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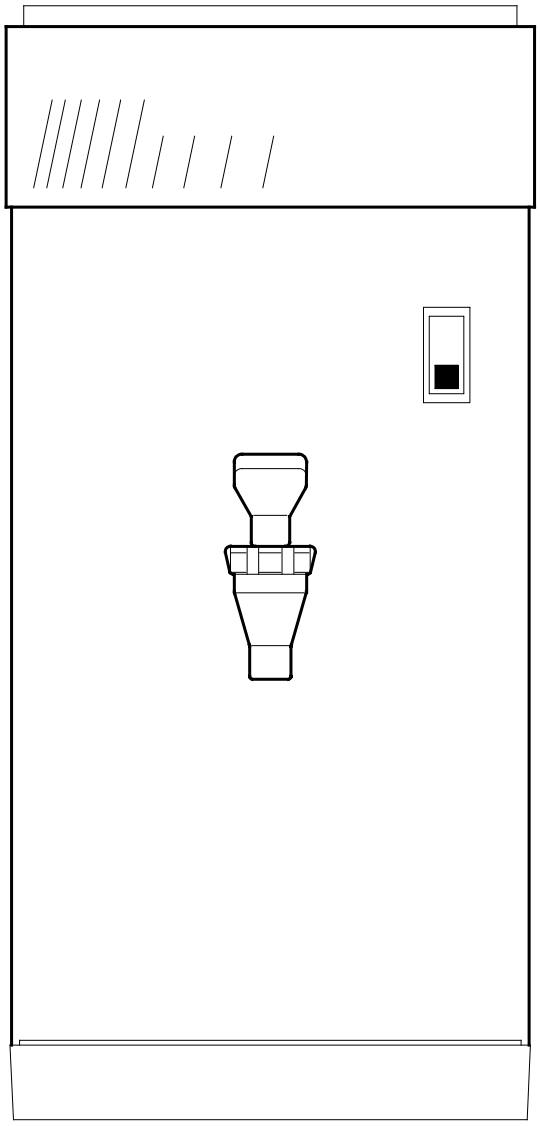
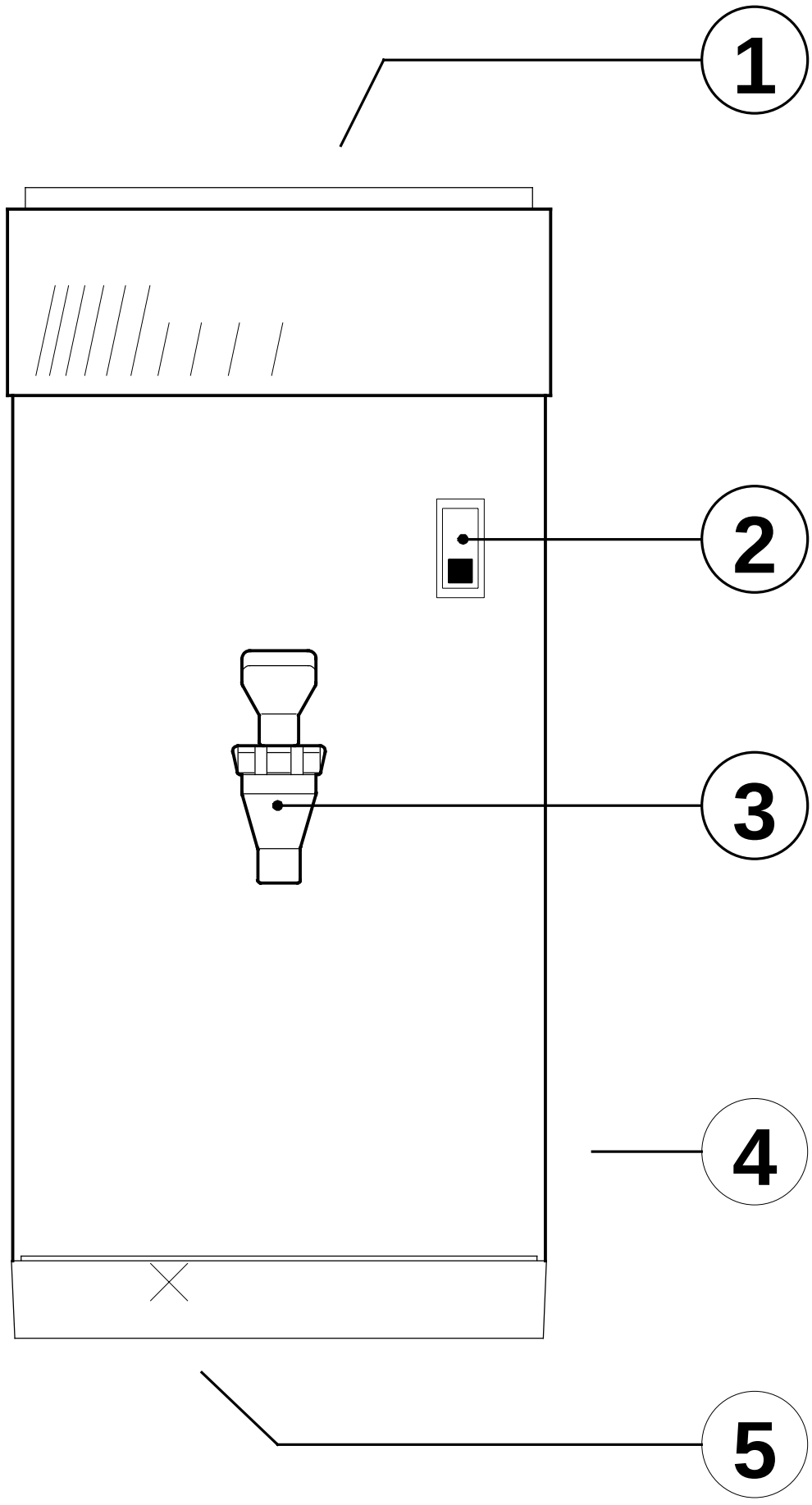
# Operating instructions GB

