

# Clarke<sup>TM</sup>

## GREENHOUSE HEATERS

Model Nos. GH1 & GH2



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## OPERATING INSTRUCTIONS

Thank you for purchasing this CLARKE Greenhouse Heater

Please read this leaflet thoroughly and follow the instructions carefully, in doing so you will ensure the safety of yourself and that of others around you, and you can look forward to the Heater giving you long and satisfactory service.

## GUARANTEE

This CLARKE product is guaranteed against faulty manufacture for a period of 12 months from the date of purchase. Please keep your receipt as proof of purchase. This guarantee is invalid if the product is found to have been abused or tampered with in any way, or not used for the purpose for which it was intended.

Faulty goods should be returned to their place of purchase, no product can be returned to us without prior permission.

This guarantee does not effect your statutory rights.

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# ASSEMBLY

Attach the the chimney/s to the top heater plate using the self-tapping screws provided.

## IMPORTANT:

**THIS HEATER IS FOR USE IN A GREENHOUSE ONLY, AND SHOULD NOT, UNDER ANY CIRCUMSTANCES BE USED IN A DWELLING, CONSERVATORY, WORKSHOP OR GARAGE**

## VENTILATION

Open the ventilators in the ridge of your greenhouse, away from the wind. Some ventilation is **very important** in a greenhouse, even on cold days and nights, otherwise the burner will be starved of oxygen and the flame will die down. Draughts of course must be avoided. Position the heater on a flat, level floor in such a place that accidental movement or knocking over would not be possible.

## HUMIDITY

If humidity is required in the greenhouse, place a pan or tray of water near the heater, and top-up as required. Humidity is more likely to be required in the Spring, Summer and Autumn than in the Winter. In wintertime, it is recommended that too much humidity should be avoided.

## SAFETY PRECAUTIONS

- **ALWAYS** use premium grade paraffin to BS 2869:C1 as this is the **ONLY** fuel suitable for safe use of your heater.
- **NEVER** attempt to fill or top-up your heater whilst it is lit and never move the heater when lit.
- **ALWAYS** Use a clean, dry receptacle (and funnel if used) for transferring paraffin from the main storage to the container and **ALWAYS** wipe any spillages from the outside of the container.
- **DO NOT** under any circumstances use a vessel that has previously contained water, petrol or methylated spirits to store your paraffin.

## HOW TO LIGHT AND MAINTAIN THE LAMP

Before lighting a new wick, or an old wick after a period of disuse, remove the wick from the burner(s) and ensure it is dry. This is most essential because if the wick is damp, the paraffin will not soak right up the wick evenly and the correct flame quality will not be achieved.

Re-fit the wick(s) and allow to soak well for about 30 minutes before lighting. If one end of the wick is coloured it is that end which should be fitted uppermost and lit.

Always make sure that the domed top of the burner is pressed securely in position, and that the complete burner is screwed firmly into the screwed collar on the oil tank.

in the case of **model GH2, both** wicks in the burner **MUST** be lit.

With the chimney removed, light the wick/s. When lit, replace the chimney and, looking through the view slots in the chimney, adjust the flame height to about ¼ inch above the brass dome of the burner.

As the burner warms up, the flame height will increase, so it is important to adjust the flame to a final height of about ½ inch - after 15 minutes or so.

Avoid the temptation to turn the wicks up too high thinking that a higher temperature will be the result.....this will not be the case and the extreme result will be that the wicks will give off excessive fumes and soot.

The appropriate heat will be achieved by setting the wicks as described above.

To extinguish the flames, use the extinguisher lever on the burner by pressing firmly downwards.

At no time whilst the heater is lit or just extinguished should the chimney or top be touched as it will be very hot and could inflict severe burns. The heater is designed to get hot in order to be an efficient form of greenhouse heating.

Before re-lighting the heater, pull the extinguisher lever back up to expose the wicks.

Always keep the burner perfectly clean, and remove any loose char that gathers on the burner and wicks. Do not use scissors to trim the wicks.

Maximum efficiency of your heater will be obtained by following these simple rules.

Always keep the container well supplied with paraffin to ensure that the wicks are well immersed, otherwise the wicks will be starved of paraffin and the flame will die down. Before bringing the heater into use at the beginning of a new season, always clean out and thoroughly dry the container.

## PARAFFIN

Remember to stock spare paraffin in a separate store.

## SPARE PARTS

The following parts are available from your Clarke dealer:

1. Eltex Wick (2pcs)..... BRES444
2. Brass Burner (single) ..... BRES821
3. Filler Cap ..... BRES000

For Spare Parts and Servicing, please contact your nearest dealer, or CLARKE International, on one of the following numbers.

**PARTS & SERVICE TEL: 020 8988 7400**

**PARTS & SERVICE FAX: 020 8558 3622**

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**Clarke** INTERNATIONAL

For spare parts and servicing, please contact your nearest dealer, or write to: Clarke International Ltd

**020 - 8988 - 7400**

e-mail: [Parts@clarkeinternational.com](mailto:Parts@clarkeinternational.com) e-mail: [Service@clarkeinternational.com](mailto:Service@clarkeinternational.com)