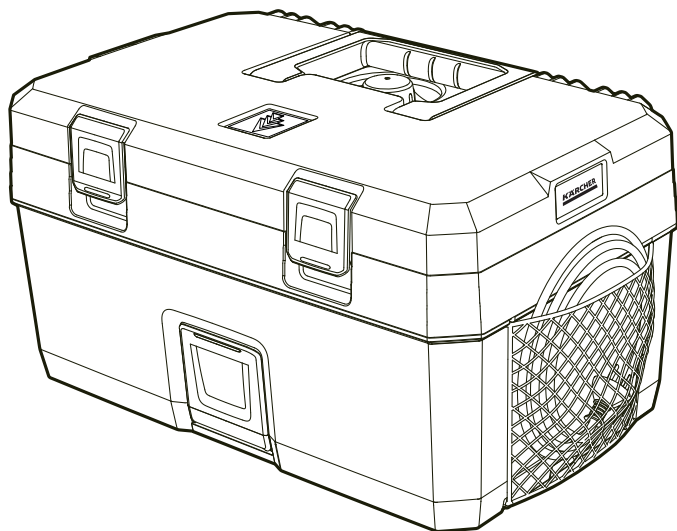


SG 4/2

English

9



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EAC



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General notes

Read these original instructions and the enclosed safety instructions before using the device for the first time. Act in accordance with them.

Keep both books for future reference or for future owners.

- If the operating instructions and safety instructions are not observed, the device can be damaged and dangers could arise for users and other persons.
- Notify the dealer immediately in the case of shipping damage.
- Check the package contents when unpacking for missing accessories or for damage.

Environmental protection

The packing materials can be recycled. Please dispose of packaging in accordance with the environmental regulations.

Electrical and electronic appliances contain valuable, recyclable materials and often components such as batteries, rechargeable batteries or oil, which - if handled or disposed of incorrectly - can pose a potential threat to human health and the environment. However, these components are required for the correct operation of the appliance. Appliances marked by this symbol are not allowed to be disposed of together with the household rubbish.



Notes on the content materials (REACH)

Current information on content materials can be found at: www.kaercher.com/REACH

Intended use

- The appliance is intended for cleaning with steam and can be used with appropriate accessories as described in these operating instructions.
- This device is suitable for commercial use.
- This device is not suitable for industrial use.

Symbols on the device

	Steam <i>ATTENTION - risk of scalding</i>
	<i>Risk of burns from hot surfaces!</i>

Overview of the device

Description of the device

Illustration A

- ① Storage position for spotlight nozzle
- ② Accessory compartment
- ③ Position of the manual nozzle in the accessory compartment
- ④ Position of the steam hose in the accessory compartment
- ⑤ Mains cable
- ⑥ Storage net for mains cable
- ⑦ Carrying handle (foldable)
- ⑧ Device cover
- ⑨ Device cover lock
- ⑩ Casing
- ⑪ Device socket cover
- ⑫ Type plate
- ⑬ Steam switch
- ⑭ Steam gun
- ⑮ Locking button
- ⑯ Lock (child lock)
- ⑰ Position of the steam gun in the accessory compartment
- ⑱ Control panel
- ⑲ Storage net for accessories
- ⑳ Reservoir cap
- ㉑ Fresh water tank (removable)
- ㉒ Safety lock (steam boiler)
- ㉓ Steam hose
- ㉔ Steam connector
- ㉕ Extension tube (special accessory)
- ㉖ Spotlight nozzle
- ㉗ Manual nozzle
- ㉘ Floor nozzle with slats (special accessory)
- ㉙ Floor cleaning cloth (special accessory)
- ㉚ Round brush (large) (special accessory)

- ① Flat nozzle
- ② Flat brush
- ③ Power nozzle
- ④ Round brush (small)
- ⑤ Microfibre cover cloth
- ⑥ Descaler

Control panel

Illustration B

- ① Indicator light - descaling (red)
- ② Indicator light - heating: Heating process (red), standby (green)
- ③ Reset button - descaling
- ④ Indicator light - water shortage (red)
- ⑤ Switch - mode: Steam operation (above), VAPOHY-DRO (below)
- ⑥ Switch - heating (on/off)

Safety devices

Safety devices protect the user and may not be disabled or functionally circumvented.

Pressure regulator

The pressure regulator keeps the boiler pressure as constant as possible during operation. The heating is switched off when the maximum operating pressure in the boiler has been reached and switched on again when the pressure in the boiler drops due to steam removal.

Water shortage thermostat

The heating temperature rises when the water in the boiler runs out. The water shortage thermostat switches the heating off and the "Water shortage" indicator light lights up red. The heating cannot be switched on again until the boiler has cooled down or is refilled.

