



Please read and comply with these original instructions prior to the initial operation of your appliance and store them for later use or subsequent owners.

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Safety instructions

Before using the appliance for the first time, read and observe these operating instructions and the accompanying brochure: Safety information for brush cleaning units and spray-extraction units, 5.956-251.0

Hazard levels

⚠ DANGER

Pointer to immediate danger, which leads to severe injuries or death.

⚠ WARNING

Pointer to a possibly dangerous situation, which can lead to severe injuries or death.

⚠ CAUTION

Pointer to a possibly dangerous situation, which can lead to minor injuries.

ATTENTION

Pointer to a possibly dangerous situation, which can lead to property damage.

Function

The scrubbing vacuum cleaner is used for the wet cleaning of level floors. A working width of 300 mm and a capacity of 4 l each of the fresh and dirt water reservoirs enable an effective cleaning of smaller surfaces.

The power supply operation allows a high capacity without a restriction of the working time.

Note:

The appliance can be equipped with various accessories depending on the cleaning task.

Please request our catalogue or visit us on the Internet at www.kaercher.com.

Proper use

Use this appliance only as directed in these operating instructions.

- The appliance may only be used for the cleaning of hard surfaces that are not sensitive to moisture and polishing operations.
The application temperature ranges from +5°C to +40°C.
- The appliance is not suited for the cleaning of frozen grounds (e.g. in cold stores).
- The appliance may only be equipped with original accessories and spare parts.
- The appliance was designed for the cleaning of floors inside or of covered surfaces.
- The appliance is not intended for the cleaning of public traffic routes.
- The appliance is not suited for the use in potentially explosive environments.

Environmental protection



The packaging materials are recyclable. Please do not throw packaging in the domestic waste but pass it on for recycling.



Old units contain valuable recyclable materials. Batteries, oil and similar substances may not be released into the environment. Therefore please dispose of old units through suitable collection systems.

Notes about the ingredients (REACH)

You will find current information about the ingredients at:

www.kaercher.com/REACH

Control elements

Figure 1, see cover page

- 1 Handle
- 2 Water pump switch
- 3 Main switch for brushing/vacuuming operations
- 4 Carrying handle
- 5 Support bow in waste water tank
- 6 waste water tank
- 7 Fresh water tank
- 8 Fresh water tank lock
- 9 Sieve
- 10 Cleaning head
- 11 Vacuum bar lift pedal
- 12 Release, park position
- 13 Suction tube
- 14 Suction tube connection
- 15 Suction nozzle (BR 30/4 C Adv only)
- 16 Brush roller
- 17 Vacuum bar
- 18 Unlocking button for the changeable brush
- 19 Cover waste water tank
- 20 Lock
- 21 Filling level display
- 22 Cable hook, rotating
- 23 Mains cable with mains plug
- 24 Suction tube handle (BR 30/4 C Adv only)

Colour coding

- The operating elements for the cleaning process are yellow.
- The controls for the maintenance and service are light gray.

Initial Start-Up

Figure 2, see cover page

- ➔ Insert tube into the opening of the appliance at the end of the handle.
- ➔ Press down and slide the handle into the appliance until it clicks.
- ➔ Align the cable in the appliance and attach the lid as shown on the supplement sheet.

Operation

Fill fresh water reservoir

⚠ CAUTION

Risk of damage. Only use the recommended detergents. With other detergents, the operator bears the increased risk regarding the operational safety, risk of accident and reduced service life of the appliance. Only use detergents that are free of solvents, hydrochloric acid and hydrofluoric acid.

Follow the safety instructions for using detergents.

Note:

Do not use highly foaming detergents.

Observe the dosing notes.

Recommended detergents:

Application	Detergent	Dosage
Everyday cleaner, alkali-based	RM 743	0,5 - 2,0%
Everyday cleaner, acidic, for sanitary applications, swimming pools, etc. Removes limestone deposits.	RM 738	0,5 - 3,0%
Wipe care EXTRA	RM 780	0,5 - 2,0%
Floor base cleaner, acidic	RM 751	1,0 - 25%

- ➔ Remove the fresh water reservoir from the appliance.
- ➔ Open the cover of the fresh water reservoir.
- ➔ Pour in water/detergent mixture. Maximum temperature of the liquid 50 °C.
- ➔ Close the cover of the fresh water reservoir.
- ➔ Insert the fresh water container into the appliance.

