

# GRILLSKÄR

**IKEA of Sweden AB,  
SE-343 81 Älmhult**



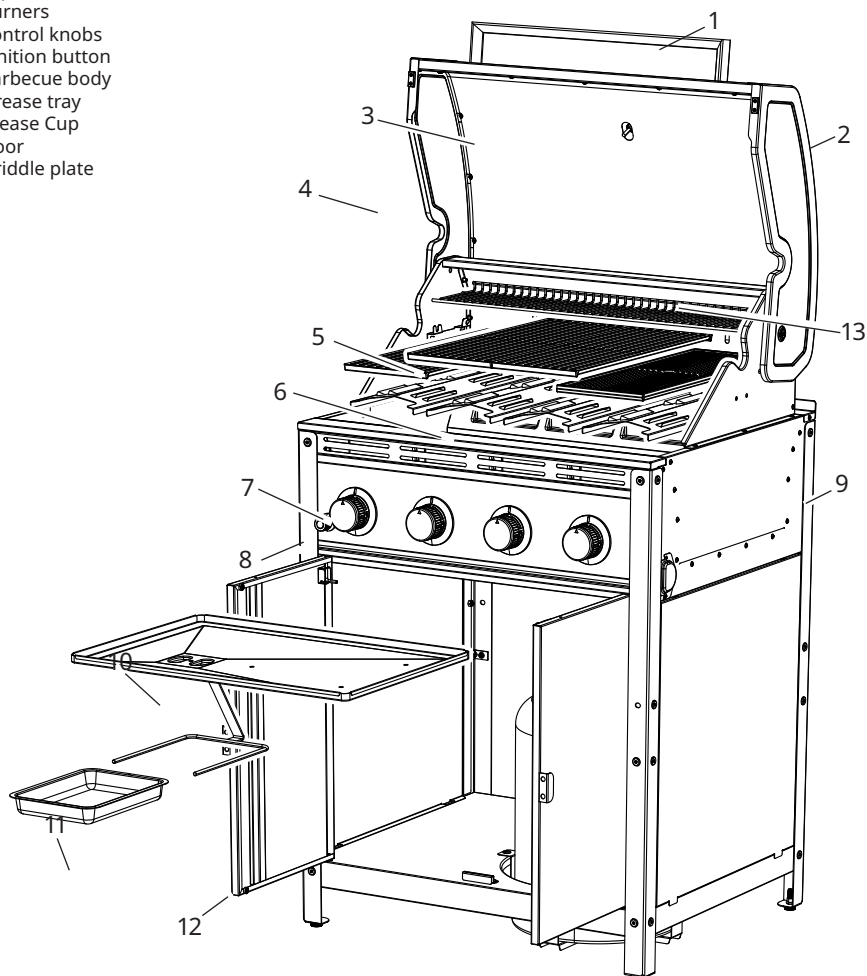
**Design and Quality  
IKEA of Sweden**

## GRILLSKÄR gas barbecue

### LIST OF FEATURES










The numbering of the product features shown refers to the illustration of the barbecue on the graphic page.

1. Handle
2. Hood
3. Warming rack
4. Cooking grill
5. Vaporizer bars
6. Burners
7. Control knobs
8. Ignition button
9. Barbecue body
10. Grease tray
11. Grease Cup
12. Door
13. Griddle plate





**WARNING**



-  Use outdoors only.
-  Read the instructions before using the appliance. Failure to follow these instructions and safety warnings may result in serious bodily injury or death, and/or property loss.
-  Warning: accessible parts may be very hot. Keep young children away.
-  Do not move the appliance during use.
-  Turn off the gas supply at the gas cylinder after use.
-  Do not modify the appliance.
-  Any modification of the barbecue may be dangerous.
-  Leak test the barbecue before first use, annually, when dismantled, when parts are replaced, or if the gas cylinder is removed or replaced.
-  Retain these instructions for future reference.

