

FC 8 Smart Signature Line



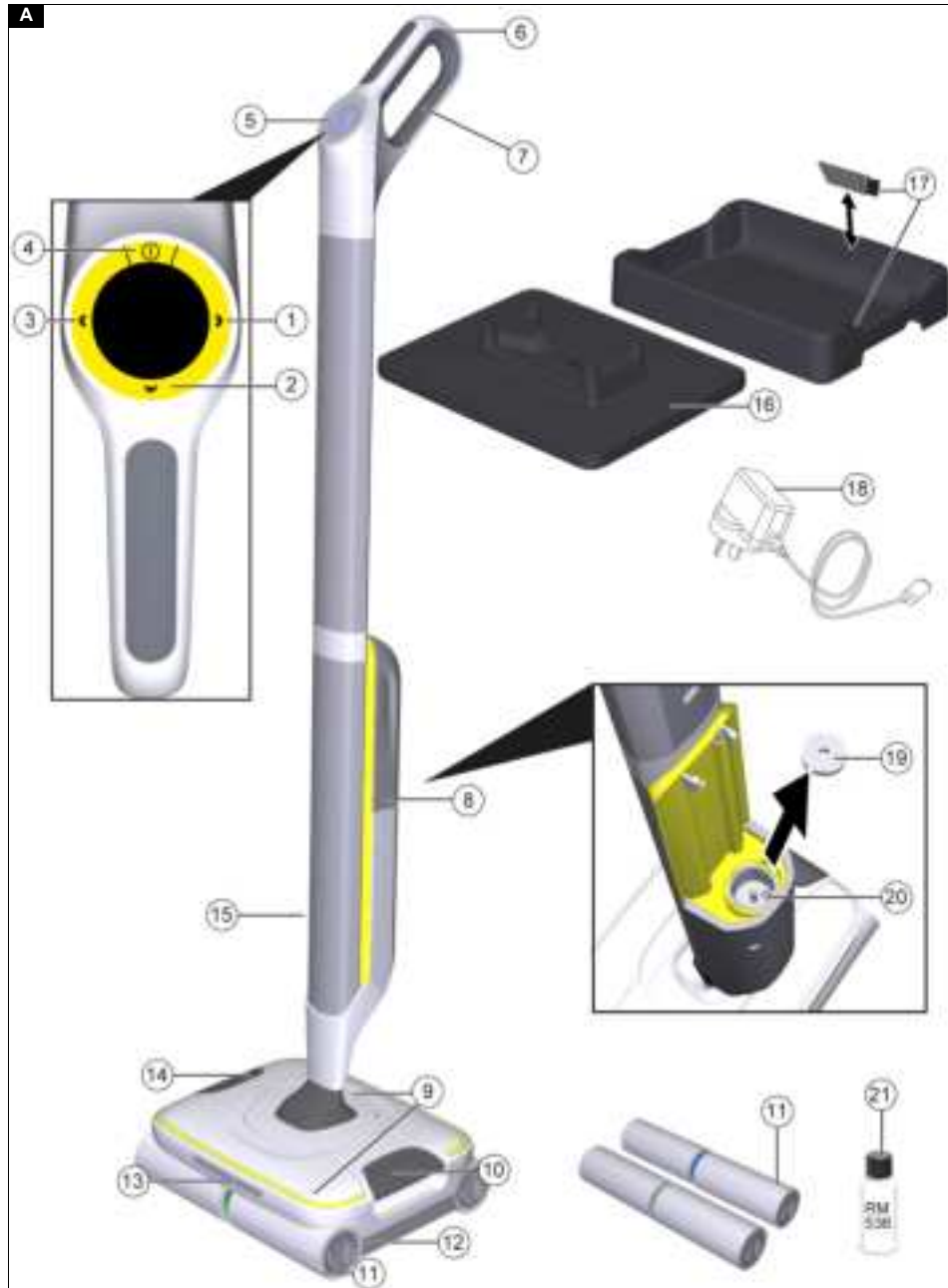
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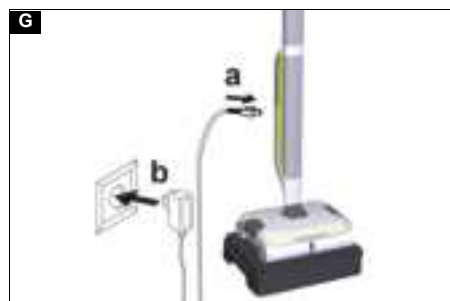
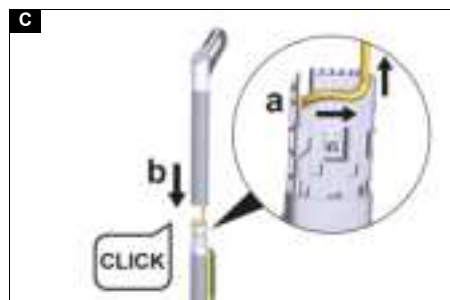


