

Lighting Procedure:

1. Ensure that the quarter turn On/Off valve is in the closed position (see diagram).
2. Open the gas cylinder valve one full turn.
3. Open the quarter turn On/Off valve slightly to allow a small amount of gas to the burner, apply a lighted taper to the edge of beacon. Care should be taken to avoid any delay in opening the On/Off valve and applying the lighted taper in order to prevent a dangerous build up of unburned gas in the beacon bowl.
4. Once ignition has been established, the On/Off valve can be fully opened.

To turn off the beacon:

1. Close the gas cylinder valve first and allow the flame to die away.
2. Once the flame has extinguished, close the quarter turn On/Off valve and disconnect the regulator from the gas cylinder.
3. Allow the beacon to cool down fully before handling.

If the beacon is to be dismantled, ensure that all the gas sealing surfaces are protected from potential damaged during transit or storage.

Bullfinch

GAS BEACON No. 2410-01

For propane only at 37 mbar
Heat input 67 kW
Gas consumption 4.8 kg/h
Min. cylinder size 47 kg

Assembly and lighting instructions.

Important!
For Outdoor Use Only
Read these instructions before using the Beacon.

CAUTION: Beacon gets hot during use. Allow to cool before handling.

WARNING: This is flueless gas appliance, in order to prevent a dangerous build up of Carbon Monoxide the Gas Beacon must only be used outdoors.

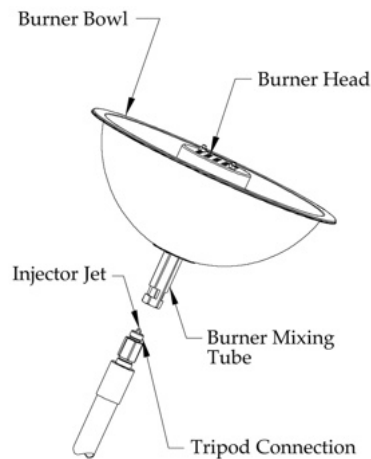
The gas beacon is a decorative flame appliance that can be used to enhance any event or occasion by providing a traditional method of illumination. A 47kg or two 19 kg cylinders of propane will be required to operate the beacon for approximately 1 hour. The beacon requires a flat area of 1320 mm diameter for erection plus space to place the propane gas cylinders, the tripod must be extended to a height of 2 metres to the lower edge of the burner head. The gas cylinders must stand upright and be secured to a suitable stable support.

Safety Notes:

This beacon must be assembled and operated by a competent person. Prior to assembly, inspect the hose to ensure that it is undamaged, replace the hose if it chafed or damaged. Note: Hose that is marked BS 3212-2 should be changed every five years from date of fitment regardless of condition.

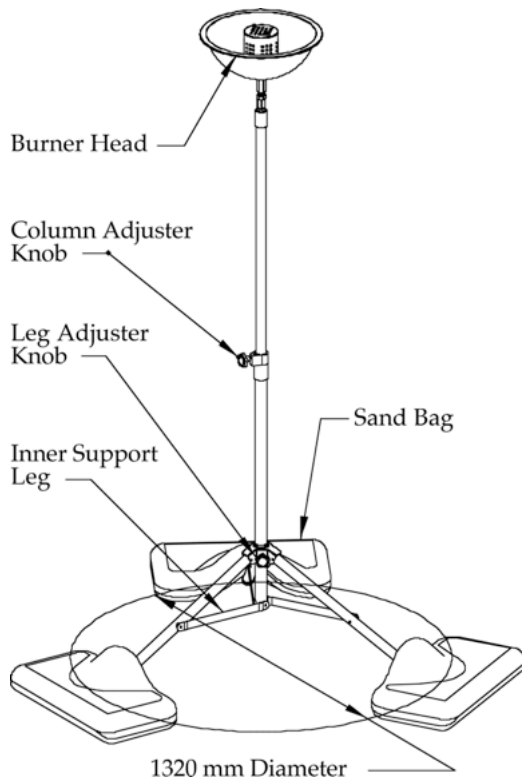
- A local risk assessment must be carried out by the event organisers in order to ensure the safety of the general public, spectators and persons taking part in the event, as well as the site chosen to erect the beacon.
- The beacon must be sited at least 3 metres from and ignitable source such as trees, shrubbery, wooden fencing, tents and awnings or any overhanging canopy.
- Gas cylinders should be sited as far away as possible from the Beacon.

