professional tradesperson. Masonry such as stone or brick, and noncombustible countertops such as marble or granite, is preferred. Other noncombustible material along with metal studs may also be used.

IMPORTANT: Wood or other combustible material are not acceptable for the construction of the barbecue structure.

NOTE: Contact your local municipality for building codes regulating outdoor gas barbecue installations.

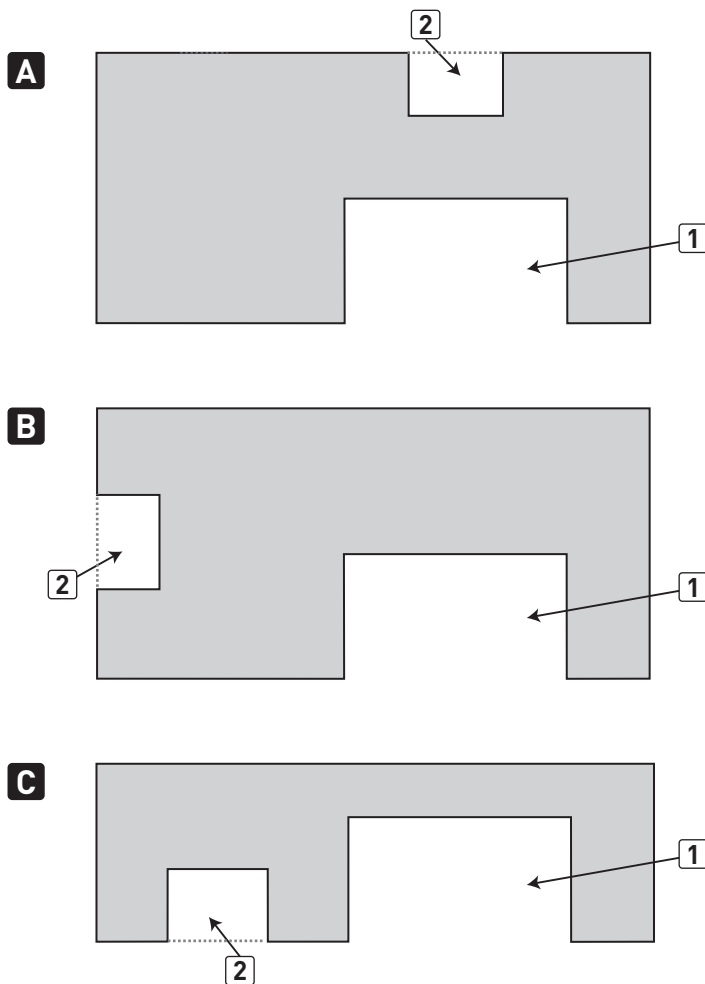
Ventilation

Ventilation holes can be located in a low visibility area and should be protected by screening material to prevent rodents and insects from entering the structure. Air holes will also help dry moisture.

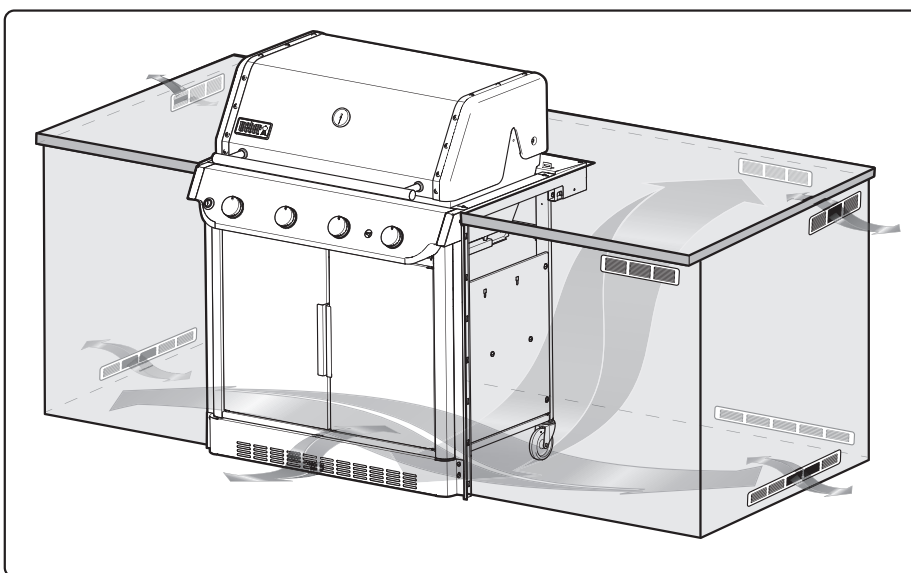
NOTE: These drawings are only a reference.

- Cross ventilation must be incorporated in the supporting structure. We recommend a minimum of 100 square inches (254 square cm) of venting per side.
- Vents should be on two sides of the structure.
- The drawings are for reference only.
- Position the vents at both the bottom of the structure and at the top of the structure.
- The bottom vents should be as close to ground level as possible. Make sure the vent area is not blocked by interior supports of the structure.
- We recommend vents with screens.
- Access doors to the structure are not considered vents.
- Clean the vents periodically.