**HOT WATER BOILER**





# HW 10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# Operating instructions (English)

To operate this appliance properly and safely$_1$ read the following instructions carefully.

## *1.1 Introduction*

This appliance, model HW 10, is a simple water boiler. The cold water is poured into the kettle by hand.

When you push the on/off switch the water will heat. The signal-lamp in the switch will light up.

Figure 1 shows the main components and controls.

Figure 2 shows the appliance's dimensions.

**FIGURE 1:**

1. *Water supply inlet with funnel*
2. *On/off switch*
3. *Tap*
4. *Temperature setting*
5. *Electrical connection*

**THE APPLIANCE IS SUPPLIED WITH THE FOLLOWING ACCESSORIES:**

- Drip-tray
- Water boiler lid
- Screwdriver
- 1 sachet RENEGITE (descaler)

**TECHNICAL DATA**

| | |
|---|---|
| Model | : HW 10-001 |
| Water reservoir capacity | : 4.5 litre |
| Capacity | : 21 l/h |
| Discharge capacity | : 2 l/h |
| Cord length | : ca. 150 cm |
| Supply voltage | : 230 V~ |
| Rating | : 2080 W |
| Protection | : 15 A |

## 1.2 Warning!

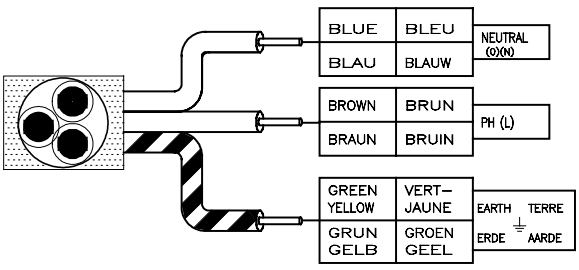
For safe operation of the water boiler, pay close attention to the following points:

1. When the appliance Is In operation, some components will get very hot.
2. If the appliance is unused for a long period of time, it is advisable to disconnect the electrical supply.
3. Under normal circumstances, a small quantity of water always remains in the appliance: please keep this in mind if it is to be exposed to temperatures below 0 °C.
4. Stay with the appliance during maintenance operations (such as descaling).
5. When working with strong cleaning or descaling agents, it is most advisable to wear safety goggles (face protector) and gloves.
6. After working with strong cleaning or descaling agents, be sure to wash your hands.
7. Never immerse the appliance in water.
8. Make sure that all repairs are carried out by qualified technicians.
9. When the appliance has to be opened for repairs or maintenance, be sure to disconnect the electricity.
10. The appliance must always be connected to the mains in such a way that it can be easily disconnected.
11. The appliance must be earthed.
12. Be sure to observe local regulations and standards when installing the appliance.
13. Prevent spillage of the descaler solution on to the outside of the machine, this can cause permanent damage to the exterior surface of the machine housing. In the event of a spillage, wipe area affected dry, whilst observing the safety regulations as given in the Users Instructions.

## 1.3 Installation and initial operating procedure

**INSTALLATION**

When installing the appliance, keep the instructions given above (points 10 through 12) in mind. Position the appliance on a solid level base where it can be easily connected to the electrical mains.




