



USER GUIDE

PLEASE READ AND KEEP THESE INSTRUCTIONS

Burco Portable Gas Water Boiler 20L



INTRODUCTION

The appliance and its accessible parts become hot during use. Children less than 8 years of age shall be kept away unless continuously supervised. This appliance can be used by children aged from 8 years and above and persons with reduced physical sensory or mental capabilities or lack of experience and knowledge if they have been given supervision or instruction concerning the use of the appliance in a safe way and understand the hazards involved. Children shall not play with the appliance. Cleaning and user maintenance shall not be made by children without supervision.

European Directives

As a producer and a supplier of cooking appliances, we are committed to the protection of the environment and are in the compliance with the WEEE directive. All our electric products are labelled accordingly with the crossed out wheeled bin symbol. This indicates for disposal purposes at the end of life, that these products must be taken to a recognised collection point, such as local authority sites/recycling centres.

This appliance Complies with European Community Directives (CE) for household and similar electrical appliances and Gas appliances where applicable.

This appliance conforms to European Directive 2009/125/EC regarding Eco design requirements for energy-related products.

Specifications and technical data	
Model	Burco Portable Gas Water Boiler 20L
Depth (mm)	340 (excluding tap)
Width (mm)	340
Height (mm)	380 (excluding lid handle)
Weight empty (kg)	5
Weight full (kg)	25
Heat input high (kW)	3.15 kW \pm 8 %
Heat input low (kW)	1.00 kW
Injector	Stereomatic size 94
Pressure setting (mbar) I_{3p}	37

To ensure you obtain full benefits from your appliance;

- Remove all packaging.
- Check the appliance for damage. Report any damage immediately to the carrier or supplier.
- Remove any protective plastic coating.
- Any water in the appliance is due to testing and is normal.

INSTALLING YOUR APPLIANCE

LOCATION

- The appliance should be located on a flat, level surface that is adequate to support the weight when full of water. It should not be positioned closer than 100mm from the side walls. A minimum clearance of 300mm is required from a shelf or ceiling.
- The appliance is only to be installed in locations where its use and maintenance is restricted to trained personnel.
- Fixed ventilation and an openable window must be provided to the room in which the appliance is to be installed and used.
- This appliance is not suitable for installation in an area where a water jet could be used.
- Do not install in an area where the water within the appliance can freeze. If the water in the appliance becomes frozen DO NOT operate the appliance and call a service engineer to check the appliance for structural damage before using again.

INSTALLATION

- This appliance should only be installed by a GAS SAFE registered engineer.
- The installation should be in accordance with the current Gas Safety Installation and Use Regulations and the Health and Safety at Works Acts.
- The installations should comply with the relevant requirements of the British Standards BS6173, BS6891, BS5472 parts 1, 2, 3; BS5482 parts 1,2 and 3 and BS3212. If you smell gas or in the event of a leak or suspected leak, do NOT light any appliance or touch any electrical switch. Call the Gas Emergency Helpline at 0800 111999.
- Prior to installation, ensure that the local distribution conditions (Nature of Gas and Gas Pressure) and the adjustment of the appliance are compatible (the adjustment conditions are stated on the data plate).
- Parts that are protected by the manufacturer or their agent are not to be adjusted by the installer.

GAS CONNECTION

Portable GWB 20L

- The gas connection is made using flexible hose (8mm I.D.) complying with BS3212 1991 to either the bottle governor or the a tap fitted at the end of a rigid pipework assembly. The gas bottle or isolation tap, must be located close to the appliance so that it is possible to turn on the gas and light the appliance safely. Turn on the gas and check the installation for soundness.
- The appliance should be securely screwed down onto a flat surface. The gas connection is 8mm O.D. pipe and suitable compression fitting is required to complete the installation. Turn on the gas and check the installation for soundness.

Note: The Portable GWB 20L has a round hole in the base panel allowing finger access to block off the burner injector. This is necessary when completing a full soundness check, including the appliance's internal gas circuit. To do this, connect a pressure gauge to the pressure test point. Confirm the supply pressure is correct and then turn off the gas supply. Whilst blocking the injector, depress the control knob and turn to the large flame symbol. If the pressure remains constant, the appliance is sound.

If you smell gas or in the event of a leak or suspected leak, do NOT light any appliance or touch any electrical switch. Call the Gas Emergency Helpline at 0800 111999.

USING YOUR APPLIANCE

FOR YOUR SAFETY PORTABLE GWB 20L

- Hot combustion products exit the appliance via the 6 horizontal slots positioned at the sides and rear. Do not leave or place anything close to the appliance when in use. Not only would this create a potential fire hazard, it could also prevent the natural flow of air through the appliance, which is essential for good combustion.