"ISLAND" STRUCTURE CONFIGURATION OPTIONS



1	GENESIS grill
2	Gas supply



⚠ DANGER: Failure to follow recommended minimum ventilation instructions can cause gas to collect in the structure in the event of a gas leak. This may result in a fire or an explosion which can cause serious bodily injury or death, and damage to property.

⚠ WARNING: Ventilation openings must be provided in the structure, with at least one mounted high and at least one mounted low, to provide cross ventilation in the event of a gas leak.

⚠ WARNING: Keep the ventilation openings of the enclosure free and clear of debris.

General Construction

The GENESIS Built-In unit should be on site before construction begins.

For ease of installation, the barbecue will be pushed on its casters into the built-in structure.

The installation of this barbecue requires a level floor pad surface **(1)** and countertop surface. The floor pad surface must be constructed from solid materials and must be level and smooth. Proper subgrade materials must be used under the floor pad to prevent materials from settling and heaving.

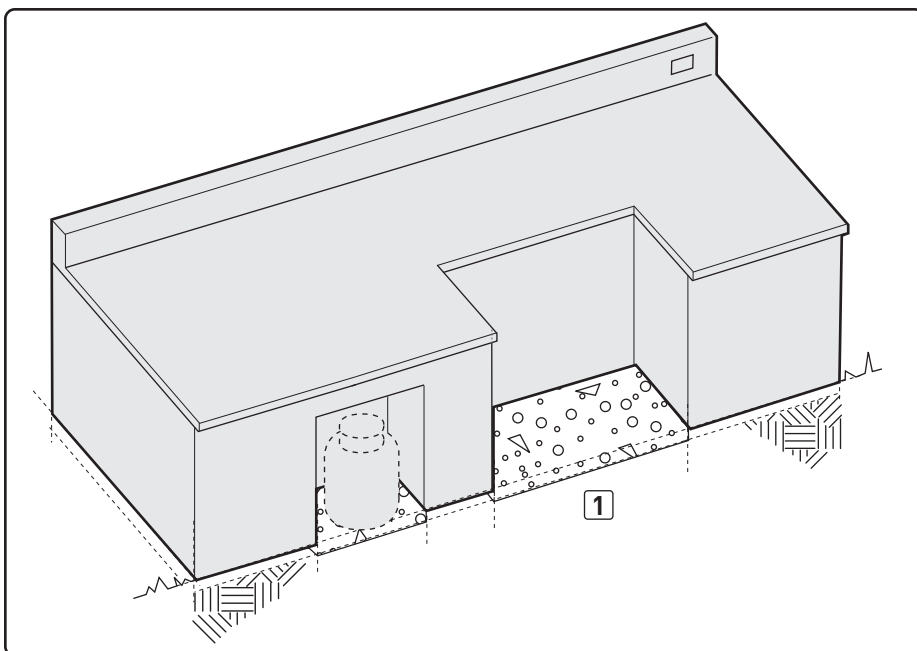
Rotisserie Outlet

If the supporting structure is going to have an electrical outlet for a rotisserie (sold separately), it should be on the right side of the structure.

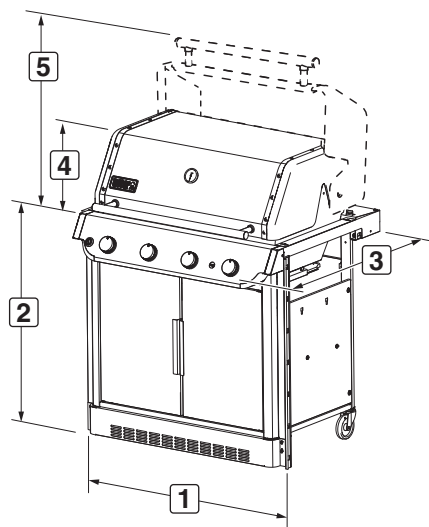
Built-In Structure Cutout Dimensions

All dimensions are to finished surfaces.

All countertop finished surfaces must be constructed of a noncombustible material.