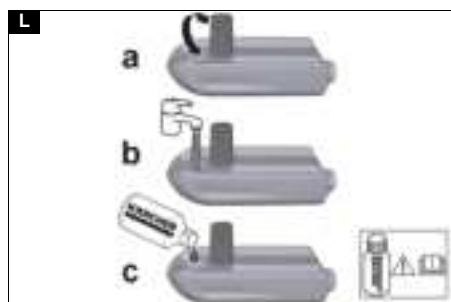
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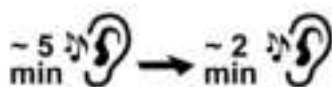
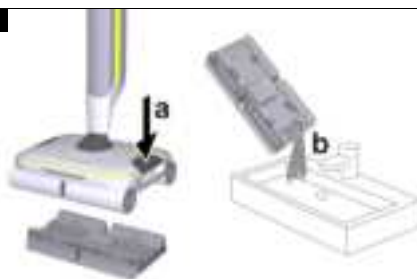
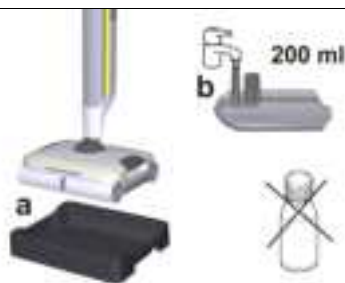


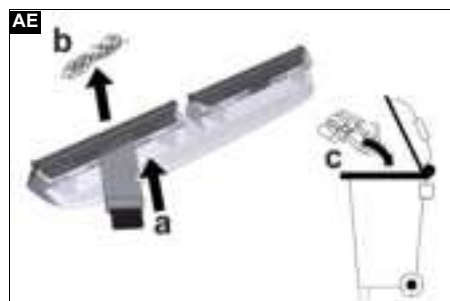
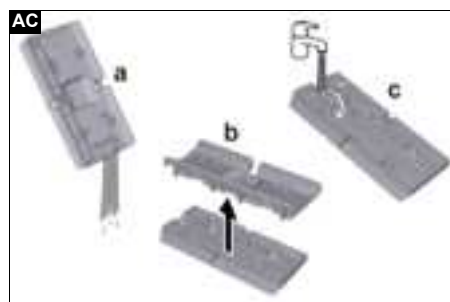
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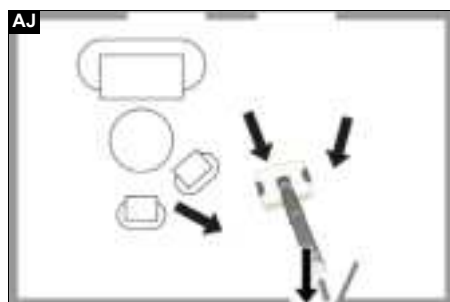
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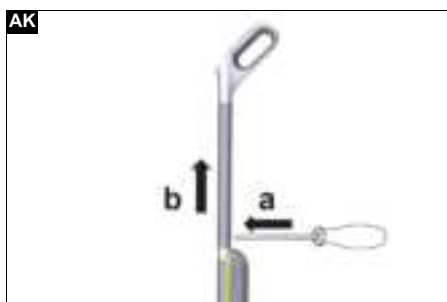
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AJ



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Intended use

Use the floor cleaner exclusively for cleaning hard floors in your private household and only on waterproof hard floors.

No water-sensitive floor coverings such as untreated cork floors, since the moisture can penetrate and damage the floor.

The device is suitable for cleaning PVC, linoleum, tiles, stone, oiled and waxed parquet, laminate and all water-resistant floor coverings.

Environmental protection



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



Electrical and electronic devices 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 danger to human health and the environment. However, these components are required for the correct operation of the device. Devices 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.de/REACH

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.

Scope of delivery

The scope of delivery for the appliance is shown on the packaging. Check the contents for completeness when unpacking. If any accessories are missing or in the event of any shipping damage, please notify your dealer.

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 manufac-

turing flaw 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)

Further warranty information (if available) can be found in the service area of your local Kärcher website under "Downloads".

Safety instructions

Read this safety chapter and these original instructions before using the device for the first time. Act in accordance with them. Keep the original instructions for future reference or for future owners.

- In addition to the notes in the operating instructions, you also need to take into consideration the general safety regulations and accident prevention guidelines applicable by law.
- Warnings and information notices attached to the device provide important information for hazard-free operation.

Hazard levels

⚠ DANGER

- Indication of an imminent threat of danger that will lead to severe injuries or even death.

⚠ WARNING

- Indication of a potentially dangerous situation that may lead to severe injuries or even death.

⚠ CAUTION

- Indication of a potentially dangerous situation that may lead to minor injuries.

ATTENTION

- Indication of a potentially dangerous situation that may lead to damage to property.

Electrical components

⚠ DANGER

- Do not immerse the device in water.
- Never insert conductive objects, e.g. screwdrivers or similar, into the charging socket on the appliance.
- Never touch contacts or lines.
- Do not damage the mains connection cable by running it over, crushing it or pulling it across sharp edges.
- Only connect the device to alternating current. The voltage indicated on the type plate must match the voltage of the power source.
- Only operate the device via a fault current protection switch (maximum 30 mA).

⚠ WARNING

- Immediately replace a damaged charger together with charging cable with an original part.
- Switch off the device immediately and remove the mains plug before performing any care and service work.
- The device contains electrical components. Do not clean the device or the top or bottom of the floor head under running water or under a shower spray, otherwise water may enter.
- Only connect the device to an electrical connection which has been set up by a qualified electrician as per IEC 60364-1.

⚠ CAUTION

- Have repair work carried out by the authorised customer service only.
- Check the device and the accessories each time before operation, in particular the mains connection and extension cable, to make sure it is safe and working correctly. Pull out the mains plug in case of any damage and do not use the device.

Charger

⚠ DANGER • Never touch the mains plug and socket with wet hands. • Do not charge the battery pack in an explosion-hazard environment.

⚠ WARNING • Protect the power cable from heat, sharp edges, oil and moving parts. • Do not cover the battery pack during the charging process and ensure that the ventilation slits remain clear. • Do not open the charger. Repairs are only to be carried out by qualified personnel. • Only charge the battery pack with the approved chargers. • Immediately replace a damaged charger together with charging cable with an original part.