(230V 1 phase with plug connection)

Fig. 3

Please take note of the following in regard to figure 3:

- If equipped with a fuse plug, the appliance must be protected with a 13 A fuse. If another plug is installed, the appliance must be protected with a 15 A fuse.
- If the plug supplied with the appliance does not fit into your socket, it should be cut off and replaced with a new plug. The old plug should then be disposed of, as it can be dangerous if inserted into a socket.

Keep the following instructions in mind when installing a new plug:

– The yellow-green core (earth) must be connected to the terminal marked with the letter E or the earth symbol (⏚) or coloured green or yellow-green.
– The blue core (neutral) must be connected to the terminal marked with the letter N or coloured black.

The remaining brown core (live) must be connected to the terminal marked with the letter L or coloured red.

**IMPORTANT !**

The triple-core supply cord in fig. 3 is colour-coded as follows:

| | | |
|---|---|---|
| Green and yellow | - | earth |
| Blue | - | neutral |
| Brown | - | live |

**INITIAL OPERATING PROCEDURE**

The following procedure is to be carried out when operating a new appliance for the first time:

1. Remove the funnel.
2. Clean the inside of the kettle as thoroughly as possible either with a damp cloth or by rinsing with hot water.
3. Replace the funnel.
4. Pour ca. 4.5 litres water into the funnel.
5. When the water is hot, draw off as much of it as possible via the tap and dispose of it.
6. Then refill the funnel with cold water to ca. 3 cm under the brim.

The appliance is now ready for normal use.

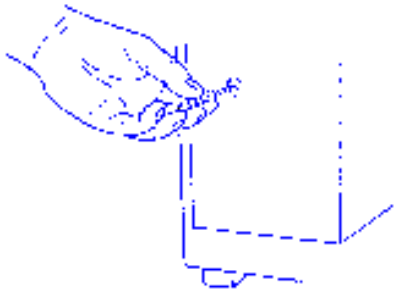


Fig. 4

**ADJUSTMENT**

The temperature of the water in the reservoir can be adjusted. The temperature can be set on the right side of the machine (fig. 4) by means of the screwdriver supplied.

– Turn the screwdriver tot the right to increase the temperature.
– Turn the screwdriver tot the left to decrease the temperature.

**WARNINGS FOR THE ADJUSTING!**

When adjusting our machines the following rules must be observed:

1. When adjusting the water temperature ensure that the water within the machine does not reach boiling.
2. The supplier is not liable for any negative effect caused by a changed adjustment of the machine.

## *1.4 Operation*

Set switch 3 (fig. 1) in the on position, the switch light will go on. The element will now heat the water to ca. 95 °C. via the tap and the water can be drawn off via the tap.

When no more hot water can then be drawn off via the tap, the kettle should be topped up again to ca. 3 cm under the brim of the funnel.