Establish mains contact

- ➔ Swivel bottom cable hook upward and remove cable.
- ➔ Check mains cable and plug for damage or breakage. Get them replaced only through customer service agent or an electrician.
- ➔ Insert the mains plug into the socket.

Cleaning

⚠ **DANGER**

Risk of injury on account of electric shock caused by a damaged mains connection. Do not let the mains connection come into contact with the rotating brushes.

ATTENTION

Risk of damage to the floor covering. The cleaning method for heavy soiling must only be used on floors suitable for this kind of cleaning.

Risk of damage to the fresh water pump if it runs dry because of empty fresh water tank. Monitor the filling level display and switch the water pump switch off if the fresh water tank is empty.

Normal soiling

- ➔ Move the suction bar lift pedal to position „suction off“ (Fig. 3 - position "1/ ON", see inside front cover).
- ➔ Press the park position release and swivel the handle toward the rear.
- ➔ Set main switch for brush/vacuum operation to "1".
- ➔ Activate the water pump switch.
- ➔ Move the appliance over the surface to be cleaned.

Severe soiling

ATTENTION

Risk of damage to the floor covering. The cleaning method for heavy soiling must only be used on floors suitable for this kind of cleaning.

- ➔ Move the vacuum bar lift pedal to position „do not suction off“ (Fig. 3 - position "0/OFF" see inside front cover) and perform the cleaning as you would with normal soiling. The detergent liquid remains on the surface to be cleaned and has time to settle in.
- ➔ Move the vacuum bar lift pedal to position "suction off" and reclean the surface.

Vacuuming in corners (BR 30/4 C Adv only)

- ➔ Pull the suction tube out toward the top, attach the suction nozzle and vacuum the dirt.
- ➔ Remove the nozzle, replace the suction tube and insert handle.

Complete cleaning

- ➔ Turn off the water pump switch.
- ➔ Push the appliance a little further to vacuum up the remaining water.
- ➔ Set main switch for brush/vacuum operation to "0".
- ➔ Swivel the appliance handle forward and arrest in the park position.
- ➔ Disconnect the main plug from the socket.

Emptying the waste Water tank

Note:

If the waste water tank is full, the float closes the suction channel. The suction operation is interrupted. Empty the waste water tank.

⚠ **WARNING**

Please observe the local provisions regarding the wastewater treatment.

- ➔ Turn off the appliance.
- ➔ Position the appliance upright and arrest it in the park position.

- Remove the fresh water reservoir from the appliance.
- Swivel support bow downward and remove the waste water tank.
- Lift the lock and remove the lid of the waste water tank.
- Pour out dirt water.
- The rinse the dirt water reservoir with clear water.
- Replace the lid of the waste water tank and lock it.
- Insert the waste water tank into the appliance.

Emptying the Fresh Water Reservoir

- Remove the fresh water reservoir from the appliance.
- Open the cover of the fresh water reservoir.
- Pour out the cleaning liquid.
- Close the cover of the fresh water reservoir.
- Insert the fresh water container into the appliance.

Transport

⚠ CAUTION

Risk of personal injury or damage! Mind the weight of the appliance during transport.

- Swivel the appliance handle forward and arrest in the park position.
- Swivel the pushing handle backwards and push the appliance.

or

- Lift appliance by the carrying handle and carry it.
- When transporting in vehicles, secure the appliance according to the guidelines from slipping and tipping over.

Storage

⚠ CAUTION

Risk of personal injury or damage! Consider the weight of the appliance when storing it.

This appliance must only be stored in interior rooms.

Care and maintenance

⚠ DANGER

Risk of injury by inadvertent startup of appliance and electrical shock.

Prior to all work on the appliance, switch off the appliance and pull the power plug.