⚠ CAUTION • Do not use the battery pack when dirty or wet. • Do not carry the charger by the power cable. • Do not operate the device together with other devices on an extension cable with multiple power sockets. • Do not pull the mains plug out the socket using the power supply cable.

ATTENTION • Only use and store the charger in dry rooms.

Battery

⚠ DANGER • Do not expose the battery to strong sunlight, heat or fire.

⚠ WARNING • Only charge the appliance using the original charger enclosed or with a charger approved by KÄRCHER. Use the following adapter:



WARNING • Short circuit hazard. Do not open the battery. Irritating vapours or corrosive liquids can also escape. • Only charge the device at an ambient temperature of 10°C - 40°C.

ATTENTION • This device contains non-replaceable batteries. Does not apply to appliances with a replaceable battery pack • Risk of short circuit. Protect the contacts of the battery and device against metal parts. • The device contains batteries that can only be replaced by qualified staff.

Safe handling

⚠ DANGER • Risk of asphyxiation. Keep packaging film out of the reach of children.

⚠ WARNING • Only use the device for its proper use. Take into account the local conditions and beware of third parties, in particular children, when working with the device. • Adhere to the respective safety regulations in hazard zones (e.g. service stations). Never operate the device in explosive spaces. • Children and persons unfamiliar with these instructions are not allowed to operate the device. The age of the operator may be limited by local restrictions. • The device is not intended for use by children, persons with restricted physical, sensory or mental abilities or persons unfamiliar with these instructions. • Persons with reduced physical, sensory or mental capabilities and persons lacking experience and knowledge may only use the appliance if they are properly supervised, have been instructed on use of the appliance safely by a person responsible for their safety, and understand the result-

ant hazards involved. • Children must not play with the appliance. • Children must be supervised to prevent them from playing with the appliance. • Keep the device out of the reach of children when it is connected to the mains or when it is cooling down. • Children may only perform cleaning work and user maintenance under supervision. • Protect the connection cable against heat, sharp edges, oil and moving unit parts. • Keep all parts your body (e.g. fingers, hair) away from the rotating cleaning rollers • Risk of injury from sharp objects (e.g. splinters). Protect your hands while cleaning the floor head.

⚠ CAUTION • Do not use the appliance if it has been dropped beforehand, is visibly damaged or if it is leaking. • Only operate or store the device in accordance with the description or figure. • Accidents or damage due to the device falling over. Before all actions with or on the device, you must make sure that it is stable. • Never leave the device unsupervised while it is in operation.

ATTENTION • Device damage. Never fill the water reservoir with solvents, liquids containing solvents or undiluted acids (e.g. detergents, petrol, paint thinners and acetone). • Only switch on the device when the fresh water tank and waste water tank are installed. • Do not pick up sharp or larger objects with the device, such as e.g. glass shards, gravel or toy parts. • Do not fill the fresh water container with vinegar, decalcification agents, essential oils or similar substances. Avoid taking up these substances with the device. • Use the device only on hard floors with a watertight coating, such as e.g. varnished parquet, enamelled tiles or linoleum. • Do not use the device for cleaning carpets or carpeted floors. • Do not guide the device over the floor grilles of convection heating systems. The device cannot vacuum up the escaping water when it is guided over a floor grille. • In case of longer breaks in operation and after use, switch off the device at the main switch / device switch and pull out the charged mains plug. • Do not operate the device at temperatures below 0 °C. • Protect the device from rain. Do not store the device outdoors.

Symbols on the device



- The warning for not cleaning the floor head under running water is located:
 - on the underside of the floor head.

- The symbols for the device cleaning mode after finishing work are:
 - engraved in the bowl of the cleaning station,
 - located on the back of the fresh water tank as a label.
- The symbols for unlocking the waste water tank / parking station are located:
 - as a label on the unlocking button for the waste water tank/parking station.

The application is described in the chapter *Floor head cleaning by means of rinsing process*.

Description of the device

For the illustrations, refer to the graphics page.

Illustration A

- ① Right selection button
- ② Confirm button
- ③ Left selection button
- ④ ON / OFF button
- ⑤ LCD display
- ⑥ Wall anti-slip handle
- ⑦ Handle
- ⑧ Fresh water tank
- ⑨ Removable hair filter
- ⑩ Unlocking button for waste water tank and parking station
- ⑪ Cleaning rollers (4 x)
- ⑫ Waste water tank
- ⑬ LED lights
- ⑭ Unlocking button for hair filters
- ⑮ Charging socket
- ⑯ Parking station
- ⑰ Cleaning station with cleaning brush
- ⑱ Charger with charging cable
- ⑲ Fresh water filter
- ⑳ Sensor in the fresh water tank holder
- ㉑ Detergent RM 536 (30 ml)

Initial start-up

Connecting the hard floor cleaner with Bluetooth and the app

To be able to use all available functions, we recommend connecting the device to the Kärcher Home & Garden app. To do this, the KÄRCHER Home & Garden app must be[®] downloaded to a mobile device with Bluetooth wireless technology.

The Kärcher Home & Garden app can be downloaded here:

Illustration B

- Google Play™ and Android™ are trademarks or registered trademarks of Google Inc.
- Apple® and App Store® are trademarks or registered trademarks of Apple Inc.