BEFORE LIGHTING THE APPLIANCE

- The appliance is intended for professional use and only by qualified people.
- Make sure the room is well ventilated and an openable window is available.
- Wipe all external surfaces of your appliance with a damp cloth.

PORTABLE GWB 20L

- Depress the control knob and turn anti-clockwise to the large flame symbol.
- Continue to depress the control knob and at the same time push in the piezo ignition button. A spark will be generated and the burner will light. Several attempts may be necessary after initial installation.
- After 5 seconds release the control knob. The required setting can now be selected between the high and low settings.
- If the appliance fails to remain alight, wait 3 minutes before attempting to re-light.

HOW TO USE YOUR APPLIANCE

- Before first use, fill the appliance to the 'MAX' line with a weak detergent solution, boil, drain and thoroughly rinse with clean water. Repeat this step so the urn is cleaned twice.
- **IMPORTANT:** Always put water in the appliance before switching on. If the appliance is over-filled there is a risk that boiling water will be ejected from around the lid.
- Remove the lid and fill the appliance with the desired amount of water. Do not fill above the 'MAX' capacity mark.
- Replace the lid.
- A full capacity 20 litre appliance filled to the 'MAX' line will take approximately 45-50 minutes to boil from cold on the high setting.
- Do not leave the appliance unattended whilst in use.
- Do not allow the appliance to boil dry.
- The appliance should NOT be carried whilst it contains water, particularly hot or boiling water.
- The appliance is not suitable for heating liquids other than water, or for heating water containing solids. If the water is being heated for tea making, make the tea in another container.
- **TO AVOID BEING SCALDED, KEEP HANDS AWAY FROM ANY STEAM FROM THE LID WHEN THE APPLIANCE IS OPERATING OR HAS JUST BEEN SWITCHED OFF.**

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CLEANING AND MAINTAINING YOUR APPLIANCE

CLEANING

Water may be left in the appliance for a short period but to maintain a supply of fresh water, it should be emptied periodically and cleaned out.

- Turn off the gas before cleaning and allow the appliance to cool.
- **IMPORTANT** - Do not use any abrasive cleaning fluids or materials.
- Wash out the appliance 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.

NOTE: If in the course of time discolouration of the boiler pan occurs, this is in no way detrimental to the appliance, providing that the cleaning instructions have been carried out.

NOTE: THIS APPLIANCE IS NOT WATERPROOF.

WARNING : DO NOT USE A WATER JET SPRAY TO CLEAN THE INTERIOR OR EXTERIOR OF THE APPLIANCE, OR USE A WATER JET IN THE VICINITY OF THE APPLIANCE

DESCALING

In hard water areas, scale will form inside the appliance. This will adversely affect the operation of the appliance if allowed to accumulate. Descaling can be simply achieved by using a proprietary descaler. Chose one recommended for stainless steel kettles. It is important to follow the instructions given on the descaling solution carton. **IMPORTANT Failure to descale will invalidate your warranty.**

SERVICING

To ensure the long life of your appliance, we recommend servicing annually. If service is required, please contact us using the contact details at the back of this book.

- Before servicing, turn off and disconnect the gas supply. After servicing, check the appliance for soundness.

If you smell gas or in the event of a leak or suspected leak, do NOT light any appliance or touch any electrical switch. Call the Gas Emergency Helpline at 0800 111999.

SPARE PARTS AND WARRANTY

WARRANTY

This appliance is guaranteed against defective materials or faulty workmanship, for a period of 12 months on labour and 12 months on parts.

This warranty is given subject to the appliance being used in accordance with the instructions supplied, and on the supply voltage marked on the rating label. The warranty is subject to fair wear and tear conditions.

The warranty does not cover consequential damage arising out of any failure acceptable under warranty, nor does it cover damage resulting from misuse, accident or unauthorised alterations to the appliance.

Proof of purchase will be required.

In any communication with the supplier or manufacturer, quote the model and serial number marked on the appliance rating label.

This warranty does not affect your statutory rights.

The products are intended for commercial use as detailed in these instructions.

The Company has a policy of continuous improvement in product quality and design. The Company therefore reserves the right to change the specification at any time.

IMPORTANT: Any service call resulting from a lack of regular descaling is not covered by this warranty and will be chargeable



Glen Dimplex Heating and Ventilation
Millbrook House, Grange Drive, Hedge End,
Southampton SO30 2DF



Customer Care Centre: 0344 879 3470



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