**DANGER**

If you smell gas:

1. Shut off gas to the barbecue.
2. Extinguish any open flame.
3. Open lid.
4. If the odour continues, keep away from the barbecue and immediately call your gas supplier or the fire department.

**WARNING**









-  Do not store or use petrol or other flammable liquids or vapours in the vicinity of this or any other appliance.
-  An LP cylinder not connected for use shall not be stored in the vicinity of this or any other appliance.

## SAFETY SYMBOLS





















The safety symbols and their meanings are explained below. Read and follow the instructions in this manual carefully.

	<b>DANGER</b>	
DANGER: Indicates an imminently hazardous situation which, if not avoided, will result in death or serious injury.		
	<b>WARNING</b>	
WARNING: Indicates a potentially hazardous situation which, if not avoided, could result in death or serious injury.		
	<b>CAUTION</b>	
CAUTION: Indicates a potentially hazardous situation or unsafe practice which, if not avoided, may result in minor or moderate injury.		

## WARNING

-  Failure to read and follow these instructions could result in serious injury or damage to property.
-  Installation must conform to local codes.
-  This product is for OUTDOOR USE ONLY. NEVER use in an enclosed space such as a carport, garage, veranda, covered patio, or under an overhead structure of any kind.
-  Important – LEAK TEST THE BARBECUE WHEN FULLY ASSEMBLED BEFORE FIRST USE.
-  IN ADDITION always leak test the barbecue annually, when dismantled, when parts are replaced, or if the gas cylinder is removed or replaced. FAILURE TO DO THIS COULD CAUSE SERIOUS INJURY, OR DAMAGE TO THE BARBECUE.
-  Always keep the cylinder vertical.
-  Important – Ensure the barbecue is positioned on flat, level ground to aid with fat/grease run off.
-  GRILLSKÄR gas barbecue is designed for use with liquid propane (LP) gas. Do not use with natural (piped in city) gas. The valves, orifices,

hose and regulator are for LP gas only.

-  This barbecue has been supplied with a propane regulator (only use with propane gas).
-  Should you need to change the gas cylinder, make sure the barbecue is switched off, and that there are no sources of ignition (cigarettes, open flame, sparks, etc.) nearby before proceeding.
-  Never use indoors, in an enclosed area or below ground level.
-  This barbecue shall only be used above ground in an open-air situation with natural ventilation, without enclosed areas, where gas leakage and products of combustion are rapidly dispersed by wind and natural convection.
-  This barbecue is not intended to be used in or on boats or in or on recreational vehicles.
-  This barbecue should not be used under overhead combustible construction.
-  Never use an adjustable regulator with this barbecue.
-  This barbecue will become very hot when in use - take care when touching.
-  Keep children and pets at a safe distance from this barbecue when in use.
-  Do not attempt to move this barbecue when in use.
-  Always turn off gas supply at the gas cylinder when not in use.
-  Any modification of this barbecue may be dangerous.
-  Do not leave this barbecue unattended when in use.
-  Any parts sealed by the manufacturer or his agent must not be altered by the user.
-  When igniting, always have the lid open.
-  Only use the barbecue on a flat, level non-flammable surface or ground.
-  When positioning, ensure the barbecue is a minimum of 1 metre from flammable items or structure from side and back of the appliance.
-  This barbecue is not intended for use with charcoal or other similar fuel.
-  Do not use petrol, white spirit, lighter fluid, alcohol or other similar chemicals to ignite a barbecue.
-  When storing the barbecue or gas cylinder, ensure they are away from flammable materials or liquids.