The Kärcher Home & Garden App offers the following main functions, among others:

- Cleaning modes recommended by KÄRCHER for different floors that can be transferred to the device
- Ability to set up your own cleaning modes
- Step-by-step instructions for initial startup, commissioning, use and device cleaning
- Tips & tricks
- FAQ with detailed troubleshooting guide
- Notification of system updates and their execution
- Connection to the KÄRCHER Service Center
- Usage statistics
- Device settings e.g. Boost time
- Reminder to change rollers

- Connection to the Kärcher online shop, e.g. for purchasing additional accessories

Connecting the device to the Kärcher Home & Garden app:

1. Load the Kärcher Home & Garden app from the Apple App Store or from the Google Play Store.
2. Launch the Kärcher Home & Garden App.
3. Start the Kärcher Home & Garden app with a customer account or as a guest.
4. Add the device and follow the step-by-step instructions.

Installation

Installing the handle bar

1. Hold the basic device firmly.
2. Insert the cable into the guide of the plastic connector and fix it in place.
3. Insert the handle bar into the basic unit as far as it will go, until it audibly clicks into place. The handle bar must sit firmly in the device.

Illustration C

4. Place the device on the parking station and let it click into place.
5. Place the device with the parking station on the cleaning station.

Illustration D

6. Rotate the cleaning rollers onto the roller holder until they stop. Pay attention to the colour coding on the inner side of the roller and on the roller holder on the device (e.g. blue to blue).

Illustration E

Note

If desired, a quick start guide can be called up directly on the device. To do this, the device must be switched on.

7. Press the ON / OFF button.

Illustration N

The device switches on.

The LCD display asks whether the quick start guide should be called up.

Illustration F

Initial startup

Charging process

1. Plug the charging cable of the charger into the charging socket on the device.
Illustration G
2. Plug the mains plug of the charger into the socket. The LCD display shows the current charging state of the battery.
Illustration H
3. The battery is fully charged after 4 hours. Unplug the mains plug for the charger from the socket after charging.

Illustration I

4. Pull the charging cable out of the device.

Fitting the waste water tank

1. Operate the unlocking button for the parking station with your foot and lift the device.

Illustration J

2. Place the device in the middle of the waste water tank so that it is positioned between the rollers, and then audibly clicks into place. The position of the tank is not important here, as it can be used in both longitudinal directions in the device.

Illustration K

The waste water tank must sit firmly in the device.

Filling the fresh water tank

1. Grasp the fresh water tank by the recessed grips at the side and remove it from the device.
2. Open the tank cap and turn it to the side.

Illustration L

3. Fill the fresh water tank with cold or lukewarm tap water up to the MAX marking.
4. If necessary, add KÄRCHER detergent or care agent to the fresh water tank.

ATTENTION

Overdosing or underdosing of the detergent or care agent

Can result in poor cleaning results.

Follow the dosage recommendations for the detergent or care agent.

5. Close the tank cap.
6. Insert the fresh water tank into the device.

Illustration M

The fresh water tank must sit firmly in the device.

Operation

General information on operation

ATTENTION

Moisture

Material damage to sensitive floors

Check the surface to be cleaned for water sensitivity at an inconspicuous location before using the device.

Do not clean water-sensitive floor coverings such as e.g. untreated cork floors, since the moisture can penetrate and damage the floor.

ATTENTION

Material damage

Damage to the device from pointed, large and/or bulky objects.

The device must not be stored and used on hard coarse dirt and objects, as the parts can get stuck under the waste water tank and cause scratches on the floor and tank.

Before starting work and storing the device, remove objects such as shards, pebbles, screws or toy parts from the floor.

Illustration AI

Note

- To avoid striped patterns, test the device on an inconspicuous area before using on sensitive surfaces, e.g. wood or fine stone.
- Do not allow it to remain in one area, but keep it in motion.
- Observe the instructions for the floor covering manufacturer.

Note

Work backwards towards the door so that no footprints are generated on the freshly washed floor.

Illustration AJ

- Floor cleaning is performed using a to and fro movement at the same speed as when vacuuming.
- Activate the boost function for heavy soiling. To do this, select the "Cleaning" tab in the main menu and press Right selection button repeatedly until the Boost function is selected. The Boost function is activated for 15 seconds by default and can be customised via the app. The device is then automatically in Cleaning mode 2. The Boost function can also be activated directly by permanently pressing Right selection button from Cleaning mode 1. When the boost function is activated, the roller

speed and the amount of water are increased. Let the device slide slowly across the floor without exerting pressure on the device.

Illustration Q

- The color of the rollers shows which application they are especially suitable for.
 - Yellow universal rollers: versatile use
 - Rollers with black stripes: Cleaning of insensitive hard floors (e.g. stone, ceramics); not suitable for sensitive natural stone floors (e.g. marble, terracotta)

Note

For optimal cleaning results, wash the rollers in the washing machine at 60°C before using them for the first time.

ATTENTION

Material damage due to loose rollers

This may damage the washing machine.

Place the rollers in a laundry net and load the washing machine with extra laundry.

Firmware update

If a firmware update needs to be carried out, a notification is displayed in the app. The procedure for carrying out the updates is described in the app.

Note

The current firmware version can be viewed both in the app and on the LCD display of the device under "Device information".

Starting operation

ATTENTION

Risk of damage due to uncontrolled movement

The cleaning rollers start rotating as soon as the cleaning is started.

Hold the handle tight to prevent the device from moving away independently.

ATTENTION

Risk of damage

A missing fresh or waste water tank can result in material damage.

Before starting the cleaning work, make sure that the fresh water tank is filled with water, and the waste water tank is inserted in the device.

1. Press the ON / OFF button.

Illustration N

The device switches on.

A welcome text appears on the LCD display. The "Cleaning" tab is then displayed in the main menu.

