



# SPARGE WATER HEATER 40L

## INSTRUCTIONS



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# THANK YOU FOR CHOOSING THE GRAINFATHER SPARGE WATER HEATER 40L

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Get familiar with your equipment by following these quick and easy steps. We recommend reading the following safety information before use. Please also find enclosed, advice for cleaning and storing your Sparge Water Heater 40L.

## SAFETY INFORMATION

- Read all instructions carefully.
- Before use, check the rating label and make sure that the Sparge Water Heater voltage is fit for your outlet voltage.
- The earth terminal of the plug should be connected to the earth block of the power supply.
- Do not use the Sparge Water Heater if the cord or plug is damaged. If damaged, please replace before use.
- Switch the off button and the power outlet, before unplugging.
- Do not move the product while in use.
- Grasp the plug when you remove it. Do not pull the cord.
- Do not let the power cord hang over the edge of a table or counter.
- Do not operate the unit without water.
- Do not place near a gas cooker, electric burner, heated oven, or other fire sources.
- Keep the power cord and plug away from water.
- Unplug the power cord from the outlet and let the plug cool before cleaning.
- Switch the unit off and unplug the power cord after use.
- Do not use this appliance outdoors.
- Do not use this product with a power extension cord as an overload may occur.
- The appliance is only to be installed in locations where it can be overseen by trained personnel.
- Never leave the unit unattended while in operation.

**NOTE:** Not following the safety information above may void your warranty.

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## DIAGRAM

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## ASSEMBLY

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Before assembling this product, you will need a Phillips screwdriver.

### INSTALLING THE LID

1. Place the handle on the top of the lid.
2. Take the screw and thread on the stainless-steel washer then the silicone washer.
3. Using a Phillips screwdriver, tighten the screw through the hole in the lid and into the threaded hole in the handle.

### ASSEMBLING THE TAP

1. Remove the stainless-steel nut and rubber gasket from the ball valve tap. From the inside, put the taps threaded shank through the bottom hole on the Sparge Water Heater.
2. Place the silicone washer on the threaded shank on the inside of the Sparge Water Heater.
3. While holding the tap with one hand to ensure that you keep the tap facing the right direction, install the nut onto the threaded shank.
4. Tighten the nut to just beyond finger tight.
5. Test for leaks by filling the unit with enough water to cover the shank.

6. If there are leaks, ensure that the silicone washer is flat and centred on the shank.

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## HOW TO USE

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1. Remove the lid and fill the Sparge Water Heater with tap water. Do not fill past the 'max' level indicator on the inside of the unit.
  2. Replace the lid and plug the unit into a power socket.
  3. Press the 'on' switch. The heating light will illuminate and the water will begin to heat.
  4. Set the required temperature on the thermostat dial. Once the temperature has been reached, the 'keep warm' light will automatically switch on and the water will be kept at the specific temperature until required.  
**NOTE:** The thermostat has a hysteresis of 5°C (10°F), so it is important to have a thermometer to check the temperature and to make sure that the water is at 75°C (167°F).
  5. Use the tap to dispense the water.
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## HOW TO USE CONT.

- Always make sure that approx. 3 cups of water remain in the appliance to avoid it overheating.

**NOTE:** This device has a thermal cut off switch to prevent dry boil. If the element overheats, the thermostat will automatically turn off the machine. If you experience overheating, please wait a few minutes for the appliance to cool down and reset the temperature.

## INSTRUCTIONS FOR SAFE USE

- Do not remove the lid while boiling.
- Position the lid so that steam is directed away from the handle.
- Do not carry the Sparge Water Heater while it contains liquid.
- Do not overfill the product as boiling water may overflow.
- If the power supply cord is damaged, it must be replaced by the manufacturer or its service agent, or a qualified person to avoid a hazard.
- This appliance should not be used by children. Keep the product and its cord out of the reach of children.
- This product is not intended for use by persons with reduced physical, sensory or mental capabilities, or lack of experience and knowledge, unless they have been given supervision or instruction concerning the use of the appliance by a person responsible for their safety.

### IMPORTANT SAFEGUARDS:

#### READ AND FOLLOW ALL INSTRUCTIONS

- CAUTION** – Risk of fires and electric shock.
- Replace only with genuine Grainfather cord set.
  - Do not immerse in water.

- Do not use a high-pressure washer when cleaning. The product must not be immersed in water or liquid.

## ADVICE FOR CLEANING & STORAGE

- Always disconnect the appliance before cleaning.
- For the first clean, rinse with clean water to remove any dust and cardboard debris.
- After use, the appliance should be cleaned immediately. If the remnants of wort and malt appear on the surfaces, do not let these dry out as this will significantly complicate the cleaning process.
- All stainless-steel components can be cleaned using a conventional, unscented detergent. Abrasive agents and sponges/brushes could cause scratching, and are not suitable for use. Ideally, use a dish brush to clean the base of the unit.
- Clean the valve and all components.
- After cleaning, allow the product to air dry or use a towel.
- Do not store in a damp area as this could cause damage to the product.

## TECHNICAL SPECIFICATIONS

Volume: 40L

Voltage: 220V-240V (110V-120V US)

Power: 2300W (1500W US)

Frequency: 50Hz/60Hz

Dead space: 2.5L

SAVE ALL WARNINGS AND INSTRUCTIONS FOR FUTURE REFERENCE

FOR COMMERCIAL AND INDOOR USE ONLY



**RESOURCES:** Check out our YouTube Channel for helpful videos. For more information visit our FAQ's page [shop.grainfather.com/index.php/faq](http://shop.grainfather.com/index.php/faq).

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