- ⚠ The gas cylinder must not be stored next to this or any other appliance.
- ⚠ Always follow care and maintenance instructions – regularly maintain your barbecue.
- ⚠ Do not allow grease, fat or food residue to build up in or on the barbecue – RISK OF FIRE.
- ⚠ Always replace worn parts – do not use the barbecue if a leak, wear or damage is found.
- ⚠ Never overload the grill with food – evenly space over the cooking grill surface, ensuring sufficient air circulation to the burners.
- ⚠ Do not store or cover the barbecue until fully cooled.
- ⚠ This product is not suitable for lava rocks.
- ⚠ Do not obstruct the flow of combustion and ventilation air.
- ⚠ Keep the ventilation opening of the cylinder enclosure free and clear from debris.
- ⚠ This appliance must be kept away from flammable materials during use.
- ⚠ Pressure regulator and hose assembly supplied with this barbecue must be used, propane regulator which complies to EN16129 and LPG hose compliant EN16436-1 no longer than 1.5m in length.
- ⚠ Replacement pressure regulators and hose assemblies must be the same as those supplied originally with the barbecue. Never use an adjustable regulator with this barbecue.
- ⚠ Do not hang any combustible materials from the hand rails of this barbecue.
- ⚠ Always wear protective gloves or a barbecue mitt when handling hot components or items such as pots.
- ⚠ Before each use inspect the gas hose to ensure it is free of any twisting or tension.  
**Note:** The flexible LPG hose must be replaced prior to the expiry date as specified by the hose manufacturer.

## LEAK TESTS

### IMPORTANT – PERFORM LEAK TESTS BEFORE USE

Always leak test the unit – annually, when dismantled, when parts are replaced, or if the gas cylinder is removed or replaced.

- Never use an open flame to check for leaks at any time. **DO NOT IGNITE THE BARBECUE DURING LEAK TESTING.**

- To be performed in a well-ventilated area.
- Be sure all control knobs are in the 'OFF' position.
- Check for leaks by brushing a solution of 1/2 water and 1/2 soap over all the gas system joints, including all valve connections, hose connections and regulator connections.
- Ensure the soap solution has been applied to all connections – connect the regulator to the gas cylinder, open the gas control valve on the regulator allowing gas to flow.
- **OBSERVE** – if bubbles form over any part of the joints there is a leak.
- Turn off the gas and tighten all joints.
- Repeat test. If bubbles form again, do not use the barbecue. Please contact your local dealer for assistance.

## GAS AND REGULATOR INSTRUCTIONS

- This barbecue can use either propane or butane LPG bottled gas. If using butane you must change the regulator.
- Propane cylinders will supply gas all year round, even on cold winter days.
- Butane cylinders will supply sufficient gas in summer. Butane gas must not be used in colder temperatures. Contact your local gas supplier for advice.
- The cylinder should be positioned underneath the main barbecue body and stored upright.
- Gas cylinders should never be stored or laid on their side.

## User instructions

Before assembling your barbecue, remove all protective packaging from each part.

The gas cylinder must have a connection compatible with the regulator supplied with the barbecue and have a minimum capacity of 4kg / 9lbs, with a maximum dimensions of 32cmx58cm. See assembly instructions for cylinder position.

Do not store a spare LP gas cylinder under or near this appliance.

Never fill the cylinder beyond 80% full. Failure to follow these instructions exactly may result in fire causing serious injury or death.

Place dust cap on cylinder valve outlet whenever the cylinder is not in use. Only install the type of dust cap on the cylinder valve outlet that is provided with the cylinder valve. Other types of caps or plugs may result in leakage of propane.

### Connecting to the Cylinder

- Confirm all barbecue control knobs are in the 'OFF' position.