2. Moisten the rollers.

Illustration O

a Select the "Cleaning" tab. The device starts by moistening the rollers.

b Move the device back and forth until the rollers are sufficiently moistened.

Note

If the rollers block immediately after switching on, remove the rollers, moisten them under the tap and reinsert them.

3. Activate Cleaning mode 2 if required. Use Right selection button to switch to Cleaning mode 2.

Illustration P

This increases the roller speed and water quantity. The LCD display shows Cleaning mode 2.

Note

The setting of Cleaning mode 1 or Cleaning mode 2 depends on the surface to be cleaned (e.g. wood or stone floor).

The last Cleaning mode setting is always activated when cleaning is started.

4. If necessary, activate the Boost function for cleaning stubborn dirt (see *General information on operation*).

Illustration Q

Setting cleaning modes

The app can be used to select cleaning modes recommended by KÄRCHER for different floors. The cleaning modes differ in terms of water quantity and roller speed depending on the sensitivity of the floor. Downloading the App is described in the chapter *Connecting the hard floor cleaner with Bluetooth and the app*.

The following cleaning modes are available for different floor coverings:

- Tiles
- Laminate
- unsealed parquet
- sealed parquet
- PVC
- Linoleum
- Cork
- Marble
- Rubber mount
- Exposed screed

Customised cleaning modes can also be set via the app. Here it is possible to reduce the amount of water and the roller speed in 5 steps.

Note

When cleaning in a cleaning mode with a low water supply, most of the water remains on the floor. Hardly any water is wiped off the rollers, which means that very little water enters the waste water tank.

Battery run time

The battery symbol on the display shows the battery run time. The display of the battery symbol can be changed via the settings. The battery run time can be represented by:

- the filling level of a battery
- a minute display
- a percentage display

Acoustic or optical signals warn of an empty battery:

- An acoustic signal sounds once and a warning appears on the display approx. 5 minutes before the battery is flat.

Illustration T

- An acoustic signal sounds twice and a warning appears on the display approx. 2 minutes before the battery is flat.
- Once the battery is flat, cleaning is stopped. Cleaning cannot be started as long as the battery is flat.

Emptying the waste water tank

If the waste water tank is full, the warning "Full tank" appears on the LCD display and an acoustic signal sounds.

Illustration S

After 60 seconds, an acoustic signal sounds twice and cleaning is stopped.

As long as the waste water tank is full, the warning "Full tank" appears on the LCD display when cleaning is started and cleaning cannot be started.

1. Press the ON / OFF button.
The device switches off.
2. Press the unlocking button for the waste water tank with your foot and lift the device.

Illustration U

The waste water tank detaches from the device.

3. To empty the waste water tank, do not use the top cover to transport it, but use both hands horizontally on the narrow sides.
4. Empty the waste water tank through the opening in the cover. In the case of stubborn soiling, remove the cover of the waste water tank, and rinse out the waste water tank with tap water.
5. Insert the waste water tank (see *Fitting the waste water tank*).

Refilling the cleaning fluid

If the fresh water tank is empty, the warning "Empty tank" appears on the LCD display and an acoustic signal sounds. As a reminder, the acoustic signal sounds once a minute.

Illustration R

1. Fill the fresh water tank (see *Filling the fresh water tank*).

Interrupting operation

ATTENTION

Material damage due to moisture

Moist rollers can cause moisture damage to sensitive floors.

When taking longer breaks, place the device on the parking station to avoid damage to sensitive floors from moist rollers.

1. Press the ON / OFF button.
The device switches off.
2. Place the device on the parking station.

Illustration Y

Note

If the device is placed on the parking station without a waste water tank, the unlocking button must be pressed to remove the device.

Illustration J

Ending operation

1. Press the ON / OFF button.
The device switches off.
2. Place the device on the parking station.

Illustration Y

ATTENTION

Adhering dirt deposits

Adhering dirt deposits can damage the device in the long term.

It is recommended to clean the device completely after each application.

3. Clean the device (see *Care and service*).

Storing the device

ATTENTION

Odour development due to liquids in the device

Unpleasant odours can develop if the device contains liquids/moist dirt when stored.

Completely empty the fresh water tank and waste water tank before storing the device.

Use the cleaning brush to remove hair and dirt particles from the hair filter in the floor head cover.

Allow the cleaned rollers to air dry e.g. on the device mounted on the parking station. Do not place the wet rollers in an enclosed cupboard to dry.

1. Place the empty waste water tank in the cleaning station to dry.
 - a Place the device on the parking station and let it click into place.
 - b Then place the device with the parking station on the cleaning station.

Illustration D

2. Mount the cleaned rollers on the device to dry.

Illustration E

3. Charge the battery (see *Charging process*).
4. Store the device in a dry room.

Care and service

Floor head cleaning by means of rinsing process

ATTENTION

Dirt or detergent residues

The waste water tank and the hair filters must be cleaned regularly to ensure that dirt does not accumulate in the tank and hair filters. Dirt particles can clog the hair filters and slots if the device is not cleaned after use. The accumulation of dirt and bacteria can also result in the development of unpleasant odours in the device. On completion of work, place the device in the cleaning station and start the rinsing process.

Clean the floor head in the cleaning station only by using the automatic rinsing process and not by pouring water into the station separately. Make sure that the waste water tank is attached.

Do not clean the device or the top or bottom of the floor head under running water or under a shower spray, otherwise water may enter.

Note

As long the warning "Tank full" is shown on the LCD display, and the waste water tank has not been emptied, the rinsing process cannot be started.

Note

The LED lighting on the floor head remains switched off during the rinsing process.

