



# Technical Publication

Guidelines for the safe use of BBQs  
(including outdoor hotplates & grills)

## General Advice

- LPG barbecues (BBQs) should comply with the European Standard EN:498 and LPG independent hotplates incorporating a grill should comply with the European Standard EN:484. **They are for outdoor use only.**
- **The combustion products leaving the BBQ, hotplate or outdoor grill are very hot. On no account should they be used in an enclosed space or inside a tent or marquee or close to umbrellas or other combustible materials due to the possibility of fire or highly poisonous carbon monoxide being produced.**
- **Even if you have finished cooking the BBQ should remain outside to cool down for several hours after use as it can still give off fumes of highly poisonous carbon monoxide.**
- Assembly of BBQs should be carried out by a competent person in accordance with the manufacturer's instructions and the assembly should then be tested before use to ensure it is gas-tight and operates correctly. Don't over-tighten joints.
- A regulator must be fitted between the cylinder and the BBQ. The BBQ should have been supplied with a clip on regulator with suitable clips to a hose complying with BS3212 type 2 or BS EN 1763 Class B. If a standard propane 37 (mbar) screw-on regulator is fitted your local Calor Gas Retailer will be able to give advice on a suitable replacement.
- Check the data plate on the BBQ to find out what type of gas it uses. Never use a BBQ on the wrong gas and don't use Autogas. It is not safe (or legal) to fill a LPG cylinder at an Autogas dispenser.
- BBQs and other gas outdoor appliances should be regularly serviced by a competent person in accordance with the manufacturer's instructions, particularly prior to the start of a new season.

**Important** Please read and follow these few simple guidelines in conjunction with the manufacturer's instructions for the safe use of your LPG BBQ and to ensure the Health and Safety of yourself and others who may be affected.

## Safe Use

- Check the BBQ is in good order, undamaged and that hoses are properly attached and undamaged. The condition of the flexible hose connecting the regulator to the BBQ should be checked monthly and each time the cylinder is replaced. If it shows signs of cracking, splitting or other deterioration, it should be exchanged for new hose of the same length, manufactured to BS 3212 type 2 or BS EN 1763 Class B
- Care is needed when positioning the BBQ to ensure it is on level solid site, well away from shed, wooden fences, trees, hedges and shrubs.
- Position the Calor cylinder and hose away from the BBQ so that fat does not drip on the cylinder or hose. **Do not position the cylinder beneath the BBQ**
- Keep children and pets well away from the cooking area.
- Never leave the BBQ, hotplate or grill unattended.
- BBQs should not be moved when alight. Turn off at the regulator before moving the appliance.

## After Care

- After cooking, turn off the regulator or gas cylinder before turning off the controls on the BBQ to ensure any residual gas in the hose and pipework is used up.
- Ensure the BBQ has cooled down before attempting to move it.
- Clean the appliance and ensure any fat or oil deposits are removed from the hose and cylinder before storing them.
- The regulator should be in the "off" position when not in use and before changing the



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Calor cylinder

- Cylinders and cartridges should be stored outdoors in an upright position. Return cylinder to your Calor Gas retailer when empty or not in use for long periods,
- **Change cylinders and cartridges outdoors away from any source of ignition, never in a tent. Don't smoke or use your mobile phone when exchanging cylinders or cartridges.**
- Please ensure the safe use and storage of cylinders. **Separate information leaflets 'Using Calor Gas Safely' are available for butane, propane & Patio gas from [www.calor.co.uk](http://www.calor.co.uk)**

## Carbon Monoxide

Carbon monoxide (CO) is a highly poisonous gas which can be produced if an appliance is not working correctly. It is difficult to recognise as it has no colour, smell or taste. Symptoms of CO poisoning are similar to that of a viral infection. It affects the mental ability causing a person to become incapable without knowing.

### Symptoms of exposure to Carbon Monoxide

- Tightness across the forehead
- Headache
- Severe headache, weakness, dizziness, nausea, vomiting.
- Coma, intermittent convulsions
- Depressed heart action, slowed respiration.
- If the exposure has been severe it may cause death.

If you suspect you are suffering from the symptoms below call the Calor Gas Emergency Service number on **0845 7 444 999**

## Emergency Advice

**NEVER USE A NAKED FLAME** to search for a leak. LPG is odorised to enable accidental releases to be detected by smell. If a persistent gas smell is present, the heater should not be used, or if alight, the gas supply should be turned off immediately at the regulator. The cause should be investigated and rectified before the heater is used again. Check connections are tight by spraying with leak detection fluid. Bubbles will form if gas is escaping. If in doubt, turn off the gas and refer to a Gas Safe™ registered engineer.

If the flame does not go out when the regulator is turned off, leave the appliance alight and call your local Calor Gas retailer.

### In the Event of Fire

- Immediately raise the alarm and call the **Fire Brigade** advising them of the presence of LPG.
- Shut all valves on cylinders.
- Keep cylinders cool by water spray if possible.
- Ring the **Calor Gas Emergency Service** number **08457 444 999**

The information in this document is intended to give guidance and believed to be accurate and represent good practice at the time of publication. It does not replace the need to consult other formal documents where further information may be required.

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