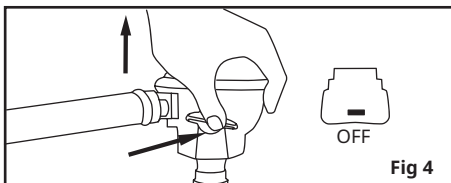
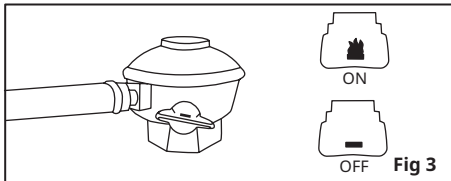
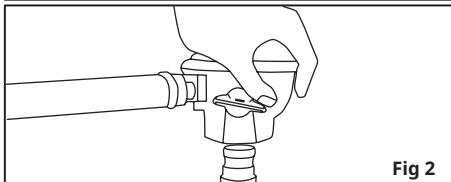
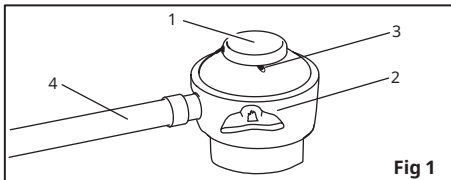


- Connect the regulator to the gas cylinder according to the instructions below and the instructions from the gas cylinder supplier.

### Read carefully before use

Table (A)

COUNTRY	INLET	OUTLET
GB/IE	Quick-on 27	HOSE NOZZLE Ø8mm



### Operating and installation conditions

- The pressure regulator & hose kit is designed for appliances with a service pressure of 37 mbar, as indicated on the pressure regulator (1), with power below that indicated on the regulator (1) 1.5kg/h of propane.
- The pressure regulator must be protected from the rain in order to prevent water penetrating through the vent (3).
- To ensure correct system operation, make sure the vent (3) is not blocked by objects or materials.
- Do not move the cylinder during operation.

### Fitting the regulator & hose kit

#### A) Fitting the operating appliance.

- Make sure all the taps of the operating appliance are closed. Verify that hose inlet is correctly connected to barbecue inlet (4).

#### B) Assembly on the gas cylinder

Make sure that:

- All taps of the consuming appliance are closed.
- The connecting pipe to the consuming appliance is correctly fitted.
- The "Compact Quick-on" regulator handle is in the "off" position (Fig 2). Remove the seal cap from the cylinder valve, place the "Compact Quick-on" onto the valve and push down firmly and vertically. You should hear a "click" sound which means the regulator is securely latched.

**Notes:** The "Compact Quick-on" is so designed as to prevent it from being fitted to the valve, unless the regulator handle is in the "off" position; therefore, never attempt to mount or to dismount it, when the handle is not in that position.

#### C) Operation

**OPEN (ON):** After fitting the regulator correctly onto the valve, gas flow can be opened by turning the regulator handle an anticlockwise half turn till the stop and to find the opposite horizontal ON position. In ON position a red flame and the marking "ON" is visible. In this position the valve is open and the gas can flow.

**CLOSED(OFF):** The gas flow can be stopped by turning the knob clockwise half turn until the stop and to reach the opposite horizontal OFF position. In OFF position the valve is closed. No gas is flowing.

**Caution:** If you are unable to turn the regulator handle to the "on" position, this means that your "Compact Quick-on" is not correctly connected to the valve. Do not force the handle to open, and restart the operations described under B) above.

### D) Replacement of a cylinder

Make sure that:

- all taps on the gas consuming appliance are in the "off" position.
- the "Compact Quick-on" regulator handle (2) is in the "off" position. Then, dismount the "Compact Quick-on" by pressing horizontally on the handle (2) and pulling upwards at the same time.(Fig 4). Do not move the cylinder during operation.

### System maintenance

- In extended periods of non-use the regulator should be disconnected from the cylinder. Regulator should be protected from debris and dust during storage.
- In normal conditions of use, to ensure correct system operation, it is best to replace the pressure regulator within 10 years from the date of startup. The pressure regulator must conform to EN16129 standard.
- When replacing the pressure regulator or the hose, it may be necessary to replace the clamps. In this case, use clamps dimensions 15/17.
- After performing any maintenance operations, always check for leaks before starting again.
- The pressure regulator does not require any special maintenance jobs, but always make sure the vent (3) is not blocked. If it is blocked, it can be freed by means of a needle.

