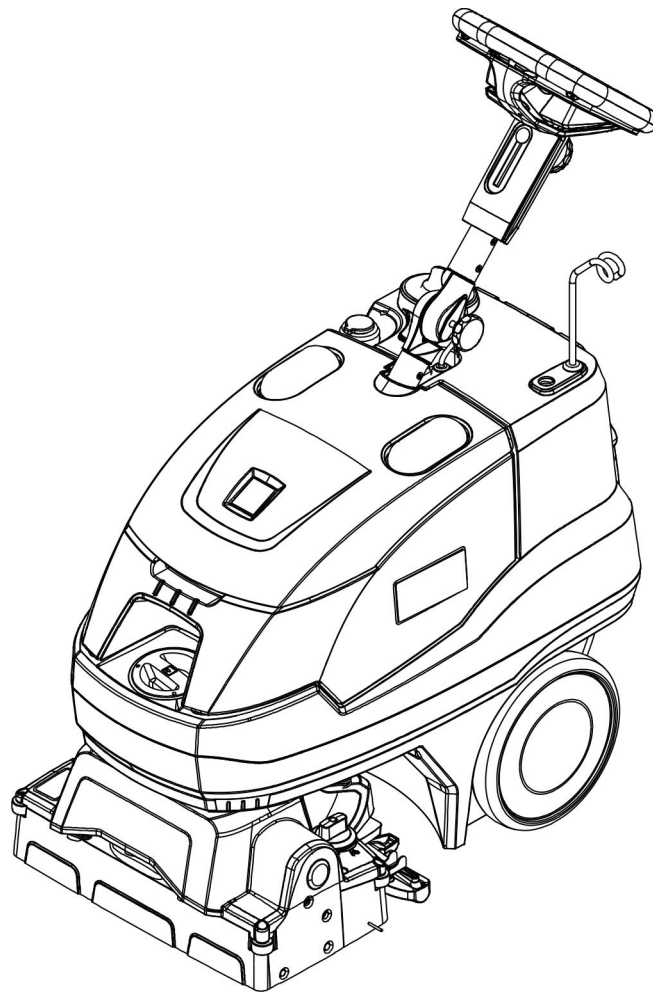


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Register and win!
www.kärcher.com/register-and-win



EAC



59602930 02/17



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, 5.956-251.0.

⚠ **WARNING**

Do not use the appliance on inclines.

The appliance may only be operated when the container and all lids are closed.

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.

Safety installations

If the safety switch is released, the brush drive shuts off.

Function

This carpet cleaner is used for wet cleaning carpets.

A working width of 400 mm and a capacity of 22 l in the fresh and waste water tank each enable effective cleaning with long working times.

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

Intermediate cleaning: The detergent solution is sprayed on and brushed in. After drying, the dirt bound by the detergent is extracted in a second procedure.

Basic cleaning: The detergent solution is sprayed on, brushed in, and, in the same procedure, extracted together with the dissolved dirt.

Proper use

Use this appliance only as directed in these operating instructions.

- This appliance is suited for the commercial use, e.g. in hotels, schools, hospitals, factories, shops, offices, and rental companies.
- The appliance should only be used to clean non-moisture sensitive carpeting.
- The appliance may only be equipped with original accessories and spare parts.
- This appliance is intended for inside use.
- The device is designed for use at high altitudes up to 2000 m.

Environmental protection



The packaging material can be recycled. Please do not place the packaging into the ordinary refuse for disposal, but arrange for the proper recycling.



Old appliances contain valuable materials that can be recycled. Please arrange for the proper recycling of old appliances. Please dispose your old appliances using appropriate collection systems.

Electrical and electronic devices often contain components which could potentially pose a danger to human health and the environment if handled or disposed of incorrectly. However, these components are necessary for the proper operation of the device. Devices marked with this symbol must not be disposed of with regular household rubbish.

