



IMPORTANT

Read these instructions for use carefully. Familiarise yourself with the appliance before connecting it to its gas container. Keep these instructions for future reference.

ONLY USE IN WELL-VENTILATED AREAS.

CARBON MONOXIDE HAZARD - USING THIS APPLIANCE IN AN ENCLOSED SPACE MAY CAUSE DEATH. DO NOT USE IN CARAVANS, TENTS, MARINE CRAFT, CARS, MOBILE HOMES OR SIMILAR LOCATIONS.

- Do not modify this appliance.
- Check that seals between the appliance and the gas container are in place and in good condition before connecting the gas container.
- Do not use the appliance if it has damaged or worn seals.
- Do not use this appliance if it is leaking, damaged or does not operate properly.
- This appliance must only be serviced by an authorized person.
- The openings at the base of the burner provide air for combustion, they should never be obstructed. If the flame becomes significantly orange check these openings for a blockage.
- If the appliance cannot be adjusted to perform correctly it should not be used until serviced or repaired.

- To check that the gas container is filled, when shaken a sloshing sound will be heard.

CAUTION: accessible parts may be very hot. Keep young children away.

USE OUTDOORS ONLY.

BUTANE PRODUCT

This appliance shall only be used with a 100% butane gas cartridge certified to EN417, DOT 39 or equivalent.

IT MAY BE HAZARDOUS TO ATTEMPT TO FIT OTHER TYPES OF GAS CONTAINERS.

Only change the gas cartridge in a well ventilated location, preferably outside, away from people and any source of ignition, such as naked flames, pilot flames, and electric heaters/ equipment.

If there is a leak on your appliance (smell of gas) and you cannot stop the gas flow, remove the appliance to a well-ventilated location away from any ignition source. Check for leaks using soapy water. Do not try to detect leaks using a flame.



WARNING

- **ONLY USE ON A STABLE, LEVEL SURFACE WITH THE PLASTIC BASE ATTACHED, OR SUSPENDED FROM A SOLID POINT.**

Gasmate®

Butane Lantern with Piezo Ignition Model No. BL211PL

- Piezo ignition
- Stainless steel lantern mesh
- Operates on Gasmate G4210 butane cartridge for approx. 5 hours (sold separately)
- Hanging handle
- 130 C.P. output
- AGA certified



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Aber Ltd - Hamilton, N.Z. www.gasmate.co.nz

Important: Retain these instructions for future use.

Gasmate®

GENERAL INFORMATION

INSTRUCTIONS FOR USE:

- Remove lantern from carton and remove any transit protection material.
The lantern must be placed on a level table with the plastic base attached or securely suspended.
 - The appliance area must be kept clear and free of combustible materials, gasoline and other flammable vapours and liquids.
 - Gas orifices and burner must be kept clear of dirt and cobwebs. Flow of combustion and ventilation air through the perforated portions of the appliance must not be obstructed.
 - Any cleaning agent used on the appliance should be of a non-combustible and non-corrosive nature.
- Proper clearance from combustible materials must be maintained at all times. The minimum clearances are as follows:

Minimum Clearance from Combustibles:

Side 600 mm **Top** 500 mm

Combustible materials are considered to be wood, compressed paper, plant fibres, plastic, plexiglas or other materials capable of being ignited and burned.

Such materials shall be considered combustible even though flame proofed, fire-retardant treated or plastered. Additional clearance may be required for glass, painted surfaces and other materials which may be damaged by radiant or convection heat.

LIGHTING AND BURNING OFF MANTLE

- Open control valve approximately half a turn and press control valve knob, mantle should ignite. If mantle fails to ignite, turn valve off and try again.
- When mantle is lit, turn knob anti-clockwise to increase light intensity and clockwise to decrease intensity or extinguish.
DO NOT open valve past the point where maximum intensity is reached as this may cause unnecessary flaring and waste of gas.

NOTE: The mantle is now very brittle and should not be touched.

