

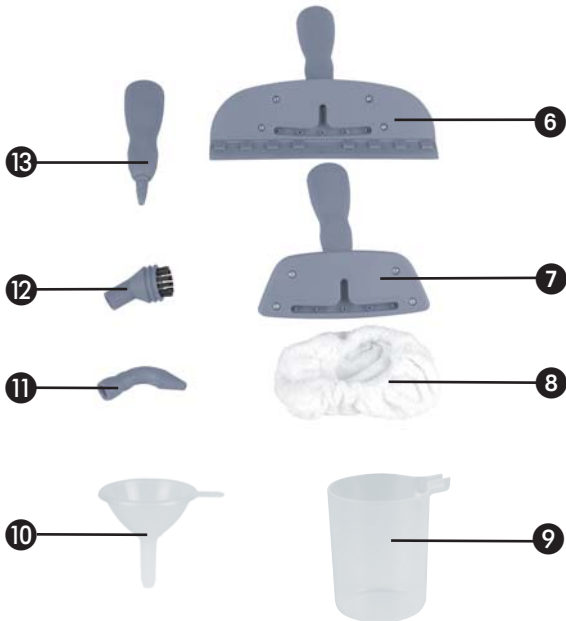
Lervia

KH 2323

GB *Hand Steam Cleaner*
Operating Manual







1. Intended Use

This device is **intended** for household use for the removal of dirt and stains using steam, for example ...

- **smooth surfaces:** work surfaces, tiles, stove tiles, windows, mirrors
- hard-to-reach areas: corners, joints, louvers, WC, fittings, etc.
- textiles: curtains, pillows, clothing, car seats.

This device is **not intended:**

- for use outdoors
- for use with liquids other than water
- for use in commercial or industrial environments.

2. Technical Data

Power supply :230 V / 50 Hz

Power consumption : .900 W

Water boiler :410 ml

Steam pressure :max. 4,3 bar

Steam output :approx. 40g/min.

Weight :approx. 1.55 kg

Dimensions (mm) :approx. 290x140x210

3. Device Description and Accessories

- ① Boiler
- ② Lid
- ③ Steam switch
- ④ Indicator light
- ⑤ Connection nozzle
- ⑥ **Window attachment:** For cleaning and stripping of glass and mirrors.
- ⑦ **Surface nozzle:** For smooth surfaces, pillows, textiles.
- ⑧ **Textile cover:** For surface nozzle, for wiping smooth surfaces.
- ⑨ **Measuring cup (160 ml):** For measuring the maximum filling amount.
- ⑩ **Filling funnel:** For filling the boiler cleanly with water.
- ⑪ **Angle nozzle:** For turning the stream of steam, e.g. upward or to reach covered areas. You can connect the angle nozzle either directly to the boiler in front or via the extension element.
- ⑫ **Round brush:** For scrubbing firmly caked dirt. You can connect the round brush either directly to the boiler in front or via the extension element.
- ⑬ **Point stream nozzle:** For cleaning of hard-to-reach areas. You can also use the point stream nozzle as an **extension element** by connecting the round brush or angle nozzle to the front of the point stream nozzle.

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Keep these instructions for reference and include them when passing the device on to another party!

4. Safety Instructions

To avoid life-threatening electric shocks:

- **Make certain that the power cord does not become wet or moist during operation.** Run it such that it cannot be crushed or damaged.
- **If the power cord or the power plug are damaged,** have these replaced by the customer service before continuing to use the device.
- **First pull the plug out of the power socket** before filling the device with water or changing accessory parts.
- **Only use the device in dry rooms,** not outdoors.
- **Only fill the device with the supplied measuring cup!** Never hold it under running water. Never submerge the device in water.
- **Never leave a heat-generating device unattended!** After use or during work pauses, always pull the plug out of the power socket. The device heats up and generates steam pressure as long as the plug is in the power socket!
- **Only use the device with dry hands and never without shoes** (not bare-foot). This reduces contact of hot liquid or steam with the body in the event of an error.