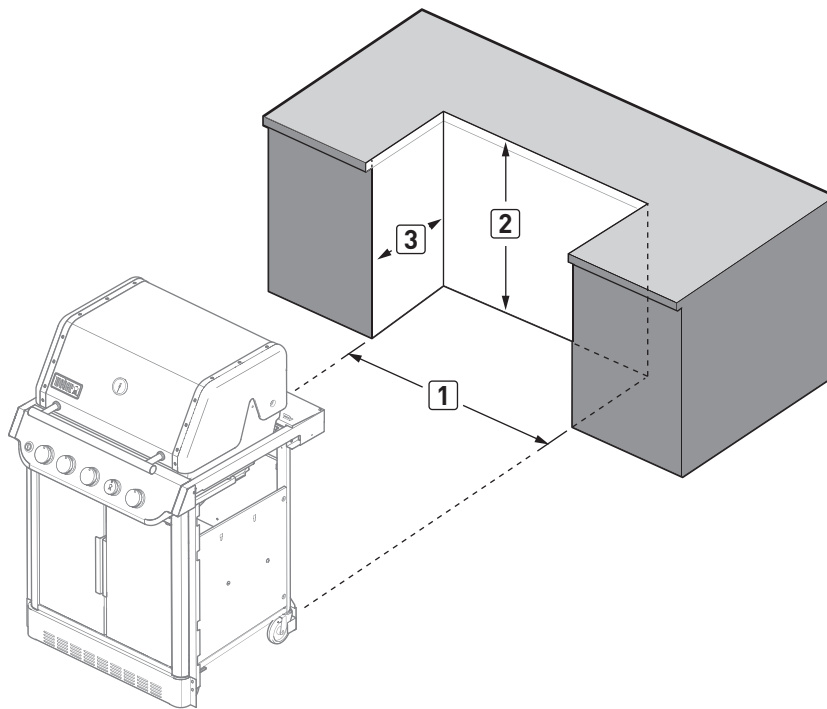


BARBECUE DIMENSIONS



	360	460
1	31 3/4" (806 mm)	38 3/4" (984 mm)
2	36 1/4" (921 mm)	36 1/4" (921 mm)
3	31" (787 mm)	31" (787 mm)
4	12 3/4" (324 mm)	12 3/4" (324 mm)
5	26 1/2" (673 mm)	26 1/2" (673 mm)

BUILT-IN CUTOUT GENERAL DIMENSIONS



	360	460	TOLERANCES
1	32" (813 mm)	39" (991 mm)	±1/4" (6 mm)
2	36" (914 mm)	36" (914 mm)	max
3	26 1/4" (667 mm)	26 1/4" (667 mm)	±1/8" (3 mm)

Positioning Your Barbecue

When determining a suitable location for your barbecue installation, give thought to concerns such as exposure to wind, proximity to traffic paths, and keeping any gas supply lines as short as possible. Never locate the barbecue in a garage, breezeway, or shed, under an unprotected overhang, or in any other enclosed area. The barbecue must not be installed under overhead combustible construction. Position the barbecue and structure so there is enough room to safely evacuate the area in case of a fire.

Clearance From Combustible Materials

Clearance dimensions indicate the minimum allowable distance from the edge of the barbecue to any combustible materials.

The cut-out structure, countertops, and adjacent work areas for the Built-In barbecue installation must be built from noncombustible materials only.

NOTE: If the cut-out is constructed from non-combustibles then combustible material could be closer, according to AS/NZS 5263 and AS/NZS 5601.

NOTE: If you have questions on which materials are considered noncombustible, contact your local building materials supplier or fire department.

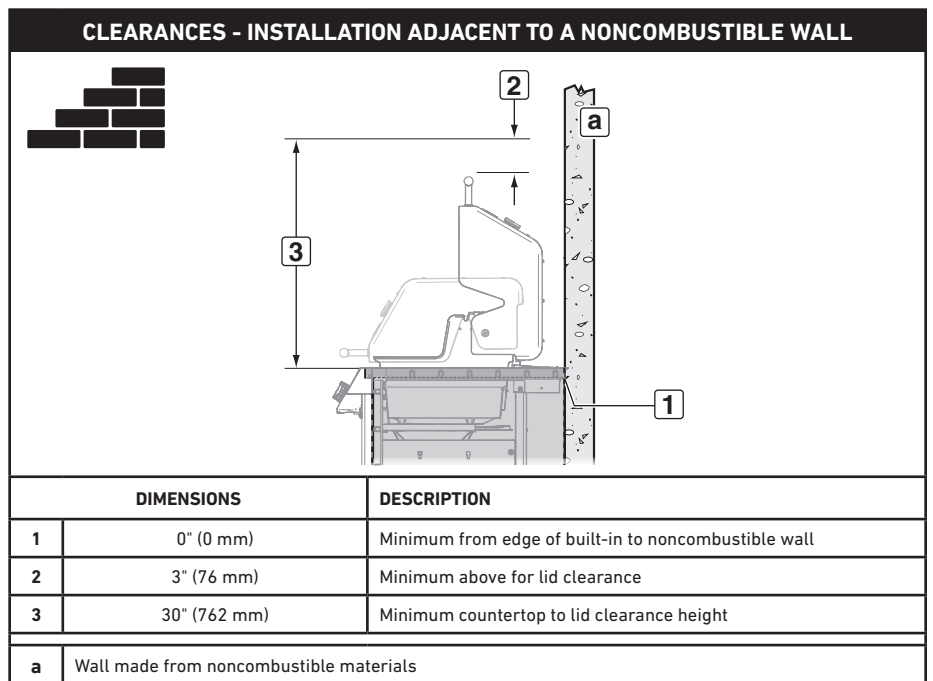
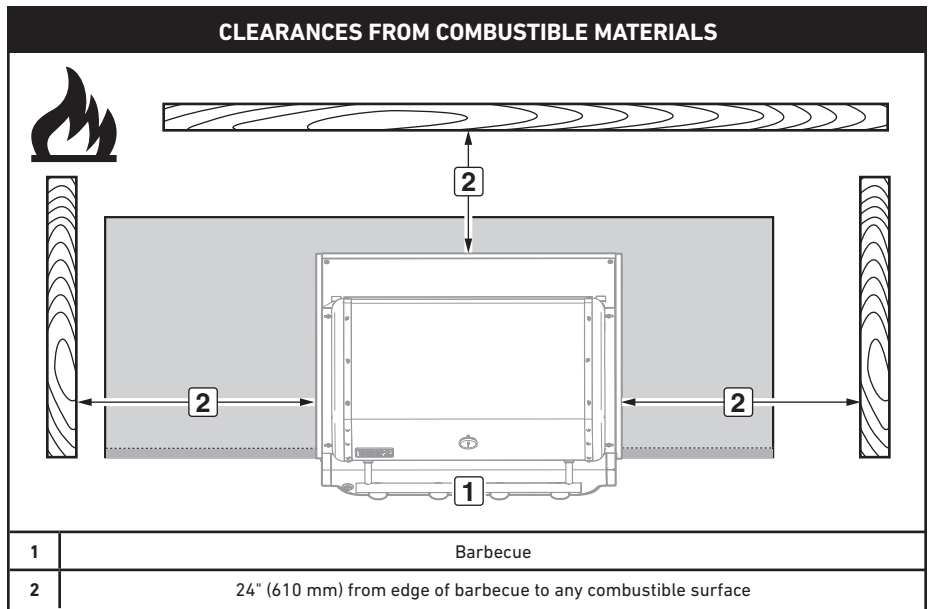
Clearance From Noncombustible Materials