Information on ingredients (REACH)

The latest information on ingredients can be found under:

www.kaercher.de/REACH

Operating elements

Figure 1, see cover page

- 1 Safety button
- 2 Star knob, transport position of the steering wheel
- 3 Sight glass for airflow
- 4 Sight glass for waste water
- 5 Cover dirt water reservoir
- 6 Maximum filling level indicator for fresh water tank
- 7 Fresh water filler neck
- 8 Handle
- 9 Nozzles for detergent solution
- 10 Unlocking button for brush roller
- 11 Brush roller
- 12 Coarse dirt container
- 13 Detergent solution filter
- 14 waste water tank
- 15 Drain hose for wastewater with dosing unit
- 16 Star knob, height adjustment of the steering wheel
- 17 Coupling for draining the fresh water
- 18 Net for accessory compartment
- 19 Vacuum bar
- 20 Rotating handle for brush contact pressure (1=min, 4=max)

- 21 Cleaning head
- 22 Fresh water tank
- 23 Sieve with floater ball
- 24 Mains plug
- 25 Steering wheel
- 26 Operating field
- 27 Program selection switch
- 28 Overload fuse for brush drive

Steering wheel

Figure 2, see cover page

- 1 Switch for detergent solution
- 2 Indicator light voltage supply
- 3 Indicator lamp vacuuming
green: Suction turbine in operation
red blinking: Malfunction
- 4 Indicator lamp brush drive
green: brush rotates forwards
orange: brush rotates backwards
red blinking: Malfunction
- 5 Control lamp to apply detergent solution
green: pump for detergent solution in operation
red blinking: Malfunction
- 6 Brush rotation direction switch

Program selection switch

Figure 3, see cover page

- 1 Appliance OFF
- 2 Only brush active, no detergent solution, no suction
- 3 Intermediate cleaning, no suction
- 4 Basic cleaning
- 5 Vacuuming
- 6 Additional tool

Operation

- ➔ Release the star knob for the transport position.
- ➔ Straighten the steering column.
- ➔ Tighten the star handle.

Parking support

Folding the parking support out

- ➔ Tilt the appliance approximately 30° backwards.
The parking support swings downwards.
- ➔ Tilt the appliance forwards.
The appliance is standing on the parking support; the brush is unloaded.

Folding the parking support in

- ➔ Push the appliance forwards.
The parking support swings upwards.

Filling in detergents

⚠ **WARNING**

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.
- ➔ Remove the lid from the fresh water reservoir.

ATTENTION

Risk of damage. Ensure that no liquid enters the intake port of the suction turbine under the waste water tank. Wipe up spilled liquid.

- Fill in fresh water (maximum 50 °C). Observe the maximum filling level indicator. Leave room for detergent.
- Add detergent. Follow dosing instructions for detergent.

Recommended detergents:

Application	Detergent
Intermediate cleaning	RM 768 iCapsol
Basic cleaning	RM 764 liquid

Detergents are available in specialised stores.

- Close the cover of the fresh water reservoir.

Settings

- Release the star knob for the height adjustment of the steering wheel.
- Adjust the steering wheel to the desired height.
- Tighten the star handle.

Adjusting the brush contact pressure

- Push the appliance to the work station.
- Unfold the parking support.
- Turn the twist grip for brush contact pressure to position "1".
- Fold the parking support in.
- Switch on the appliance on the carpet to be cleaned.
If support is present while the brush drive is being pushed forward, the adjustment is correct.
- If no support is noticeable when you push, increase the setting and repeat the procedure.
- If the indicator lamp for the brush drive shows a malfunction after a few seconds of operation, reduce the setting.

Cleaning

⚠ DANGER

Risk of electric shock!

Do not allow power cord to come into contact with the rotating brushes.

ATTENTION

Risk of damage to the floor covering. Do not operate the appliance on the spot.

- First connect the extension cable to the mains and then connect it to the mains socket.
Extension cable 2.5 mm², use at a maximum length of 15 m.
- Turn the programme selector switch to the desired function.
- Switch on the detergent solution switch if necessary.
- Pull the safety switch towards the steering wheel, the brush drive and the application of the cleaning solution are switched on (if preset).
- Push the appliance forward until the parking stand folds up and the cleaning head touches the ground.
- Move the appliance over the surface to be cleaned.