To prevent fire hazards and the risk of injury:

- **Never direct the steam toward people or animals.** Hot, high pressure steam can cause serious injuries!
- **Caution - heat! High temperatures should be expected at the steam exit and lid threads** during operation and up to 30 minutes approx. after unplugging the power cord. Do not touch these areas until they have cooled down completely.
- **Only fill the device with clear water** – never use other liquids or any additives! These can react in unexpected ways under pressure and heat!
-  **Risk of scalding!**
Never open the lid while pressure exists within the boiler (e.g. if hissing can still be heard when pressing the steam switch). Otherwise, hot steam can escape rapidly upon opening!
- **Do not operate the device with an empty tank.** If the water reserve is used up, unplug the power cord to prevent overheating.
- **Let the accessories cool** before removing them.
- **Only use the original accessory parts for this device.** Other parts may not be sufficiently safe.
- **Never let children or elderly persons work with the device unattended** as they may not always properly appreciate the possible hazards.
- **Wear gloves, protective glasses and breathing protection when attempting to remove substances hazardous to health.**

5. Operation

First test on a less visible area whether the material to be cleaned is suitable for high pressure steam, for instance:

- **Painted wood or leather** can be bleached by steam.
- **Unprotected wood** can swell.
- **Protective wax coatings** can be removed by steam.
- **Plastics** can be melted by steam.
- **Soft plastics** can deform when exposed to steam.
- **Cold glass or mirror surfaces** can **snap** when encountering hot steam. If you wish to clean windows, you must first preheat them, for instance by applying the steam over large areas from a greater distance, then moving it progressively closer.
- **Acrylic, velvit and linen** react sensitively to hot steam, as do plastic fibres.

a) Attaching / Removing Accessories

Warning: Make certain that the power cord is unplugged before attaching or removing accessories. Attached accessories can still be **hot** after prior operation!

- ⇒ Select the accessory appropriate for the intended cleaning (**6-8** , **11-13**) according to the description in Section 3.
- ⇒ Slide the accessory onto the front connection nozzle and turn it 1/4 turn ...
 - **clockwise** to lock it (**turn tight**),
 - **counter-clockwise** to **remove** it.

b) Filling and refilling with Water

Warning: Before refill water:

- Let the device cool down, otherwise there is a risk of scalding.
- Unplug the power cord, otherwise there is a risk of electrical shock.

Note: The device is equipped with a safety mechanism that prevents opening of the lid **2** as long as steam is present in the boiler.

- ⇒ Pull the power plug out of the socket.
- ⇒ Press the steam switch **3** until the steam has been completely released from the boiler.
- ⇒ Unscrew the **lid 2** on top of the boiler and lift it off.
- ⇒ Use the measuring cup **9** and funnel **10** to fill with a **maximum of 280 ml** of cold, clear water.

Caution: Do not overfill the device. Excessive pressure can result if too much water is added. The device could be damaged!

- ⇒ Screw the **lid 2** closed again by hand until tight.

c) Allowing the Device to Heat Up

When the boiler is filled with water and the lid **2** is firmly closed:

- ⇒ Place the device on a flat surface that will not tip and plug the power plug into the power socket.
- The red indicator light **4** lights up. After 3-4 min. the device is ready for use.

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d) Cleaning with Steam

Warning: Always hold the device upright during use – never tip the device at an angle greater than about 45 degrees (in any direction). Hot water could drip out and cause burns.

- ⇒ Direct the accessory toward the surface to be cleaned. ...
- First at a distance of about **20 cm**.
- ⇒ Press the **steam switch** ③, steam now flows from the nozzle.
- ⇒ You can now move as close to the surface being cleaned as the material permits.

6. Cleaning the Device

Danger: Do not open any part of the housing. There are no operating elements inside. An open housing can create the risk of a life-threatening electrical shock.

Before cleaning the device, ...

- ⇒ **First unplug the power cord** and ...
- ⇒ **Let the device cool.** This can take up to 30 minutes. approx.. **Caution** – the **lid threads** remain hot for some time, even after the rest of the device has already cooled.
- ⇒ **Remove deposits from the boiler** after about 10 - 15 uses. To do this, fill the boiler with clear water as described in 5.b). Then close the lid and shake the device forcefully.
- ⇒ Clean the outside surfaces and the power cord with a slightly damp wash cloth. Always dry the device well before using it again.
- ⇒ Do not use any cleansers, abrasives or solvents. These can damage the device.

7. Storage

- ⇒ **Let the device cool completely** before putting it away.
- ⇒ **Empty the tank after you have finished working with the device.** Bacteria may grow in the water remaining in the boiler – the bacteria may be blown into the air during the next use.
- ⇒ Store the device in a **dry location**.
- ⇒ Store the device in a place that is **inaccessible** to children and elderly persons. They may not properly appreciate the hazards involved with devices that generate heat.

8. Disposal

Care for the environment. If you wish to dispose of the device, dispose of it at a collection site for recycling of electronics.

9. Warranty & Service

The warranty conditions and the service address can be found on the enclosed sheet.

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