REPLACING MANTLE

Carefully remove all traces of old mantle. Fit the new mantle by tying firmly into the grooves of the burner cap and spread evenly all around. The mantle can then be burned off as described previously.

ANNUAL MAINTENANCE

Clean the body of your appliance using a cotton cloth soaked in soapy hot water. Never use abrasive or flammable cleaning products. Use a soft brush to clean the burner.

STORAGE

When the appliance is not used it must be stored in a suitable area to protect it from any risk of deterioration. Keep it in a well ventilated area and out of reach of children.

Remove the butane cartridge when not in use.

REPLACING JETS

If the jet should become blocked or need replacement, remove the lantern head assembly to which the jet is assembled. The jet can now be removed. To clear blocked jets wash in petrol. Do not use wires or prickers. If washing is unsuccessful, fit new jet. When refitting the jet, make sure it is tight.

REPLACING THE 'O' RING

Rotate and remove the base, then position the lantern on its' cover. Remove the two Phillips head screws and lift off the metal body. Remove the 'O' ring and discard. Replace with a new 'O' ring and re-assemble.

HANDY HINTS

- Inspect the "O" Rings regularly and replace if worn or damaged.
- Never connect or disconnect the cartridge near an open flame.
- Check for gas leaks with SOAPY WATER. DO NOT USE A FLAME.
- Ensure that the area in which the lantern is to be used is well ventilated and DO NOT use as a space heater in tent, caravan, etc.
- Ensure the lantern is completely extinguished before disconnecting from cartridge.
- DO NOT place the lantern closer than 60cm from ceiling or partition, etc.
- Avoid moving the lantern during use as this can cause large flames.

ATTACHING THE CARTRIDGE

Only use cartridges with a bayonet fitting.

This appliance shall only be used with 100% butane gas cartridge certified to EN417, DOT 39 or equivalent.

IT MAY BE HAZARDOUS TO ATTEMPT TO FIT OTHER TYPES OF GAS CONTAINERS.

Remove the cap protecting the gas cartridge valve and remove the plastic base.

Where the gas cartridge valve is loaded you will notice that there are two clips; a wide clip and a smaller location tab.

When placing the cartridge onto the appliance ensure the groove that has been cut out of the top ring is aligned with the locating tab.

Hook the ring on the wide clip (ensuring it stays caught), the groove in the bayonet fitting will then slot over the smaller clip at the top.

Hold the cartridge in place and turn clockwise (approximately 6mm) locking it into place.

Ignition & Operation

If lantern does not light after 5 seconds, turn off gas valve and wait 2 minutes before re-lighting.

This will allow gas to disperse.

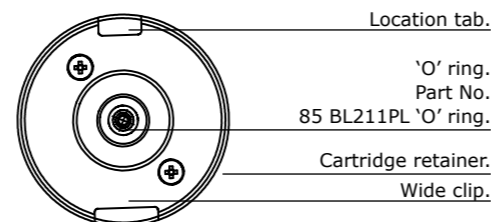
If unit does not light after several attempts, it can be lit using a long barbecue match.

GAS CONSUMPTION	g/h	MJ/h	BTU	G Injector
BL211PL	39 g/h	2.0 MJ/h	1,900 BTU	0.15mm

SPARE PARTS

- Cover
- Handle
- Mantle (GM100)
- Stainless steal mesh
- 'G' injector (0.15mm)
- Knob
- Piezo assembly
- 'O' ring
- Base

GAS CONTROL



Shutdown

Turn the knob clockwise towards the ("–") marking and hand tighten to ensure the gas is off.

CARTRIDGE REPLACEMENT

Replace the cartridge outdoors in a well ventilated area away from any possible ignition source and other people.