If your installation is to be adjacent to noncombustible materials, you must consider these dimensions for minimum lid clearances.

The cut-out structure, countertops, and adjacent work areas for the built-in barbecue installation must be constructed from noncombustible materials only.

NOTE: If the cut-out is constructed from non-combustibles then combustible material could be closer, according to AS/NZS 5263 and AS/NZS 5601.

NOTE: If you have questions on which materials are considered noncombustible, contact your local building materials supplier or fire department.



⚠ WARNING: The structure, countertops, and adjacent work areas for the built-in barbecue installation must be constructed from noncombustible materials only.

Planning the LPG Cylinder Enclosure

Typical LPG Gas Supply Installation

The LPG cylinder enclosure shall house the included hose and regulator assembly. The hose and regulator are required parts of the built-in gas barbecue.

A properly constructed cylinder enclosure meets the requirements for venting and separation of the LPG cylinder from a heat source. An LPG cylinder enclosure shall be ventilated by openings at both the upper and lower levels of the cylinder. The surface inside the cylinder enclosure should be level so that the LPG cylinder can sit upright. Do not place the LPG cylinder on its side.

Cylinder compartments shall have permanent openings ventilating to the outside of the appliance, and consisting of either—

- (a) perforations, uniformly distributed over the height of the enclosure and with a total free area of not less than 25% of the sidewall area; or
- (b) separate openings at high and low level, such that—
 - (i) the total free area at high levels not less than 20 000 mm² and is within 125 mm of the top of the cylinder compartment; and
 - (ii) the total free area low level is not less than 20 000 mm² and—
 - (A) at least 25% of the required area is within 15 mm of the base of the cylinder compartment;
 - (B) the total required area is within 125 mm of the base of the cylinder compartment area; and
 - (C) the opening cannot be obstructed by the cylinder(s).

NOTE: Contact your local municipality for building codes regulating outdoor gas barbecue installations. You must conform to the latest edition of the local and national code as applicable.

Cylinder Requirements

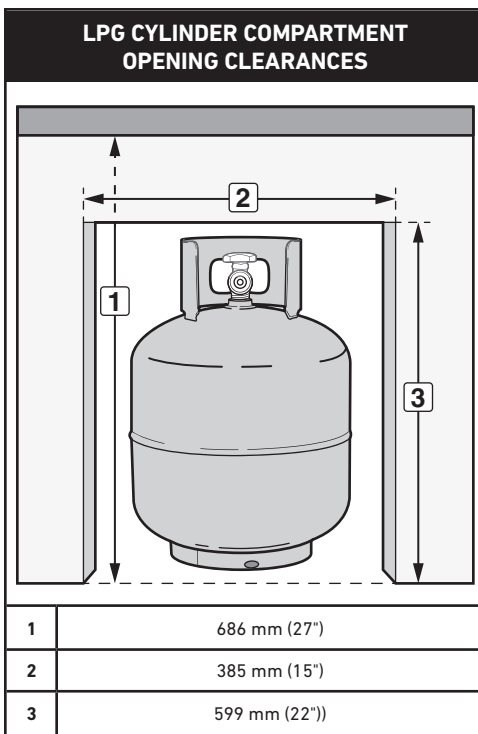
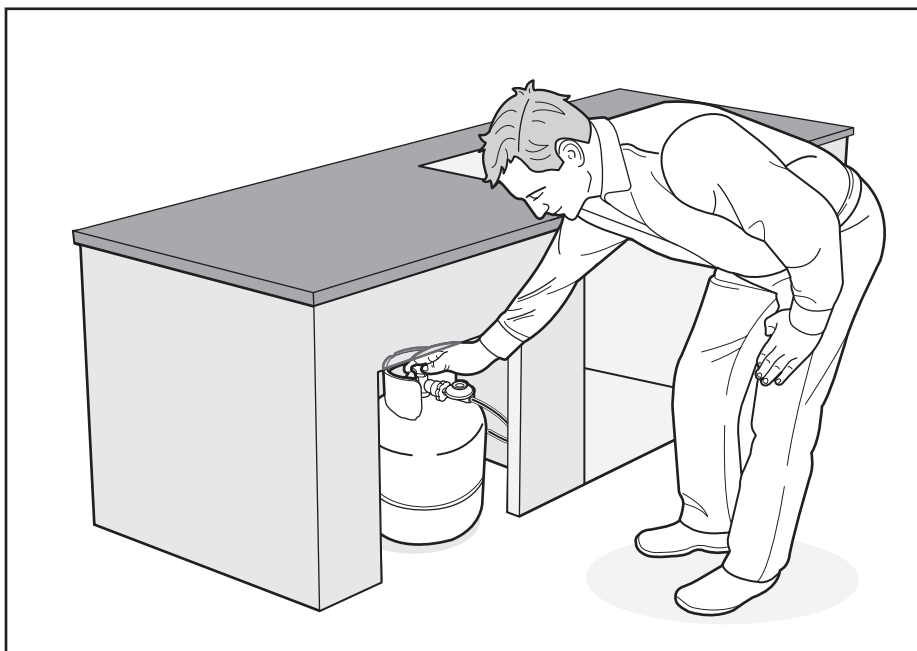
- Use cylinders with a minimum capacity of 8.5 kg.