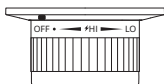
### User instructions

Before proceeding, make certain that you understand the WARNING statements in this manual.

- Preparation before cooking – To prevent foods from sticking to the cooking grill, please use a long handled brush to apply a light coat of cooking or vegetable oil before each barbecuing session.
- Note: When cooking with your barbecue for the first time, the paint on the outside of the barbecue may change colour slightly as a result of high temperatures. This is normal and should be expected.

### Lighting the barbecue

- Open the barbecue hood (2).
- Ensure all knobs are in the 'OFF' position (7).



- Unscrew ignition button (8) and insert AA battery, positive end facing outwards. Screw ignition button (8) back into place. Open the barbecue hood (2) and turn on gas supply at gas cylinder.
- Turn burner control knob (7) to position ⚡.



- Press and hold ignition button (8) to ignite the burner flames. If ignition does not occur in 5 seconds, turn burner control knob (7) to OFF ●, wait 5 minutes, and repeat the lighting procedure.
- In windy conditions, shield from wind to ensure easy lighting.
- Once ignition has occurred, turn control knob (7) to lower or raise heat as required.
- After ignition, the burners should be burned at the high position for 3-5 minutes in order to preheat the barbecue. This process should be done before every cooking session. IMPORTANT - The hood should be open during preheating.
- After completion of preheating, turn burners to low position and cook with the hood in the down position for best cooking results.



### Manual lighting instructions

- Remove the cooking grill (4), griddle plate (13) and vapour bar (5) from barbecue.
- Place a lit match beside the burner (6) (at the same location as the sparker shield).
- Push and turn the right most control knob (7) anti-clockwise to the high position.
- After successful lighting, light each burner from left to right as desired.

### Grill Cooking

The vapour bar evenly distributes the burner flame across the cooking grill area. The natural food juices produced during cooking fall onto the hot vapour bar below and vaporise.

Even cooking of food will be achieved by using the barbecue with the hood down. This should only be done with the burner on low.

### Flare-Up Control

**IMPORTANT – FLARE UPS CAN OCCUR FROM RESIDUE FAT AND JUICES DRIPPING ONTO THE BURNERS AND HOT VAPOUR BAR.** To reduce this, regularly clean the burners and vapour bar. To control flare-up, it is advisable to trim away excess



fat from meat and poultry before grilling. The burners should always be placed on the low setting during cooking. Always protect your hands when handling anything near cooking surface of the barbecue.

### Covered cooking

Keep the hood closed when you grill to ensure the heat circulates evenly. With the hood closed, the gas barbecue cooks much like a convection oven. The thermometer in the hood shows what the cooking temperature is inside the barbecue so you don't have to lift the hood. Avoid lifting the hood to look inside during the cooking process – heat will be lost.

### End of Cooking Session

After each cooking session, turn the barbecue burners to the 'HIGH' position and burn for 5 minutes. This procedure will burn off cooking residue, thus making cleaning easier.

### Turning Off Your Barbecue

Push the control knob (7) in and turn to the 'OFF' position.

Turn the gas off and disconnect at the cylinder when not in use.


The regulator must be disconnected when the barbecue is not in use. Wait until the barbecue is sufficiently cool before closing the hood.

At the end of every cooking session ensure grease cup is cleaned thoroughly.


### FOOD SAFETY

Please read and follow this advice when cooking on your barbecue:

- Always wash your hands before and after handling uncooked meat and before eating.
- Always keep raw meat away from cooked meat and other foods.
- Before cooking, ensure barbecue grill surfaces and tools are clean and free of old food residue.
- Do not use the same utensils to handle cooked and uncooked foods.
- Ensure all meat is cooked thoroughly before eating.

 **CAUTION** – eating raw or undercooked meat can cause food poisoning (e.g. bacteria strains such as E.coli)

- To reduce the risk of undercooked meat, cut open to ensure it is cooked all the way through internally.