Safety thermostat

- If the water shortage thermostat fails and the device overheats, the safety thermostat switches the device off.
- Before resetting of the safety thermostat, contact the responsible KÄRCHER Customer Service.

Safety lock

- The safety lock seals the steam boiler against the steam pressure present. If the pressure regulator is defective and overpressure occurs in the steam boiler, an pressure relief valve opens in the safety lock and steam escapes through the lock.
- Before re-commissioning the device, contact the responsible KÄRCHER Customer Service.

Cleaning methods

Freshening textiles

Always check the compatibility of the textiles at a concealed point before using the device on textiles: First steam the textile, allow it to dry and then check it for any change in colour or shape.

Cleaning of coated or painted surfaces

Wax, furniture polish, plastic coatings or paint can come off or stains may occur when cleaning painted or plastic-coated surfaces such as e.g. kitchen and living room furniture, doors, parquet or linoleum. To clean these surfaces, steam a cloth briefly and wipe it over the surfaces.

Glass cleaner

Preheat the window pane in seasons with particularly low temperatures. To do this, lightly steam the entire glass surface at a distance of approx. 50 cm. This avoids tension on the surface that can lead to glass breakage.

Initial startup

Installing accessories

1. Open the cover of the device socket and plug the steam connector tightly into the device.
2. Connect the accessory (floor nozzle, manual nozzle or spotlight nozzle) to the steam gun. Push the parts together until the locking button on the steam gun engages.
3. Use extension tubes (special accessories) if necessary. Push the parts together until the respective locking button engages.
4. Press the locking button to separate the accessories.

Filling water

Note

Do not fill with pure distilled water! Use a maximum of 50% distilled water mixed with tap water.

1. Unlock and open the device cover.
2. Check that the safety lock is seated tightly.
3. Remove the fresh water tank.

Illustration C

4. Open the reservoir cap of the fresh water tank.
5. Pour approximately 1.5 litres of tap water into the fresh water tank.

Do not use detergents!

6. Close the reservoir cap.
7. Fit the fresh water tank.
8. Close and lock the device cover.

Operation

Switching on the device

- The heating switches on periodically during use (indicator light lights up red) to maintain the pressure in the boiler.
- If the device is switched on without water, the "Heating" indicator light lights up red until the water shortage thermostat switches the heating off. The "Water shortage" indicator light then lights up red.

1. Plug the mains plug into a mains socket.
2. Unlock and open the device cover.

Note

The device cover must remain open during operation so that the indicator lights can be seen.

3. Switch on the device with the Heating switch. The indicator light lights up red.

Note

The full heating capacity is only available if the steam connector is connected to the device when it is heating up. The system is ready for operation. when the "Heating" indicator light lights up green.

- Switch off the heating at the switch when transporting the device.
- Press the steam switch, steam comes out. Always point the steam gun at a cloth first until the steam flows out evenly.

VAPOHYDRO

- In wet areas, the dirt can also be washed away instead of being picked up with the cloth. To do this, use the VAPOHYDRO mode to maintain a high level of moisture in the steam jet. A hot water stream is emitted, which has the greatest rinsing effect.
- We recommend using the VAPOHYDRO in conjunction with the spotlight nozzle for e.g. cleaning in the bathroom.
- When working with cloths (floor nozzle, manual nozzle), use the steam operation mode to maintain a low level of moisture in the steam jet. This improves the dirt-dissolving power of the steam.

Note

In VAPOHYDRO mode, the boiler empties faster, which means that it can only be used for a short time.

- Switch the VAPOHYDRO on/off with the Mode switch.

Refilling water

Note

The "Water shortage" indicator light lights up red when the water in the fresh water tank is used up.

Note

If the pump does not deliver water despite a full fresh water tank, the boiler must be descaled.

- Remove the fresh water tank.
- Open the reservoir cap of the fresh water tank.
- Pour approximately 1.5 litres of tap water into the fresh water tank.
- Close the reservoir cap.
- Insert the fresh water tank, the "Water shortage" indicator light goes out. The "Heating" indicator light lights up red and after the end of the heating process green, the system is then ready for operation.

Disconnecting accessories

⚠ DANGER

Danger from hot water

Risk of scalding

Never disconnect accessories while steam is being released as hot water may drip out. Allow the device to cool down first.

Switching off the device

- Switch off the heater via the Heating switch.
- Close and lock the device cover.
- Fold down the cover of the device socket and pull the steam connector out of the device.
- Pull the mains plug out of the socket.

Storing the device

Note

Always let the brushes cool down to prevent deformation of the bristles.