- When lit, the beacon must be monitored at all times. A spectator exclusion zone of 10 metres must be maintained to prevent the beacon being accidentally toppled over.
- Check to ensure the gas connections are leak free, following the procedure detailed in the section "Check for Gas Leaks".
- In the event of a fire or emergency try to turn off the On/Off valve by the regulator first, then if possible turn off the cylinder valves. Remove the cylinders from the immediate fire and extinguish the fire with a dry powder fire extinguisher. If this is too dangerous call the fire brigade and evacuate the area.



Assembly and setting up the Beacon:

Remove both the tripod and the burner bowl from their respective packaging and remove any protective covering from the tripod connection. Screw the whole burner head to the tripod connection spanner tight. Uncoil the hose taking care not to drag the regulator across the ground. Slacken off the leg adjuster knob and spread the legs until the inner support legs are horizontal (this is the maximum footprint position), tighten the adjuster to ensure good stability. Slacken the column adjuster knob and adjust the tripod to the correct height, taking care to feed the gas hose through the lower central column to prevent damage to the hose from edge of the tripod. Do not raise the central column beyond the red band around

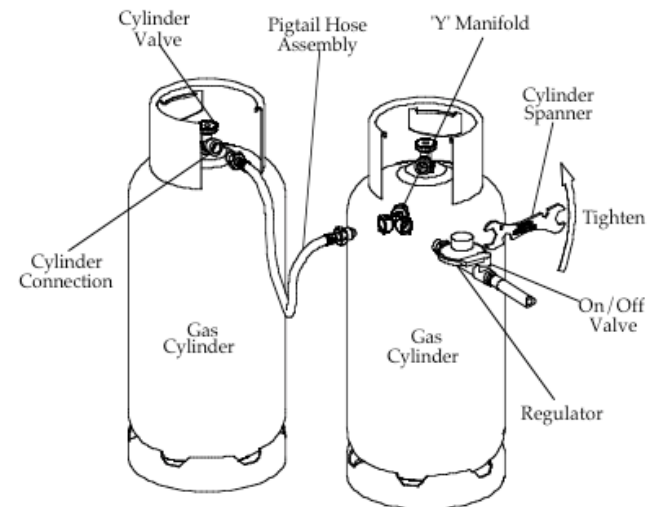
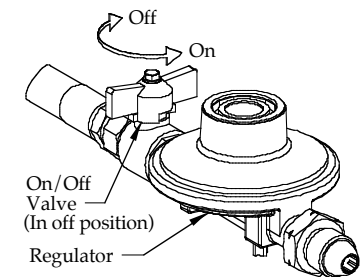


the column, secure in position by tightening the column adjuster knob. If the beacon is set to a height lower than this then the user will be required to fit a protective fire guard.

If the beacon is to be used on hard ground it is advisable to use sand bags to weigh down the tripod to prevent it from being accidentally tipped over, position sand bags as shown in the diagram and identify area as a potential trip hazard. On soft ground it is recommended that you use a ground anchor then secure the beacon using webbing straps or suitable rope.

Connection to the gas supply:

Connect the regulator to the gas cylinder and ensure that it is spanner tight, the connection has a left hand thread. At this point check the regulator joint is leak free, refer to "Check for gas leaks" in these instructions. If two 19 kg cylinders of gas are to be used, then a 'Y' manifold and a Pigtail hose assembly will be required and should be assembled as shown in the diagram.



Check for gas Leaks:

NEVER SEARCH FOR A GAS LEAK WITH A NAKED FLAME.

Ensure that the on/off valve (after the regulator) is in the off position (See Diagram). Open both cylinder valve slightly and using a leak detecting fluid, check that all connections are free from leaks. If a leak is detected at any time, turn off the cylinder valves and rectify the leak.