## *1.5 Maintenance*

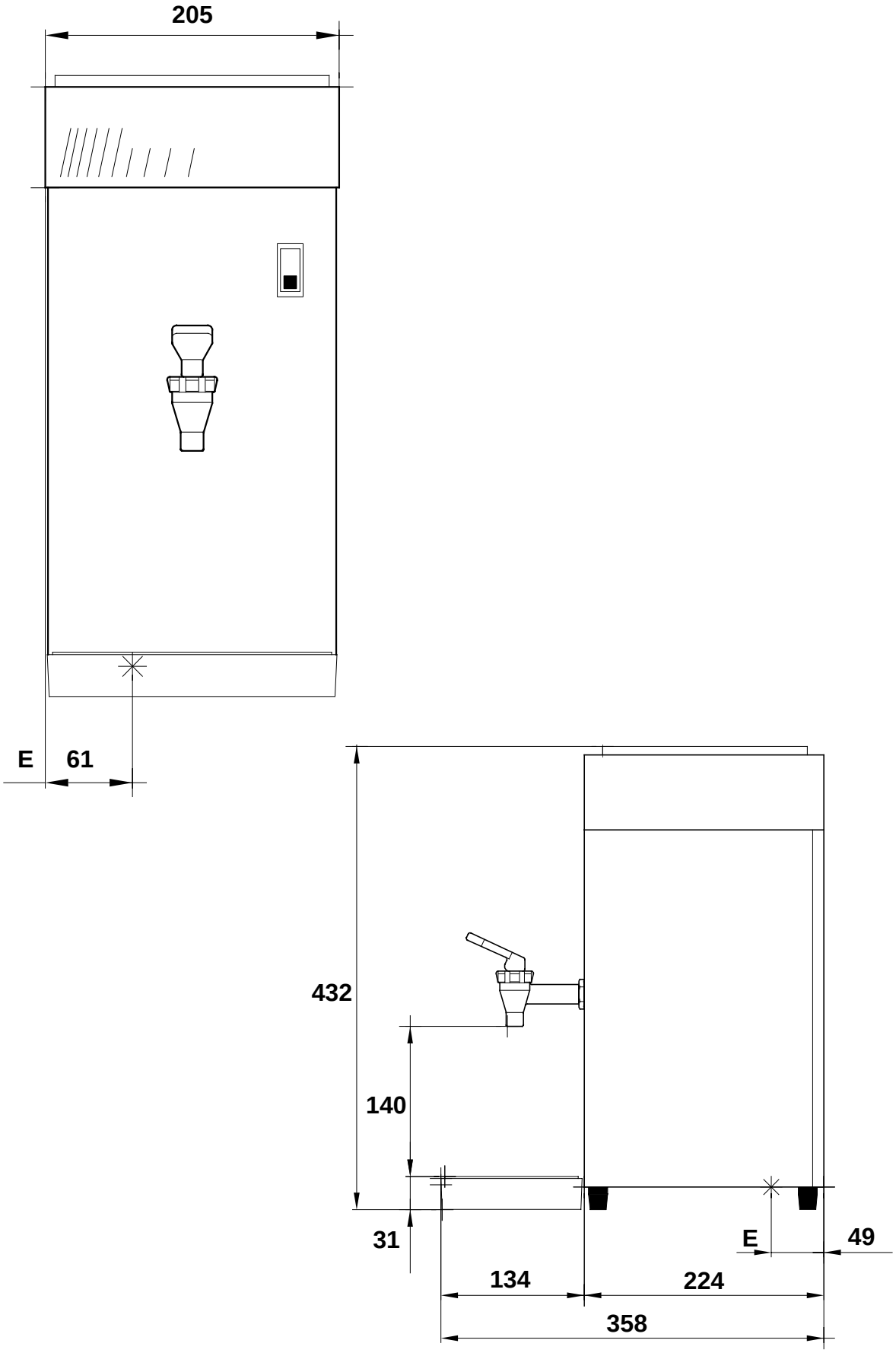
**WARNING!**
Always stay with the appliance during maintenance tasks (such as descaling or cleaning) and keep the instructions given in the Introduction (points 4 through 9 and 13) in mind.

**CLEANING**
The water boiler can be cleaned with a damp cloth. The drip tray, etc., can be washed in the usual way.

**DESCALING**
Under normal operating circumstances, calcium deposits will appear in the appliance. The appliance must be regularly descaled in order to function properly, at least once every 6 months. We advise for this purpose RENEGITE, a descaling agent which we have tested ourselves. The following instructions are based on the use of 100 gr. of RENEGITE (read the instructions on the packet as well.)
The descaling procedure is as follows:

1. If the appliance is on it must be switched off and as much hot water as possible drawn off via the tap. Cool the appliance by refilling it with cold water.
2. Remove the plug from the socket.
3. When the appliance has cooled down, remove the funnel from the kettle.
4. Empty the kettle of water by tilting the appliance.
5. Dissolve 100 gr. descaler in ca. 2 litres lukewarm water.
6. Pour the solution carefully into the hot water kettle. (Do not replace the funnel)
7. Now replace the plug in the socket, switch on the appliance and wait ca. 10 minutes.
8. Then replace the funnel in the kettle and fill up to ca. 3 cm from the brim.
9. Draw off a cup of descaler solution three or four times a minute via the hot water tap and pour it into the funnel again. (Thus giving this a good descaling too.)
10. Then switch the appliance off again and remove the plug from the socket.
11. Now draw off as much solution as possible via the tap and cool the kettle by refilling it with cold water.
12. Draw off as much solution as possible via the tap.
13. Remove the funnel again and pour the remaining descaler solution out of the kettle. CAUTION Wear good protective gloves.
14. Now pour ca. 5 litres water into the reservoir (do not allow it to overflow).
15. Draw off as much water as possible via the normal hot water tap and dispose of it.
16. Pour the rest of the water out of the kettle.
17. Repeat operations 14, 15 and 16 at least twice.
18. Rinse the funnel well a few times with hot water before replacing it in the kettle.
19. Now fill the appliance again with cold water up to ca. 3 cm from the funnel brim. The appliance is now ready for normal use.

(SUBJECT TO MODIFICATION)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