- Unlock and open the device cover.
- Remove the fresh water tank, open the reservoir cap, pour out the water, close the reservoir cap and reinsert the fresh water tank.

Illustration D

- Latch the spotlight nozzle into the storage position in the device cover.

- Place the steam gun with steam hose, manual nozzle and small parts in the accessory compartment.
- Close and lock the device cover.
- Store the mains cable in the storage net.

Using accessories

Note

Detergent residues or care emulsions on the surface to be cleaned can cause streaks during steam cleaning, but these disappear after repeated use.

Steam gun

Application examples for the steam gun without accessories:

- Eliminate odours and creases from hanging clothes by steaming them at a distance of 10-20 cm.
- Damp dusting by briefly steaming a cloth and wiping it over furniture.

Spotlight nozzle

- The cleaning effect increases the closer the nozzle is held to the dirty area, since the temperature and pressure of the steam are greatest at the emission point.
- The spotlight nozzle with the various attachments is suitable for cleaning hard-to-reach areas, such as e.g. corners, joints, etc., blinds, central heating, toilets, stainless steel, windows, mirrors, fittings, coated and enamelled surfaces and for loosening stains.
- The power nozzle increases the speed of the emitted steam. It is therefore well suited for cleaning particularly stubborn dirt, blowing out corners, joints, etc.

Note

The round brush is not suitable for cleaning sensitive surfaces.

Floor nozzle

Floor nozzle with slats (special accessory)

- For hygienic cleaning of smooth surfaces, as the surface temperature is higher.
- For a hygienic cleaning result, steam directly over the hard surface at a working speed of max. 30 cm / second.

Using the floor cleaning cloth (special accessory)

Turn and change the floor cleaning cloth regularly to improve dirt absorption.

- Fasten the floor cleaning cloth to the floor nozzle. To do this, fold the floor cleaning cloth lengthways and place the floor nozzle on it, open the retaining clips, place the ends of the cloth in the openings and stretch tightly, close the retaining clips.

⚠ CAUTION

Danger from retaining clips

Risk of crushing

Do not put your fingers between the retaining clips.

Manual nozzle

Suitable for small washable surfaces, shower cubicles, mirrors or furniture fabrics.

- Pull the microfibre cover cloth over the manual nozzle.

Window nozzle (special accessory)

Order number 2.863-025.0

1. Steam the glass surface evenly at a distance of approx. 20 cm.
2. Switch off the steam supply.
3. Pull off the glass surface in strips from top to bottom with the squeegee.
4. Wipe the squeegee and the lower edge of the window dry after each run.

Textile care nozzle (special accessory)

Order number 2.863-233.0

For freshening hanging textiles e.g. jackets or curtains with two functions:

- De-linting garments with the thread lifter.
- Steaming and removing creases from textiles (also removes odours).

Note

Steam flows out when the steam switch is activated. Always point the steam gun at a cloth first until the steam flows out evenly.

Transport

⚠ CAUTION

Failure to observe the weight

Risk of injury and damage

Be aware of the weight of the device during transportation.

1. Carry the device by the carrying handle and extension tube (special accessory).
2. When transporting the device in vehicles, secure it to prevent it from slipping or overturning in accordance with the respective valid guidelines.

Storage

⚠ CAUTION

Failure to observe the weight

Risk of injury and damage

Be aware of the weight of the device during storage. The device may only be operated indoors.

Care and maintenance

⚠ DANGER

Danger of electric shock

Injuries due to touching live parts

Switch off the device.

Remove the mains plug.

⚠ DANGER

Danger from hot water, steam and hot surfaces

Risk of scalding and burns

Allow the device to cool down prior to all work on the device.

Rinsing the boiler

Rinse the steam cleaner boiler at the latest after every 5th filling of the boiler.

1. Remove the accessories from the accessory compartment.
2. Disconnect the steam hose from the device.
3. Fill the steam boiler with water and shake it vigorously. Lime residue which has been deposited on the bottom of the steam boiler will be released as a result.
4. Pour out the water.

Illustration E

Descaling the boiler

In order to remove lime adhering to the boiler wall, we recommend cleaning the boiler with the KÄRCHER Bio Descaler RM 511. The KÄRCHER Bio Descaler RM 511 is a citric acid-based product that is completely biodegradable.

ATTENTION

Danger from unsuitable descaler

Risk of damage

Only use descalers that have been approved by KÄRCHER in order to prevent damage to the device. Do not use vinegar or similar agents.

ATTENTION

Danger from descaling solution

Risk of damage

Never fill the descaling solution into the fresh water tank, as this will damage the pump.