To be guided through the device cleaning process, you can navigate to the "Device cleaning" tab in the main menu and confirm the display of the instructions. The same steps are explained below. If the instructions are not displayed, the rinsing process starts immediately.

1. Empty and reinsert the waste water tank (see *Emptying the waste water tank*).
2. Place the device with the empty waste water tank in the cleaning station.
3. Fill the fresh water tank with at least 200 ml of fresh water without a detergent or care agent (see *Filling the fresh water tank*).

Illustration V

Note

It is not necessary to add detergent for the rinsing process.

4. Select the "Device cleaning" tab in the main menu and start the rinsing process using Confirm button.

Illustration W

A signal tone sounds.

The rinsing process begins and takes about 2 minutes.

The time runs down on the display until self-cleaning is complete.

Illustration X

Note

At the start of the rinsing process, the water runs from the fresh water tank onto the rollers for approx. 80 seconds.

During this time the device is silent. Only at the end of the rinsing process do the rollers start to turn for approx. 30 seconds.

5. An acoustic signal sounds when the rinsing process has finished.
6. Press the unlocking button for the waste water tank and place the device on the parking station. The waste water tank remains in the cleaning station.

Note

If you try to start cleaning with a full waste water tank, the warning "Tank full" appears on the LCD display and cleaning cannot be started.

7. Push the unlocking button for the hair filters inwards.

Illustration Z

The hair filters are released.

8. Place the hair filters in the cleaning station.
9. Remove the rollers and place them in the cleaning station.

Illustration AA

10. Transport the cleaning station with waste water tank, hair filters and rollers to the toilet, sink or trash can as required.

Illustration AB

11. Clean the waste water tank (see *Cleaning the waste water tank*).

12. Clean the rollers (see *Cleaning the rollers*).

13. Clean the hair filters (see *Cleaning the hair filters*).

14. Clean the underside of the floor head and the roller drive with a moist cloth.

Illustration AG

Note

Do not clean the device or the top or bottom of the floor head under running water or under a shower spray, otherwise water may enter.

15. Empty and dry the cleaning station.

16. If there is still water in the fresh water tank, remove the fresh water tank and empty it.

Cleaning the waste water tank

ATTENTION

Adhering dirt deposits

Adhering dirt deposits can damage the device in the long term.

Clean the waste water tank regularly.

For information on emptying and removing the waste water tank, see *Emptying the waste water tank*.

1. Remove the cover of the waste water tank.

Illustration AC

2. Clean the waste water tank and the cover using tap water.

3. Alternatively, the waste water tank can be cleaned in the dishwasher.

Note

The rubber coating of the waste water tank flap can become sticky after cleaning in the dishwasher. The tightness is not impaired.

Cleaning the rollers

ATTENTION

Detergent residue in the rollers

Foaming

Wash the rollers under running water or clean them in a washing machine each time after using the device.

ATTENTION

Damage due cleaning the rollers with fabric softener or using a clothes dryer

Damage to the microfibres

Do not use fabric softener when cleaning in a washing machine.

Do not dry the rollers in a clothes dryer.

ATTENTION

Material damage due to loose rollers

This may damage the washing machine.

Place the rollers in a laundry net and load the washing machine with extra laundry.

1. Press the ON / OFF button.

The device switches off.

2. Place the device on the parking station.

Illustration Y

3. Unscrew the cleaning rollers on the recessed grip.

Illustration AA

4. Clean the cleaning rollers under running water or wash them in a washing machine at max. 60 °C.

Illustration AD

5. Rotate the cleaning rollers onto the roller holder until they stop. Pay attention to the colour coding on the inner side of the roller and on the roller holder on the device (e.g. blue to blue).

Illustration E

6. Let the rollers on the device and on the parking station dry.

Cleaning the hair filters

ATTENTION

Risk of damage

Stuck dirt can permanently damage the device.

Clean both hair filters regularly with the cleaning brush.

ATTENTION

Damage due to cleaning the hair filters in a dishwasher

The washing process can distort the scraper edge and it will no longer press on the rollers correctly. This worsens the cleaning result.

Do not clean the hair filters in a dishwasher but rather under running water.

1. Press the ON / OFF button.

The device switches off.

2. Place the device on the parking station.

Illustration Y

3. Push the unlocking button for the hair filters inwards.

Illustration Z

The hair filters are released and can be removed.

4. Clean both hair filters under running water.

5. Remove stuck dirt, e.g. in the filter comb, with the cleaning brush.

Illustration AE

Illustration AF

6. Insert the hair filters into the floor head and allow them to latch into place. Both hair filters must be firmly seated in the device.

Illustration AH

Cleaning and care agents

ATTENTION

Use of unsuitable detergents and care agents

The use of unsuitable detergents and care agents can damage the device and loss of eligibility for warranty claims.

Use only KÄRCHER detergents.

Take care to ensure the correct dosage.

Note

Use KÄRCHER detergent or care agents for floor cleaning as necessary.

- Observe the manufacturer's dosing quantity recommendations when dosing with detergent or care agents.
- To prevent foaming, fill the fresh water tank with water first and then add the detergent or care agent.
- To prevent the tank from overflowing, be sure to leave enough space for the detergent or care agent when filling with water.

Disassembly

Removal of the handle

ATTENTION

Frequent removal of the handle

The handle components can be damaged by repeated removal.

Do not remove the handle from the basic device after assembly.

The handle may only be removed from the basic device when the device is sent out for service purposes.

ATTENTION

Incorrect removal of the handle

Device damage

Take care to ensure that the connection cable between the basic unit and the handle is not damaged.