ATTENTION

Risk of damage to the device on account of water leakage. Empty the waste water tank and the fresh water tank prior to performing maintenance tasks on the device.

Maintenance schedule

After the work

ATTENTION

Risk of damage. Do not sluice the appliance with water and do not use aggressive detergents.

- Empty the waste water tank.
- Clean the seals between the waste water tank and the appliance.
- Empty the fresh water reservoir.
- Rinse the appliance: Fill the fresh water reservoir with clear water (without detergent) and let the appliance run for one minute with the brush water supply turned on.
- Empty the fresh water reservoir.
- Clean the outside of the appliance with a damp cloth which has been soaked in mild detergent.
- Clean the vacuum bar, check for wear and replace if required (see "Maintenance tasks").
- Check the brush for wear and replace if required (see "Maintenance tasks").

Yearly

- Have the prescribed safety inspection carried out by an electrician.

Maintenance Works

Replace the vacuum bar.

Note:

The vacuum bars are attached to the appliance with snaps and can simply be pulled off.

- Move the suction bar lift pedal to position „suction off“ (Fig. 3 - position "1/ ON", see inside front cover).
- Remove the fresh water reservoir.
- Remove the waste water tank.
- Lay the device on the reverse.
- Pull off the vacuum bar downwards.
- Insert the new vacuum bars and lock them into place.

Replacing the brush roller

- Remove the fresh water reservoir.
- Remove the waste water tank.
- Lay the device on the reverse.
- Press the release button for the brush roller and swivel the brush roller toward the bottom and pull it off the driver.
- Place the new brush roller on the driver and lock into place on the opposite side.

Frost protection

In case of danger of frost:

- Empty the fresh and dirt water reservoirs.
- Store the appliance in a frost-protected room.

Faults

⚠ DANGER

Risk of injury by inadvertent startup of appliance and electrical shock.

Prior to all work on the appliance, switch off the appliance and pull the power plug.

ATTENTION

Risk of damage to the device on account of water leakage. Empty the waste water tank and the fresh water tank prior to performing maintenance tasks on the device.

In case of faults that cannot be remedied using the table below please contact the customer service.

Fault	Remedy
Appliance cannot be started	Check if the mains plug is connected.
Insufficient water quantity	Check fresh water level, refill tank if necessary.
	Open the lock of the fresh water reservoir. If a vacuum is detected when the tank is opened, clean the ventilation valve in the lock of the fresh water reservoir.
	Clean the water distributor (see chapter "Cleaning the water distributor").
	Remove the fresh water tank and check the sieve for contamination. If necessary, remove the sieve and clean it.
	Pull off the valve with filter on the fresh water reservoir (Fig. 4, see inside front cover) and rinse in lukewarm water.
Fresh water reservoir drips when refilled	Pull off the valve with filter on the fresh water reservoir (Fig. 4, see inside front cover) and rinse in lukewarm water.
Insufficient vacuum performance	Empty the waste water tank.
	Lock the waste water reservoir in place on the appliance.
	Clean the seals between waste water tank and cover and check for tightness, replace if required.
	Check the seals between the lid of the waste water tank and the appliance. Contact Customer Service if the seals are damaged.
	Check that all vacuum bars are locked into place in the cleaning head.
	Suction bar plugged, clean.
	Suction bar worn; exchange the front and rear suction bars. If both suction bars are worn, install new suction bars.
	Check that both suction tube parts are correctly attached to the suction tube connection.
	Check the suction tube and the suction channel in the cleaning head for obstruction and remove if necessary (see "Cleaning suction tube").
	Check whether the cable behind the tanks has been routed flat and whether the included cover is attached.
Insufficient cleaning result	Check the brush roller for wear, replace if required.
Brush does not turn	Check if foreign matters are blocking the brush roller; remove foreign matter if required.
Creaking sound, brush does not turn	Slip clutch was triggered. Switch off the appliance, check/clean the brush roller.

Clean water distributor

- Take out the brush roller.
- Pull the water distribution bar out of the brush tunnel (Fig. 5, see inside front cover).
- Clean the irrigation channel and the opening in the water distribution bar under running water.