- While working, keep an eye on the sight glass for airflow. If water or foam is visible, switch off the appliance immediately. Empty the waste water tank or add defoamers to the waste water tank.

Note:

If the brush rotation direction switch on the steering wheel is actuated, the appliance also moves backwards.

Use the right side for cleaning close to the edge.

Additional tool (option)

Figure 4, see cover page

- 1 Suction hose
- 2 Vacuum bar
- 3 Detergent solution coupling

- Turn the steering wheel to reverse movement.
- Pull out the suction hose from the vacuum bar.
- Connect the suction hose of the appliance to the suction hose of the additional tool.
- Connect the hose for the detergent solution of the additional tool to the coupling on the cleaning head.
- Turn the programme selection switch to the additional tool position.
- Switch on "Detergent" button.
- Perform cleaning with the additional tool.

Shutting Down the Appliance

- Release the safety switch.
- Drive the appliance forward for another 1-2 m to draw off residual water.
- Set the programme selector switch to "OFF".

ATTENTION

The brush can be permanently deformed. Always set the appliance down with the parking support folded out.

- Unfold the parking support.

Emptying the waste Water tank

⚠ WARNING

Please observe the local provisions regarding the wastewater treatment.

- Set the programme selector switch to "OFF".
- Fold the parking support in.
- Remove the cover of the waste water tank.
- Take the waste water drain hose out of the support and lower it over a suitable collecting device.
- Crush or bend the dosing equipment.
- Open the lid of the dosing equipment.
- Let off dirt water by opening the dosage device at the discharge hose.
The wastewater flow can be controlled by squeezing the dosing unit.
- Rinse the dirt water reservoir with clear water.

Note:

The waste water tank can also be removed and carried separately to the disposal facility.

Emptying the Fresh Water Tank

⚠ WARNING

Please observe the local provisions regarding the wastewater treatment.

- Push down the coupling to drain the fresh water.

- Pull off the hose and swivel it down.

Frost protection

In case of danger of frost:

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

Folding down the steering column

To reduce the space requirements for transport and storage, the steering column can be folded down.

- Release the star knob for the transport position.
- Swivel the steering wheel forwards.
- Tighten the star handle.

Transport

⚠ CAUTION

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

- Remove the brush to avoid damage to the brushes.
- When transporting in vehicles, secure the appliance according to the guidelines from slipping and tipping over.

Transport on stairs

- Adjust the steering wheel to the highest position.
- One person holds the appliance by the two front handles under the fresh water tank.
- The second person holds the appliance by the steering wheel.

Note:

Do not carry the appliance by the cleaning head, as this can cause the appliance to swing around the steering column.

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 electric shock.

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

ATTENTION

Risk of damage for the appliance due to leaking water. Drain the wastewater and remaining fresh water prior to performing tasks on the appliance.

- Park the machine on an even surface.

Maintenance schedule

Before starting work

- Check the mains connection cable for damages. Replace the defective mains cable.
- Check spray pattern of the nozzles.

After the work

ATTENTION

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

- Drain off dirt water.
- Rinse the waste tank and lid with clear water.
- Clean and check the seals between the waste water tank and the lid and between the waste water tank and the fresh water tank.
- Clean sieve with the float ball in the waste water tank.
- Clean brush.
- Check the brush for wear and replace if required (see "Maintenance tasks").
- Remove bulk waste container and empty it.
- Rinse out the suction hose.
- Clean the suction bar and check its ease of movement.
- Rinse the fresh water tank and spray system with about 5 litres of clear water.
- Run the suction turbine for at least 1 minute.
- 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 necessary.
- Always store the appliance with the waste water tank lid open.

Weekly

- Take out the brush and clean it thoroughly.
- Check status and correct seating of all seals.
- Clean the sight glass for waste water.
- Check the vacuum bar for damages.
- Clean the wheels under the cleaning head.
- Clean the fresh water filter.