LPG Cylinder Access

The area should be kept clear of sharp, jagged or extremely abrasive surfaces to avoid possible damage to gas supply lines. Exercise caution when pulling gas lines through built-in structure.

The LPG cylinder, hose/regulator and bulkhead must be **easily accessible**. The LPG cylinder, hose/regulator, and bulkhead must be easily accessible. The height of the tank enclosure (1) must be at least 686 mm (27") from its floor to its ceiling. The width of the door opening (2) must be at least 385 mm (15") from side to side. The height of the door opening (3) must be at least 559 mm (22") from top to bottom.

NOTE: Cylinder enclosure door not included. ♦



⚠ DANGER: An LPG cylinder enclosure for a gas cylinder must be built following the requirements for ventilation, cylinder retention, and separation of the LPG cylinder from a heat source. Failure to follow these guidelines could be dangerous, and could result in a fire or an explosion causing serious bodily injury or death and damage to property.

⚠ DANGER: Use of any other hose and regulator assembly could be dangerous, and may not provide adequate gas supply to the gas barbecue, and could result in a fire or an explosion causing serious bodily injury or death and damage to property.

GENESIS Burner Valve Orifice Sizes & Consumption Data

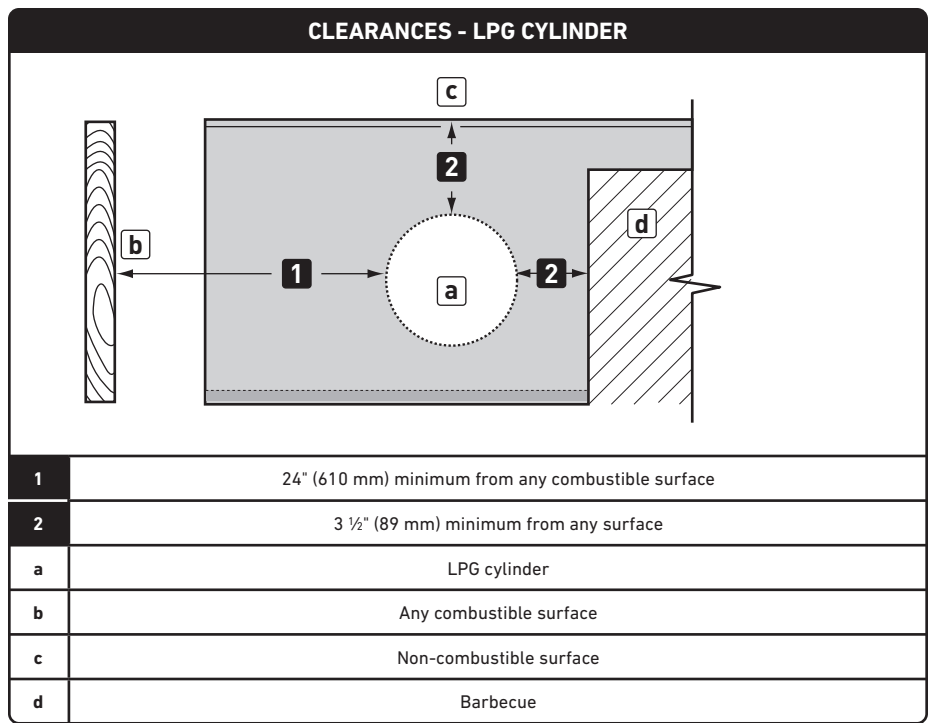
Gas Category	BURNER VALVE ORIFICE SIZES	
	<i>I</i> _{3B/P} (30 mbar or 2.8 kPa)	360 Models
	Main Burners 1.04 mm	Main Burners 0.98 mm
	Sear Burner 1.02 mm	Sear Burner 0.98 mm
TOTAL CONSUMPTION DATA		
	360 Models	460 Models
	57.5 MJ/h	63.5 MJ/h

LPG Cylinder Enclosure Clearances From Surfaces or Structures

When determining a suitable location for your LPG cylinder enclosure, give thought to concerns such as proximity to traffic paths and keeping any gas supply lines as short as possible. Never install the LPG cylinder enclosure in a garage, breezeway, or shed, under an unprotected overhang, or in any other enclosed area. Position the LPG cylinder enclosure and structure so there is enough room to safely evacuate the area in case of a fire.