Clean suction tube

- Remove the fresh water reservoir from the appliance.
- Swivel support bow downward and remove the waste water tank.

- Pull the suction tube connection out toward the rear of the appliance and swivel out both ends of the suction tube (Fig. 6, see inside front cover).
The suction tube is separated and both ends are accessible for cleaning.
- Pull the vacuum bar off toward the bottom, the suction channel in the cleaning head is accessible for cleaning (Fig. 7, see inside front cover).
- Flush the suction hose and the suction channel with water or pull or push the obstruction out with a blunt object.

Accessories

Accessories	Description	Order number
Roller brush, red	Universal brush for all floor coverings.	4.762-428.0
Roller brush, orange	Special brush for textured floors such as safety tiles or grouts	4.762-484.0
Roller brush, white	Soft brush for sensitive floors and for polishing	4.762-452.0
Roller brush, blue	Soft brush for deep cleaning of carpets	4.762-499.0
Microfibre roller	Cleaning brush made of microfibres with especially high cleaning performance, especially for fine stone tiles.	4.762-453.0
Spare suction lip	Made of natural rubber. 2 pieces required.	4.777-320.0.
Spare suction lip, oil-resistant	For oil and grease contamination, such as in a kitchen or workshop. 2 pieces required.	4.777-324.0
Carpet cleaning kit	Deep cleaning of textile surfaces. Consists of brush rollers, 2 suction bars, 1 l of detergent concentrate, 500 ml stain remover	2.783-005.0

Spare parts

- Only use accessories and spare parts which have been approved by the manufacturer. The exclusive use of original accessories and original spare parts ensures that the appliance can be operated safely and trouble free.
- At the end of the operating instructions you will find a selected list of spare parts that are often required.
- For additional information about spare parts, please go to the Service section at www.kaercher.com.

Warranty

The warranty terms published by our competent sales company are applicable in each country. We will repair potential failures of your accessory within the warranty period free of charge, provided that such failure is caused by faulty material or defects in fabrication. In the event of a warranty claim please contact your dealer or the nearest authorized Customer Service center. Please submit the proof of purchase.

EC Declaration of Conformity

We hereby declare that the machine described below complies with the relevant basic safety and health requirements of the EU Directives, 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 machine is modified without our prior approval.

Product: Floor cleaner

Type: 1.783-xxx

Relevant EU Directives

2006/42/EC (+2009/127/EC)

2004/108/EC

2011/65/EU

Applied harmonized standards

EN 55014-1: 2006+A1: 2009+A2: 2011

EN 55014-2: 1997+A1: 2001+A2: 2008

EN 60335-1

EN 60335-2-72

EN 61000-3-2: 2006+A1: 2009+A2: 2009

EN 61000-3-3: 2013

EN 62233: 2008

EN 50581

Applied national standards

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The undersigned act on behalf and under the power of attorney of the company management.



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S. Reiser
Head of Approbation

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Winnenden, 2013/12/01

Technical specifications

	1.783-220.0	1.783-223.0	1.783-224.0
Power			
Nominal voltage	V	220...240	
Frequency	Hz	1~ 50/60	
Average power consumption	W	820	750
Protective class		I	
Type of protection		IPX4	
Vacuuming			
Cleaning power, air quantity	l/s	26	
Cleaning power, negative pressure	kPa	13	
Cleaning brush			
Working width	mm	300	
Brush diameter	mm	60	
Brush speed	1/min	1450	
Dimensions and weights			
Theoretical surface cleaning performance	m ² /h	200	
Fresh/waste water tank volume	l	4	
Length x width x height	mm	390 x 335 x 1180	
Transport weight (Adv)	kg	12 (12,5)	
Total weight (Adv)	kg	16 (16,5)	
Values determined as per EN 60335-2-72			
Hand-arm vibration value	m/s ²	<2,5	
Uncertainty K	m/s ²	0,2	
Sound pressure level L _{pA}	dB(A)	72	
Uncertainty K _{pA}	dB(A)	1	
Sound power level L _{WA}	dB(A)	85	
Uncertainty K _{WA}	dB(A)	1	