1. Pull the mains plug out of the socket.
2. Unscrew the safety lock and completely empty the water from the steam boiler.
3. Completely dissolve a bag of descaler in 0.5 litres of warm water, stirring constantly.
4. Pour the descaling solution into the kettle. Do not screw the safety lock onto the device during the descaling process.

⚠ DANGER

Danger from inhalation of aerosols

Health risk

Do not use the device while descaler is still present in the boiler.

5. Let the descaling solution work for approx. 8 hours (overnight).
6. Pour out the descaling solution. Rinse the boiler at least two more times with cold water to ensure that there are no more residues in the device. Insert the safety lock.
7. Unlock and open the device cover.
8. Switch on the device.
9. Press the reset button until the "Descaling" indicator light goes out. The device is now ready for use.

Note

After approx. 20 hours of operation, the "Descaling" indicator light indicates the next required descaling.

10. Close and lock the device cover.

Troubleshooting guide

⚠ DANGER

Danger of electric shock

Injuries due to touching live parts

Switch off the device.

Remove the mains plug.

⚠ DANGER

Danger from hot water, steam and hot surfaces

Risk of scalding and burns

Allow the device to cool down prior to all work on the device.

⚠ DANGER

Danger from improper repair work

Risk of injury and damage

ave repair work carried out by the authorised customer service only.

The "Water shortage" indicator light lights up red

1. Refill water.

The "Descaling" indicator light lights up red

1. Descale the device.

Customer Service department

If the malfunction cannot be corrected, the device must be checked by the Customer Service department.

Warranty

The warranty conditions issued by our relevant sales company apply in all countries. We shall remedy possible malfunctions on your appliance within the warranty period free of cost, provided that a material or manufacturing defect is the cause. In a warranty case, please contact your dealer (with the purchase receipt) or the next authorised customer service site.
(See overleaf for the address)

Accessories and spare parts

Only use original accessories and original spare parts. They ensure that the appliance will run fault-free and safely.

Information on accessories and spare parts can be found at www.kaercher.com.

Special accessories

Only special accessories approved by the manufacturer may be used.

Description	Order number
Bio descaler RM 511 (3x 100 g powder)	6.295-987.0
Cotton terry cloth kit	6.370-990.0
Extension tube for floor nozzle (2 pieces required)	4.127-024.0
Floor nozzle with slats	2.885-465.0
Textile care nozzle	2.863-233.0

Declaration of Conformity

EU Declaration of Conformity

We hereby declare that the machine described below complies with the relevant basic safety and health requirements in the EU Directives, both in its basic design and construction as well as in the version placed in circulation by us. This declaration is invalidated by any changes made to the machine that are not approved by us.

Product: Steam cleaner
Type: 1.092-xxx

Currently applicable EU Directives

2009/125/EC
2014/30/EU
2014/35/EU

Harmonised standards used

EN 55014-1: 2017 + A11: 2020
EN 55014-2: 2015
EN 60335-1
EN 60335-2-54
EN 61000-3-2: 2014
EN 61000-3-3: 2013
EN 62233: 2008

National standards used

TRD 801

The signatories act on behalf of and with the authority of the company management.



H. Jenner

Chairman of the Board of Management



S. Reiser

Director Regulatory Affairs & Certification

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Winnenden, 2020/10/01

Declaration of Conformity (UK)

We hereby declare that the product described below complies with the relevant provisions of the following UK Regulations, both in its basic design and construction as well as in the version put into circulation by us. This declaration shall cease to be valid if the product is modified without our prior approval.

Product: Steam cleaner

Type: 1.092-xxx

Currently applicable UK Regulations

S.I. 2010/2617 (as amended)
S.I. 2016/1091 (as amended)
S.I. 2016/1101 (as amended)

Designated standards used

EN 55014-1: 2017 + A11: 2020
EN 55014-2: 2015
EN 60335-1
EN 60335-2-54
EN 61000-3-2: 2014
EN 61000-3-3: 2013
EN 62233: 2008

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Winnenden, 2020/10/01

Technical data

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Electrical connection

Mains voltage	V	220-240
Phase	~	1
Power frequency	Hz	50
Degree of protection		IPX4
Protection class		I
Heating capacity	W	2250
Pump power	W	50

Device performance data

Tank capacity	l	1,5
Boiler capacity	l	0,5
Maximum operating pressure	MPa (bar)	0,4 (4,0)
Maximum working temperature	°C	145
Heating-up time	min	3
Steam volume (max.)	g/min	50

Dimensions and weights

Typical operating weight	kg	7,5
Length x width x height	mm	460 x 298 x 265

Mains cable

Power cord type	mm ²	H05VV- F 3x1,0
Part number (EU)		6.647- 757.0
Part number (GB)		6.647- 831.0
Cable length	m	5

Subject to technical modifications.