 **CAUTION** – if meat has been cooked sufficiently the meat juices should be clear in colour and there should be no traces of pink/red juice or meat colouring.


- After cooking on your barbecue always clean the grill cooking surfaces and utensils.


### CARE AND MAINTENANCE


- Regularly clean your barbecue between uses and especially after extended periods of storage.
- Ensure the barbecue and its components are sufficiently cool before cleaning.
- Do not leave the barbecue exposed to outside weather conditions or stored in damp, moist areas.
- Never douse the barbecue with water when its surfaces are hot.
- Never handle hot parts with unprotected hands.
- In order to extend the life and maintain the condition of your barbecue, we strongly recommend that the unit is covered when left outside for any length of time, especially during the winter months.
- **IMPORTANT** – We recommend that servicing of this barbecue should be performed either after every 100 hours of use or annually, whichever is achieved soonest.
- Change the flexible tube when the national conditions require it.




### CAUTION

 If you smell gas – turn off the barbecue, extinguish all flames, open the barbecue hood. If the odour continues, immediately contact your gas supplier.

 In the event of an uncontrollable fire, immediately disconnect the gas cylinder moving it away from fire and contact the fire services. **DO NOT PUT YOURSELF AT RISK!**

 Ensure aerosols are not used near this barbecue when in use.

 Ensure all packaging and plastic bags are disposed of safely.

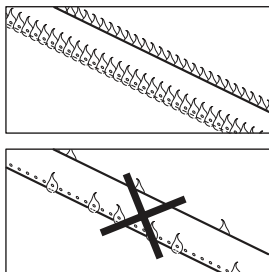
### Cooking Grill (4)

- Clean with hot soapy water.
- To remove any food residue, use a mild cream cleaner on a non-abrasive pad.
- Rinse well and dry thoroughly.

### Burner (6) Maintenance

- In normal usage, burning off the residue after cooking will keep the burners clean.
- The burners should be cleaned annually, or whenever heavy build-up is found, to ensure that there are no signs of blockage (debris, insects) in either the burner portholes or the venturi tubes of the burners fitted over the valve outlets. A blocked burner can lead to a fire beneath the grill.

- Visually inspect the operation of the burners. See figure below showing correct burning. There should be flame from all portholes.



#### Vapour Bar (5)

- Clean the vapour bar with soap and warm water using a low abrasive cleaning cloth or sponge!

#### Grease cup (11)

- **IMPORTANT** – Check and clean the grease tray regularly before every use and replace if necessary. Do not allow the fat residue to build up in the tray.
- NEVER use without grease cup in position.

#### Barbecue Body (9)

- Regularly remove excess grease or fat from the barbecue body with a soft plastic or wooden scraper.
- It is not necessary to remove all the grease from the body. If you need to clean fully, use hot soapy water and a cloth, or nylon-bristled brush only.
- Remove cooking surfaces and burners before full cleaning.
- Do not immerse the gas controls or manifold in water.
- Check burner operation after carefully refitting into body.

#### Fixings

- All screws and bolts, etc. should be checked and tightened on a regular basis.

#### STORAGE

Do not leave your barbecue uncovered when not in use. Store your barbecue in a cool dry place like a shed or garage when not in use to protect against the effects of extreme weather conditions, particularly if you live near coastal areas. Prolonged exposure to sunlight, standing water, sea air/saltwater can all cause damage to your appliance. (A cover may not be sufficient to protect your appliance in some of these situations).

- Cover the burners with aluminium foil in order to prevent insects or other debris from collecting in burner holes.
- If the barbecue is to be stored indoors, the gas cylinder must be disconnected and left outside. The gas cylinder should always be stored outside, in a dry, well-ventilated area, away from any sources of heat or ignition. Do not let children tamper with the cylinder.
- Always inspect the hose for cuts, cracks or excessive wear before use.
- If the hose is damaged or there is excessive abrasion or wear or the hose is cut, it must be replaced with a hose suitable for use with LPG and meet the national standards for the country of use and must be as specified by the manufacturer. The length of the hose shall not exceed 1.5m.