Follow the minimum clearances from surfaces surrounding the LPG cylinder enclosure as depicted here.

NOTE: If you have questions on what materials are considered noncombustible, contact your local building supplier or fire department.



- ⚠ **WARNING:** Keep the ventilation openings of the enclosure free and clear of debris.
- ⚠ **WARNING:** Turn off the gas at the LP gas supply cylinder when the outdoor cooking gas appliance is not in use.
- ⚠ **WARNING:** LPG cylinders must be stored outdoors out of the reach of children and must not be stored in a building, garage, or any other enclosed area.
- ⚠ **WARNING:** The structure, countertops, and adjacent work areas for the cylinder enclosure must be constructed from noncombustible materials only.

Built-In Gas Line Location

A 58 inch (147 cm) main corrugated gas line is connected to the manifold of the barbecue. Build an opening for the corrugated gas line to pass through to the LPG cylinder enclosure, where connections to the bulkhead, hose and regulator will be made.

NOTE: Leave an access in the "island" structure for gas supply and regulator service that is outside the barbecue cabinet.

NOTE: Area should be kept clear of sharp, jagged, or extremely abrasive surfaces to avoid possible damage to gas supply lines. Exercise caution when pulling gas lines through built-in structure.

General Specifications for Piping

NOTE: Contact your local municipality for building codes regulating outdoor gas barbecue installations. You must conform to the latest edition of the local and national code as applicable.

This barbecue is designed to operate at a nominal pressure specific to a nationally approved low-pressure hose and regulator. Refer to the Gas type and pressure chart for specific operating gas pressures listed in millibars.

Only a nationally approved low-pressure hose and regulator must be used.

Use a minimum 8.5 kg LPG gas cylinder.

- Pipe compound that is resistant to the action of liquid propane gas should be used when gas connections are made.

- The gas connections must be firmly attached to rigid, permanent construction.

NOTE: The information provided in this manual is general for typical installations. We cannot cover all possible installation ideas. We recommend that, prior to installation, you contact your municipality for local and National building codes and your local fire department for installation verification.

Test Connections

All connections and joints must be thoroughly tested for leaks in accordance with latest edition of the local and national code as applicable. Follow the leak test procedures in your Owner's Manual.

Mounting the Bulkhead

Securely mount the bulkhead bracket to the top of the built-in cylinder enclosure using non-corrosive hardware. **MOUNTING HARDWARE NOT INCLUDED.**

⚠ **DANGER:** Do not use a flame to check for gas leaks. Be sure there are no sparks or open flames in the area while you check for leaks.

⚠ **DANGER:** Leaking gas may cause a fire or explosion.

⚠ **DANGER:** Do not operate the barbecue if there is a gas leak present.

⚠ **DANGER:** If you see, smell, or hear the hiss of gas escaping from the LPG cylinder:

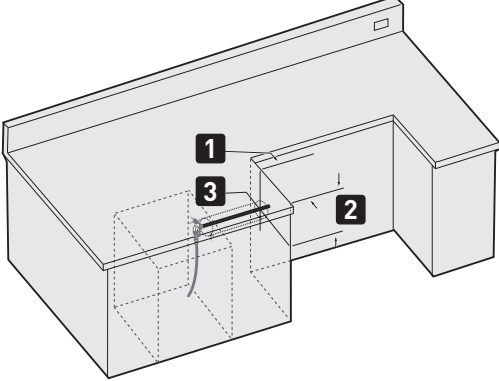
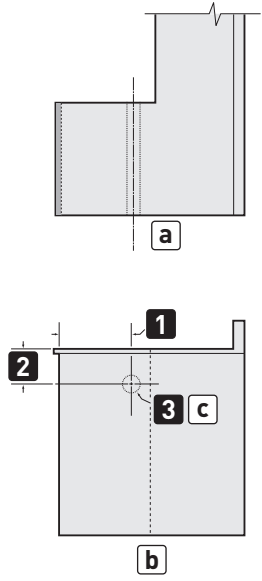
1. Move away from LPG cylinder.
2. Do not attempt to correct the problem yourself.
3. Call the emergency fire services.

⚠ **DANGER:** Always close the cylinder valve before disconnecting the regulator. Do not attempt to disconnect the gas regulator and hose assembly or any gas fitting while this barbecue is in operation.

