

# OPERATING & SAFETY GUIDE

## GAS WATER BOILER



### GENERAL SAFETY

Contact Blue Sky Event Hire for information and advice on the suitability and safety of this type of equipment.

There is a risk of injury if you do not follow the instructions printed in this guide. This equipment should only be used by a competent adult who has read and understood these instructions.

Anyone with a temporary or permanent disability should seek expert advice before using the equipment.

Keep all children, animals and bystanders away from the work area. Ensure the floor of the work area is free from trip hazards and non-slip. Never use the equipment if you are ill, tired or under the influence of alcohol or drugs.

Check the equipment before use, if it shows signs of damage request a replacement.

Never carry or pull the boiler or gas cylinder by the supply hose.

Wear suitable clothing and footwear, tie back long hair. Never set up the heater near surfaces that might be damaged by heat.

Do not attempt to move the boiler while it is lit. Always turn off the gas at the cylinder, then at the heater control and allow it to cool. Always turn off the boiler when not in use. Never leave the heater turned on while unattended.

It is the hirer's responsibility to ensure all necessary precautions are taken to safeguard against the risk of fire and injury.

### HEALTH & SAFETY REGULATIONS

The use and storage of LPG cylinders is governed by specific regulations/legislation. Make sure you know and understand the regulations that apply and follow them. If in any doubt, contact an Event Furniture representative for advice.

### GAS SAFETY

Propane is highly flammable and heavier than air, this increases the risk of explosion.

Keep gas cylinders upright at all times, do not drop or knock them. Damaged cylinders can be dangerous.

Store gas cylinders in a secure, cool area; away from heat, possible ignition source and clear of drains or depressions where any leaked gas may collect.

Do not smoke or permit naked flames in the area when changing gas cylinders.

Handle gas cylinders and connectors with care. Carefully check the connections for leaks (the use of a proprietary leak detector is recommended).

**NEVER** test for leaks with a naked flame.

### GAS LEAKS

If a gas leak is suspected, inform everyone in the area, asking them to extinguish or turn off everything that may ignite the gas.

**DO NOT OPERATE ELECTRICAL SWITCHES, THEY MAY GENERATE SPARKS.**

If safe to do so, open any doors or windows, close cylinder valves and take cylinders into the open.

If a large amount of gas has escaped, evacuate the area and call the Fire Brigade, informing them that gas cylinders are involved and how many there are.

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Check that the connections are in good condition and free from dirt, oil and grease.

Before fitting the cylinder, make sure it is fully closed, then remove the screw-in plastic plug (left hand thread).

Make sure the appliance's gas control taps are in the off position, screw the regulator to the gas cylinder (left hand thread) and tighten with the spanner provided.

Check for leaks (see GAS SAFETY) and then site the cylinder in a safe position away from the appliance.

To avoid being scalded keep hands away from any steam from the lid. The boiler should **NEVER** be carried/moved whilst it contains water.

This boiler is intended for professional use by qualified people. Before using the boiler ensure the room is well ventilated and an openable window is available.

The boiler is not suitable for boiling liquids other than water. If making tea or coffee, prepare the drink in another container. A full 20 litre boiler will take approximately 45-59 minutes to boil from cold.

### **DO NOT FILL ABOVE THE MAX CAPACITY MARK**

#### Lighting the Boiler:

Position the boiler on a flat level surface, with 100mm clearance all around.

Fill the boiler with water, max 20litres. Never light the boiler when it is empty.

Turn on the gas supply at the cylinder. Apply a lighted match or taper to the flash tube "light here". Depress the button on the flame supervision device. After the burner has lit continue to depress the flame supervision device for 20 seconds until the flame is established.

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If the burner fails to remain alight, wait 3 minutes before attempting to re-light.

During use, keep the boiler water level topped up. Do not allow to boil dry.

After use, turn off the gas supply at the cylinder and allow the boiler to cool. Drain as much remaining water as possible using the boiler supply tap.

#### Cleaning:

Do not use any abrasive cleaning fluids or materials.

Wash out the boiler using clean water and a soft cloth.

Brush any scale or sediment from inside.

Rinse thoroughly.

The outer surface should be cleaned with a warm weak detergent solution and a soft cloth.