Quarterly

- Have the prescribed inspection carried out by the customer service.

Maintenance Works

Rinsing out the suction hose

Figure 5, see cover page

- 1 Suction hose
- 2 Suction turbine suction channel

- Remove the waste water tank.
- Insert the water hose into the suction hose.

ATTENTION

Risk of damage. Ensure that no water enters the suction turbine suction channel.

- Rinse the suction hose and suction bar with a strong water stream.

Clean the vacuum bar

Figure 6, see cover page

- 1 Rotatable bracket
 - 2 Clip
- Remove the waste water tank.
 - Turn the steering wheel to reverse movement.
 - Tilt the appliance rearward.
 - Pull out the suction hose from the vacuum bar.
 - Release both clips.
 - Remove the vacuum bar.
 - Open the rotatable brackets and take off the cleaning nozzle.

Replacing the brush roller

The brush must be replaced if it is so heavily worn that the front edge of the cleaning head touches the ground.

- Remove the waste water tank.
- Tilt the appliance rearward.
- 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.

Maintenance contract

To ensure a reliable operation of the appliance maintenance contracts can be concluded with the competent Kärcher sales office.

Faults

⚠ DANGER

Risk of electric shock.

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

ATTENTION

Risk of damage for the appliance due to leaking water. Drain the wastewater and remaining fresh water prior to performing tasks on the appliance.

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

Failure	Correction
Appliance cannot be started	Insert the mains plug into the socket. Is the indicator light voltage supply on?
	Reset the overload fuse by pressing it in.
	Check facility fuse.
Insufficient vacuum performance	Empty the waste water tank and clean the sieve with the float ball.
	Clean the vacuum bar
	Check the seals on waste water tank and sight glasses.
	Check suction hose for blockages; clean if required.
Insufficient water quantity	Check the suction hose for tightness; replace if required.
	Clean or replace the nozzles.
Brush does not turn	Clean the detergent solution filter.
	Turn the program selection switch to the desired programme. Check if foreign objects block the brush; remove foreign object if required.

Technical specifications

Power		
Nominal voltage	V	220-240
Frequency	Hz	1~, 50/60
Type of protection		IPX4
Average power consumption	W	1800
Rated power suction turbine	W	1200
Rated power brush drive	W	400
Vacuuming		
Vacuum power, air volume (max.)	l/s	27
Vacuuming power, negative pressure (max.)	kPa (mbar)	29 (290)
Pump for detergent solution		
Intermediate cleaning	l/min	0,38
	MPa	0,35
Basic cleaning	l/min	2,5
	MPa	0,69
Cleaning brushes		
Brush speed	1/min	1100
Brush diameter	mm	96
Dimensions and weights		
Theoretical surface cleaning performance	m ² /h	2000
Max. working range incline	%	2
Fresh/waste water tank volume	l	22/19
Max. water temperature	°C	50
Ambient temperature	°C	5...40
Net weight (transport weight)	kg	42,6
Total weight (ready to operate)	kg	64,6
Dimensions (L x W x H)	mm	889 x 470 x 1118
Values determined as per EN 60335-2-72		
Total oscillation value	m/s ²	<2,5
Sound pressure level L _{PA}	dB(A)	74

EU 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: Scrubbing vacuum cleaner
Type: 1.008-xxx

Relevant EU Directives

2006/42/EC (+2009/127/EC)
 2014/30/EU


Applied harmonized standards


EN 60335-1
 EN 60335-2-68
 EN 55014-1: 2006+A1: 2009+A2: 2011
 EN 55014-2: 2015
 EN 61000-3-2: 2014
 EN 61000-3-3: 2013
 EN 62233: 2008

Applied national standards

-

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


 H. Jenner
 CEO


 S. Reiser
 Head of Approbation

Authorised Documentation Representative
 S. Reiser

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Winnenden, 2017/02/01

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.

Accessories and Spare Parts

Only use original accessories and spare parts, they ensure the safe and trouble-free operation of the device.

For information about accessories and spare parts, please visit www.kaercher.com.