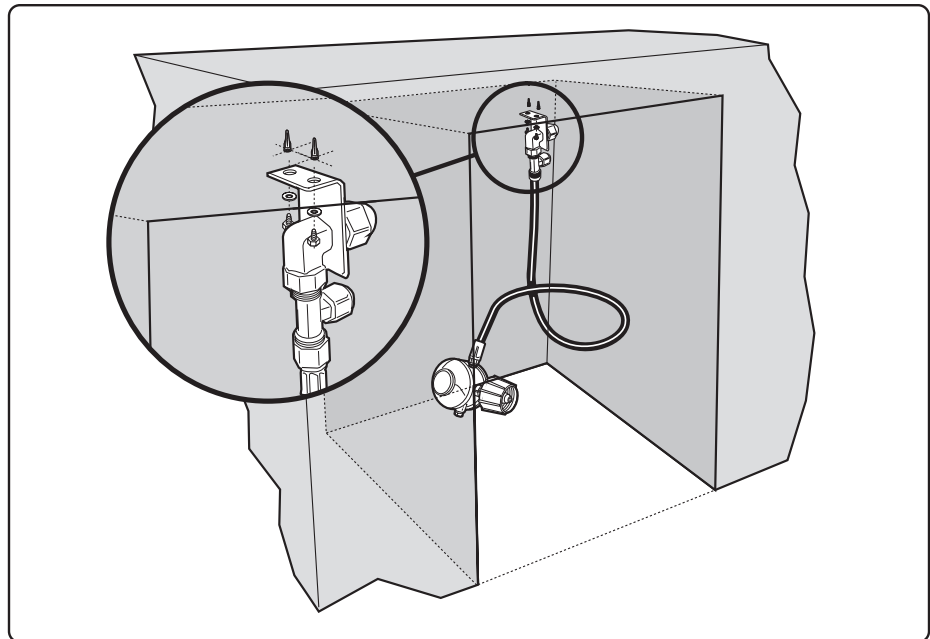
⚠ **DANGER:** Do not store a spare LPG cylinder under or near this barbecue. Never fill the cylinder beyond 80% full. Failure to follow these statements exactly may result in a fire causing death or serious injury.

⚠ **WARNING:** If young children are in the area, a locking valve should be considered.

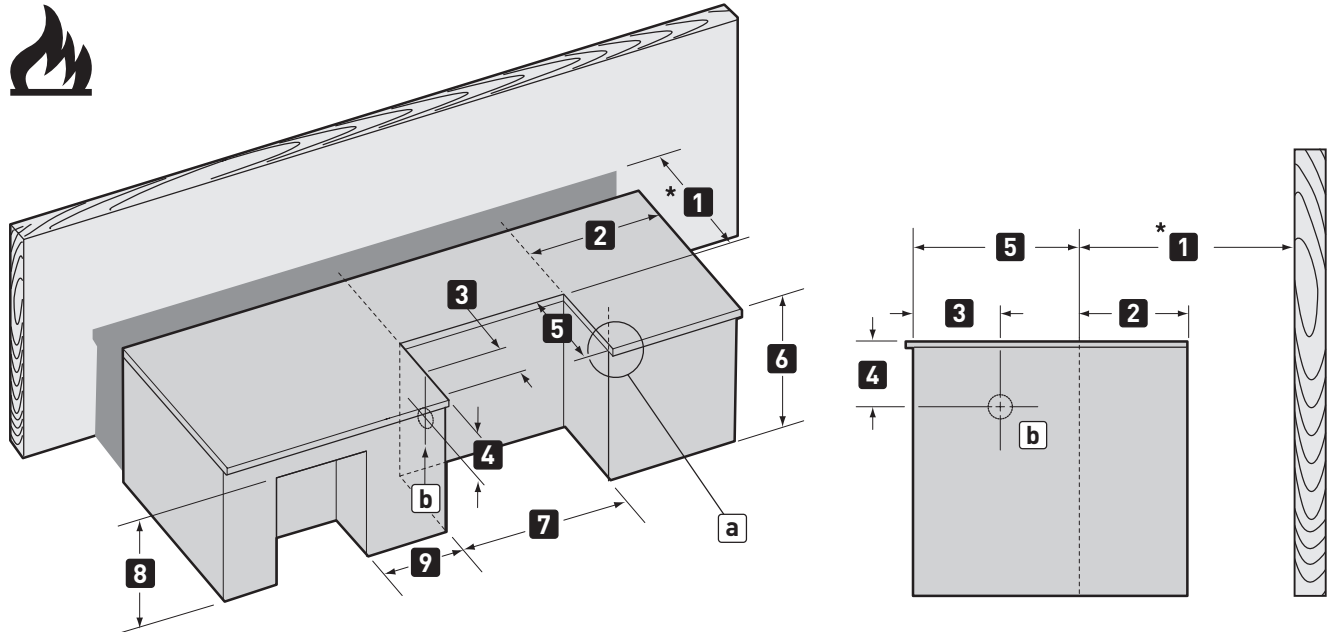
BUILT-IN GAS LINE LOCATION

	360	460	TOLERANCES
1	12" (305 mm)	12" (305 mm)	±½" (12 mm)
2	8" (203 mm)	8" (203 mm)	±½" (12 mm)
3	2 ½" (64 mm)	2 ½" (64 mm)	±¼" (6 mm)
a	Plan view right		
b	Side view		
c	Gas inlet		