#### TECHNICAL INFORMATION

This barbecue is designed for outdoor use only using propane gas. Please read all accompanying documentation carefully.

#### Great Britain / Ireland (GB/IE)

**Article No.:** 70489935

**Gas category:** I3+(28-30/37)

**Gas type and pressure:** Butane (28-30) mbar / Propane 37mbar

**Maximum gas consumption:** 1029gm/h

**Total heat input:** 14.4kW

**Main burners injector size:** 0.95mm

**Countries intended for:** GB/IE

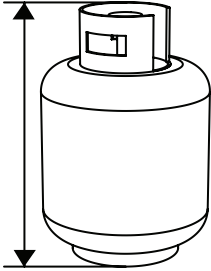
#### HOW TO REACH US IF YOU NEED OUR SERVICE

Contact your local IKEA store. You will find the address and phone number in the IKEA catalogue or at [www.IKEA.com](http://www.IKEA.com).

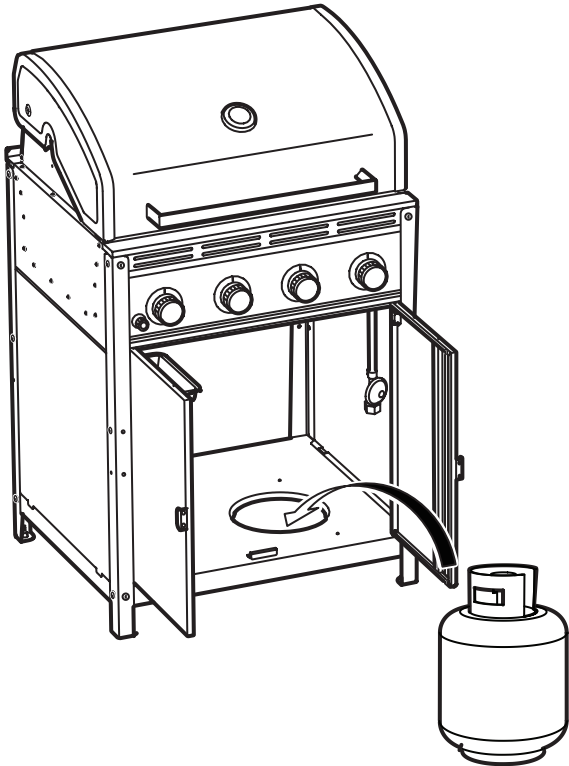
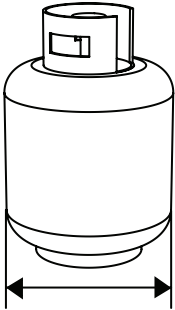
To ensure that we provide you with the best assistance, please read carefully the Assembly Instructions and/or the User Instruction section of this manual before contacting us.



Max  
580 mm  
(22 53/64")



Max  
320 mm  
(12 19/32")



## TROUBLESHOOTING

Problem	Possible Cause	Solution
<b>Burner will not light using the ignition system</b>	LP gas cylinder is empty	Replace with full cylinder
	Faulty regulator	Have regulator checked or replace
	Obstructions in burner	Clean burner
	Obstructions in gas jets or gas hose	Clean jets and gas hose
	Electrode wire is loose	Reconnect wire
	Electrode or wire is damaged	Change electrode and wire
<b>Low flame or flashback (fire in burner tube - a hissing or roaring noise may be heard)</b>	LP gas cylinder too small	Use larger cylinder
	Obstructions in burner	Clean burner
	Obstructions in gas jets or gas	Clean jets and gas hose
	Windy conditions	Use BBQ in a more sheltered position
<b>Gas valve knob difficult to turn</b>	Gas valve jammed	Replace gas valve