- Insert the screwdriver at a 90° angle into the small opening on the back of the handle, and remove the handle.

Illustration AK

Troubleshooting guide

Malfunctions often have simple causes that you can remedy yourself using the following overview. When in doubt, or in the case of malfunctions not mentioned here, please contact your authorised Customer Service.

Note

The device is disabled for 3 seconds when a fault occurs.

The device cannot be switched on again until the fault has been corrected.

Fault	Cause	Rectification
The "BLE warning" warning appears	The device cannot be connected to the smartphone via Bluetooth.	1. Contact the authorized Customer Service. This error does not affect cleaning with the device.

Fault	Cause	Rectification
The warning "full tank" appears even though the waste water tank is either empty or not full	If detergents from other manufacturers are used or if too much detergent is used, a lot of foam may form in the waste water tank, causing the volume of 200 ml in the waste water tank to be reached and cleaning to stop.	1. Use only KÄRCHER detergents and ensure the correct dosage.
	The contacts for detecting the filling level are dirty.	1. Clean the contacts for detecting the filling level with a damp cloth. 2. If the error message continues to appear, contact authorised Customer Service.
The warning "empty tank" appears even though the fresh water tank is full	The sensor in the fresh water tank holder is dirty.	1. Remove the fresh water tank and clean the sensor (see <i>Description of the device</i>) of the fresh water tank holder, e.g. with a cotton swab.
	The water filled in is too soft.	1. Do not use distilled water for cleaning.
The device is not charging and the error message "charging error" appears	An incorrect or defective charger is being used.	1. Use the original charger. 2. Replace the defective charger.
The error message "overheating" appears	The device overheats during operation (e.g. at high ambient temperatures, when used with dry rollers or when used on carpet) or while charging.	1. Allow the device to cool off for approx. 2.5 hours. The device can only be switched on or charged again when it has cooled down accordingly.
The error message "undercooling" appears	The hard floor cleaner is undercooled.	1. Allow the device to warm up at room temperature. The device can only be switched on or charged again when it has warmed up accordingly.
Rollers do not rotate and error message "motor error" appears	The motor is too hot and is no longer supplied with power.	1. Interrupt operation and allow the device to cool down.
	The motor is defective.	1. Contact the authorized Customer Service.
Rollers do not rotate and error message "battery error" appears	The battery is in an unauthorised condition.	1. Switch the device off and on. 2. Contact the authorized Customer Service.
Rollers do not rotate and error message "system error" appears	The device is no longer functional. There are many causes for this, e.g. a cable could be damaged.	1. Contact the authorized Customer Service.

Fault	Cause	Rectification
Rollers do not rotate and error message "blocked rollers" appears	The device has a motor blockage, e.g. due to excessive pressure on the rollers or through movement into a wall/corner.	1. Switch the device off and on.
	The rollers are blocked.	<ol style="list-style-type: none"> 1. Remove the rollers and check whether an object has jammed in the rollers. 2. Check whether the rollers are screwed into the roller holder as far as they will go. 3. Check whether dirt has accumulated in the hair filters in the floor head and remove it. 4. Check that the hair filters are inserted correctly. To do this, remove the hair filters and insert them again.
	The hair filters block the rollers. The rollers are not sufficiently moistened.	<ol style="list-style-type: none"> 1. Press the ON / OFF button. The device switches off. 2. Push the unlocking button for the hair filters inwards and remove the hair filters. 3. Press the ON / OFF button. The device switches on. 4. Moisten the rollers. <ol style="list-style-type: none"> a Activate Boost mode, see <i>General information on operation</i>. b Move the device back and forth until the rollers are sufficiently moistened. <p>Note <i>If the rollers are not sufficiently moistened, remove the rollers, moisten them under the tap and reinsert them.</i></p> <ol style="list-style-type: none"> 5. Insert the hair filters.
Rollers do not rotate and error message "BMS error" appears	The battery management system has recognised an error.	<ol style="list-style-type: none"> 1. Restart the device. 2. If the error message continues to appear, contact authorised Customer Service.
Rollers do not rotate and error message "memory error" appears	An error occurred during the update	<ol style="list-style-type: none"> 1. Start the update again. 2. If the error message continues to appear, contact authorised Customer Service.
Rollers do not rotate and error message "watch-dog error" appears	There is a software error.	<ol style="list-style-type: none"> 1. Restart the device. 2. If the error message continues to appear, contact authorised Customer Service.
The battery is not being charged	The charging plug / mains plug is not connected correctly.	1. Connect the charging plug / mains plug correctly.
The device cannot be switched on	The battery is empty.	1. Charge the battery.
The cleaning and device cleaning functions are greyed out on the LCD display and cannot be started	The charging cable is still in the device.	1. Remove the charging cable, as the cleaning and device cleaning functions are not available when the charging cable is plugged in.
The device rattles loudly when switched on	The rollers are not sufficiently moistened.	<ol style="list-style-type: none"> 1. Moisten the rollers. <ol style="list-style-type: none"> a Activate the Boost mode, see <i>General information on operation</i>. b Move the device back and forth until the rollers are sufficiently moistened. <p>Note <i>If the rollers are not sufficiently moistened, remove the rollers, moisten them under the tap and reinsert them.</i></p>
	The rollers have deformed.	1. Only store the device on the parking station and not on the floor, as the rollers may deform due to the contact pressure.