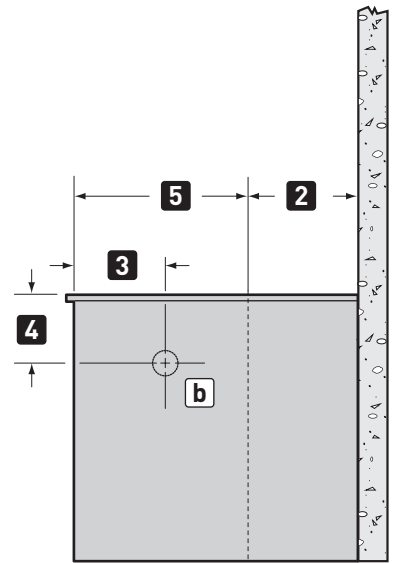
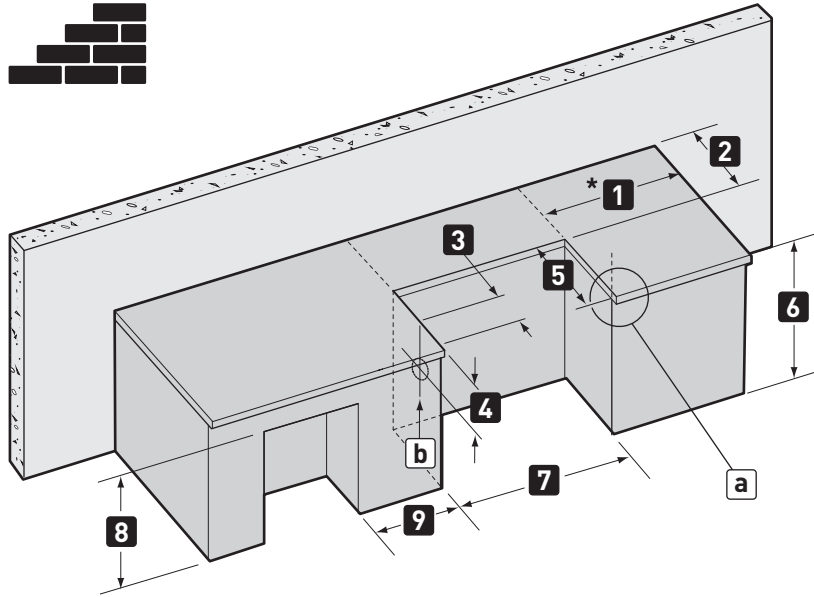


BUILT-IN CUTOUT DETAILED DIMENSIONS - LOCATING THE STRUCTURE NEAR A COMBUSTIBLE WALL



		360	460
DIMENSIONS	*1	24" (610 mm) minimum* Minimum from cutout edge to combustible construction.	24" (610 mm) minimum* Minimum from cutout edge to combustible construction.
	2	0" (0 mm) minimum**	0" (0 mm) minimum**
	3	12" (305 mm)	12" (305 mm)
	4	8" (203 mm)	8" (203 mm)
	5	26 ¼" (667 mm)	26 ¼" (667 mm)
	6	36" (914 mm) maximum	36" (914 mm) maximum
	7	32" (813 mm) built-in frame	39" (991 mm) built-in frame
	8	27" (686 mm) minimum for 10 kg LPG cylinder	27" (686 mm) minimum for 10 kg LPG cylinder
	9	¾" (19 mm) minimum**	¾" (19 mm) minimum**
	a	For a countertop treatment: recommended ¾" (19 mm) overhang	
	b	Gas inlet	
<p>*Clearance from any combustible surface or structure is at least 24" (610 mm) from the back and sides of the barbecue.</p> <p>** If the cut-out is constructed from non-combustibles according to AS/NZS 5263 and AS/NZS 5601.</p>			

BUILT-IN CUTOUT DETAILED DIMENSIONS - LOCATING THE STRUCTURE NEAR A NONCOMBUSTIBLE WALL



		360	460
DIMENSIONS	*1	24" (610 mm) minimum* Minimum from cutout edge to combustible construction.	24" (610 mm) minimum* Minimum from cutout edge to combustible construction.
	2	0" (0 mm) minimum	0" (0 mm) minimum
	3	12" (305 mm)	12" (305 mm)
	4	8" (203 mm)	8" (203 mm)
	5	26 1/4" (667 mm)	26 1/4" (667 mm)
	6	36" (914 mm) maximum	36" (914 mm) maximum
	7	32" (813 mm) built-in frame	39" (991 mm) built-in frame
	8	27" (686 mm) minimum for 10 kg LPG cylinder	27" (686 mm) minimum for 10 kg LPG cylinder
	9	3/4" (19 mm) minimum	3/4" (19 mm) minimum
a	For a countertop treatment: recommended 3/4" (19 mm) overhang		
b	Gas inlet		
*Clearance from any combustible surface or structure is at least 24" (610 mm) from the back and sides of the grill.			
** If the cut-out is constructed from non-combustibles according to AS/NZS 5263 and AS/NZS 5601.			