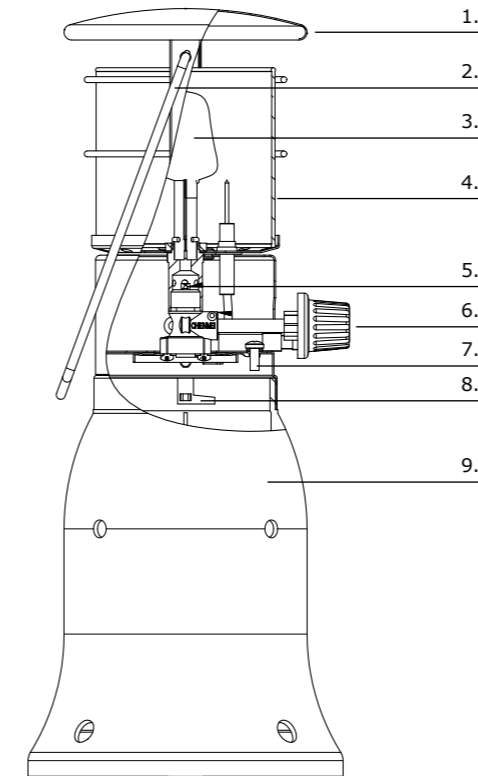
Make sure that the cartridge is empty by shaking it lightly. You will hear a liquid sound inside if the cartridge is still useable.

Before replacing the cartridge, make sure that the gas valve is closed and that the burner is off and cold.

Dispose of the empty cartridge in a safe manner.

CAUTION:

The cover and mesh will become very hot during use. Allow to cool down before moving.



SAFE APPLIANCE LOCATIONS

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.

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

An enclosure with walls on all sides, but at least one permanent opening at ground level and no overhead cover (see Example 1).

Within a partial enclosure that includes an overhead cover and no more than two walls (see Example 2 & 3).

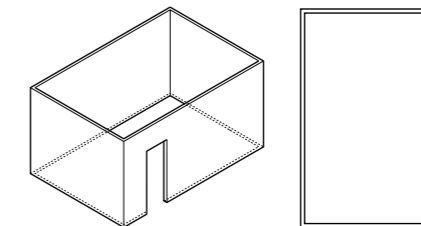
Within a partial enclosure that includes an overhead cover and more than two walls, the following will apply:

at least 25% of the total wall area is completely open, and at least 30% of the remaining wall area is open and unrestricted (see Example 4 & 5).

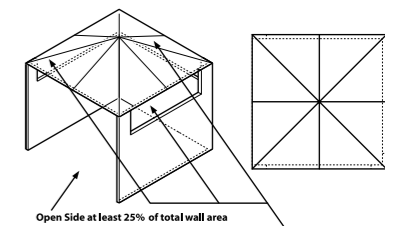
In the case of balconies, at least 20% of the total wall area shall be and remain open and unrestricted.

DIAGRAMMATIC REPRESENTATIONS OF OUTDOOR AREAS

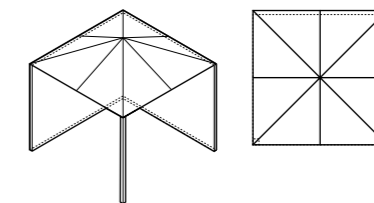
The following figures are diagrammatic representations of outdoor areas. Rectangular areas have been used in these figures – the same principles apply to any other shaped area.



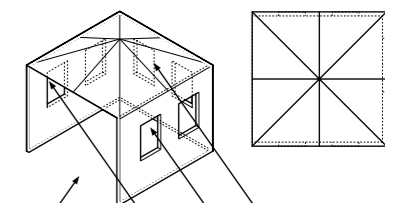
Outdoor Area - Example 1



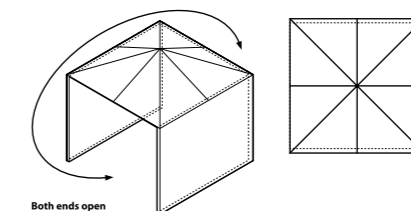
Outdoor Area - Example 4



Outdoor Area - Example 2



Outdoor Area - Example 5



Outdoor Area - Example 3