Fault	Cause	Rectification
The device does not pick up the dirt	The fresh water tank is not sitting properly in the device.	1. Insert the fresh water tank so that it is firmly seated in the device.
	The waste water tank is missing or not properly seated in the device.	1. Insert the waste water tank in the device so that it audibly latches into place. 2. Check whether the cover of the waste water tank is put on correctly (filler tab must be placed in the recess provided).
	The hair filters are missing or not properly seated in the device.	1. Insert the hair filters correctly into the device.
	The rollers are missing or not properly seated in the device.	1. Insert the rollers or turn the rollers onto the roller holder as far as possible.
	The rollers are dirty or worn out.	1. Clean or replace the rollers.
	The rollers are not sufficiently moistened.	1. Moisten the rollers. a Activate the Boost mode, see <i>General information on operation</i> . b Move the device back and forth until the rollers are sufficiently moistened. Note <i>If the rollers are not sufficiently moistened, remove the rollers, moisten them under the tap and reinsert them.</i>
	The fresh water filter is dirty.	1. Clean the fresh water filter. a Remove the fresh water tank and take out the fresh water filter (see <i>Description of the device</i>). b Clean the fresh water filter under running water. c Insert the fresh water filter again.
The rollers are too dry	The rollers are not sufficiently moistened.	1. Moisten the rollers. a Activate the Boost mode, see <i>General information on operation</i> . b Move the device back and forth until the rollers are sufficiently moistened. Note <i>If the rollers are not sufficiently moistened, remove the rollers, moisten them under the tap and reinsert them.</i>
	The fresh water filter is dirty.	1. Clean the fresh water filter. a Remove the fresh water tank and take out the fresh water filter (see <i>Description of the device</i>). b Clean the fresh water filter under running water. c Insert the fresh water filter again.
	The fresh water nozzles on the floor head are blocked.	1. Clean the nozzles on the underside of the floor head with a cloth or soft brush. 2. If the problem persists, contact authorised customer service.

Fault	Cause	Rectification
Poor cleaning result	Rollers were not washed before first use.	1. Wash rollers at 60 °C in the washing machine.
	The rollers are dirty.	1. Clean the rollers.
	The rollers are not sufficiently moistened.	1. Moisten the rollers. a Activate the Boost mode, see <i>General information on operation</i> . b Move the device back and forth until the rollers are sufficiently moistened.
	The wrong detergent or dosage used.	1. Use only KÄRCHER detergents and ensure the correct dosage.
	There are residues of foreign detergents on the floor.	1. Thoroughly remove detergent residues from the rollers with water. 2. Clean the floor several times using the device and clean rollers, without using detergent. This removes all detergent residues from the floor.
	The device's hoses are dirty.	1. Start the rinsing process, see <i>Floor head cleaning by means of rinsing process</i> .
	The hair filters are dirty.	1. Clean the hair filters, see <i>Cleaning the hair filters</i> .
The water absorption is not optimal	The hair filters are not seated properly in the device.	1. Insert the hair filters correctly into the device.
	The rollers are worn out.	1. Replace the rollers.
The device is losing waste water	The waste water tank is full.	1. Empty the waste water tank immediately.
	The waste water tank is not seated properly in the device.	1. Insert the waste water tank in the device so that it audibly latches into place. The waste water tank must sit firmly in the device.
	The hair filters are not seated properly in the device.	1. Check that the hair filters are inserted correctly.
	The waste water tank is damaged.	1. Contact the authorized Customer Service.
The device switches itself off	The automatic device shutdown is activated when the waste water tank has exceeded a volume of 200 ml. The use of detergents from other manufacturers can lead to excessive foam formation and the device shutdown is activated before 200 ml is reached.	1. Empty the waste water tank. 2. Use only KÄRCHER detergents and ensure the correct dosage.
The device hooks into joints during use	The knobs on the underside of the waste water tank are damaged or worn.	1. Contact the authorized Customer Service.
The device cannot be connected to the app	Bluetooth is switched off on one of the two devices.	1. Switch on Bluetooth on both devices.
	The distance between the smartphone and the device is too great.	1. Make sure that the distance between the device and the smartphone is no more than 10 metres.
	The pairing process was performed in the wrong order.	1. Start the pairing process on the device first and then in the app. The pairing menu can be found in the device settings.
Transfer of cleaning modes from the app to the device does not work	The device and the app are not connected via Bluetooth.	1. Check if the device and the app are connected via Bluetooth. The connection can be established via the FC 8 device card in the app.
The device cannot be registered in the app	The part or serial number was not entered correctly during manual registration.	1. Check the part and serial number entered. Both numbers are located on the underside of the floor head.
	The cloud registration service is currently not available.	1. Try registering again at a later time.
	The serial number could not be verified.	1. Contact the authorized Customer Service.

Technical data

FC 8		
Electrical connection		
Voltage	V	100 - 240
Phase	~	1
Frequency	Hz	50 - 60
Degree of protection		IPX4
Device protection class		III
Charger protection class		II
Nominal power of device	W	80
Nominal voltage of battery	V	25,20 - 25,55
Battery type		Li-ion
Operating time when battery is fully charged	min	60
Charging time for an empty battery	h	4
Output voltage of charger	V	30
Output current of charger	A	0,6
Device performance data		
Roller revolutions per minute, Cleaning mode 1	rpm	450
Roller revolutions per minute, Cleaning mode 2	rpm	490
Roller rotations per minute with Boost function	rpm	530
Filling quantity		
Fresh water tank capacity	ml	400
Waste water tank capacity	ml	200
Dimensions and weights		
Weight (without accessories and cleaning fluids)	kg	4,3
Length	mm	310
Width	mm	230
Height	mm	1210

Subject to technical modifications.



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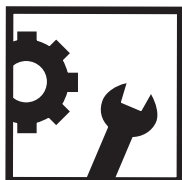


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