



**BOSCH**

**Register** your  
new appliance  
now at MyBosch and  
enjoy benefits free of  
charge:  
**[bosch-home.com/  
welcome](https://bosch-home.com/welcome)**



# Cordless handstick vacuum cleaner

**B\_H4...**

**B\_H2...**

**[en]** Information for Use

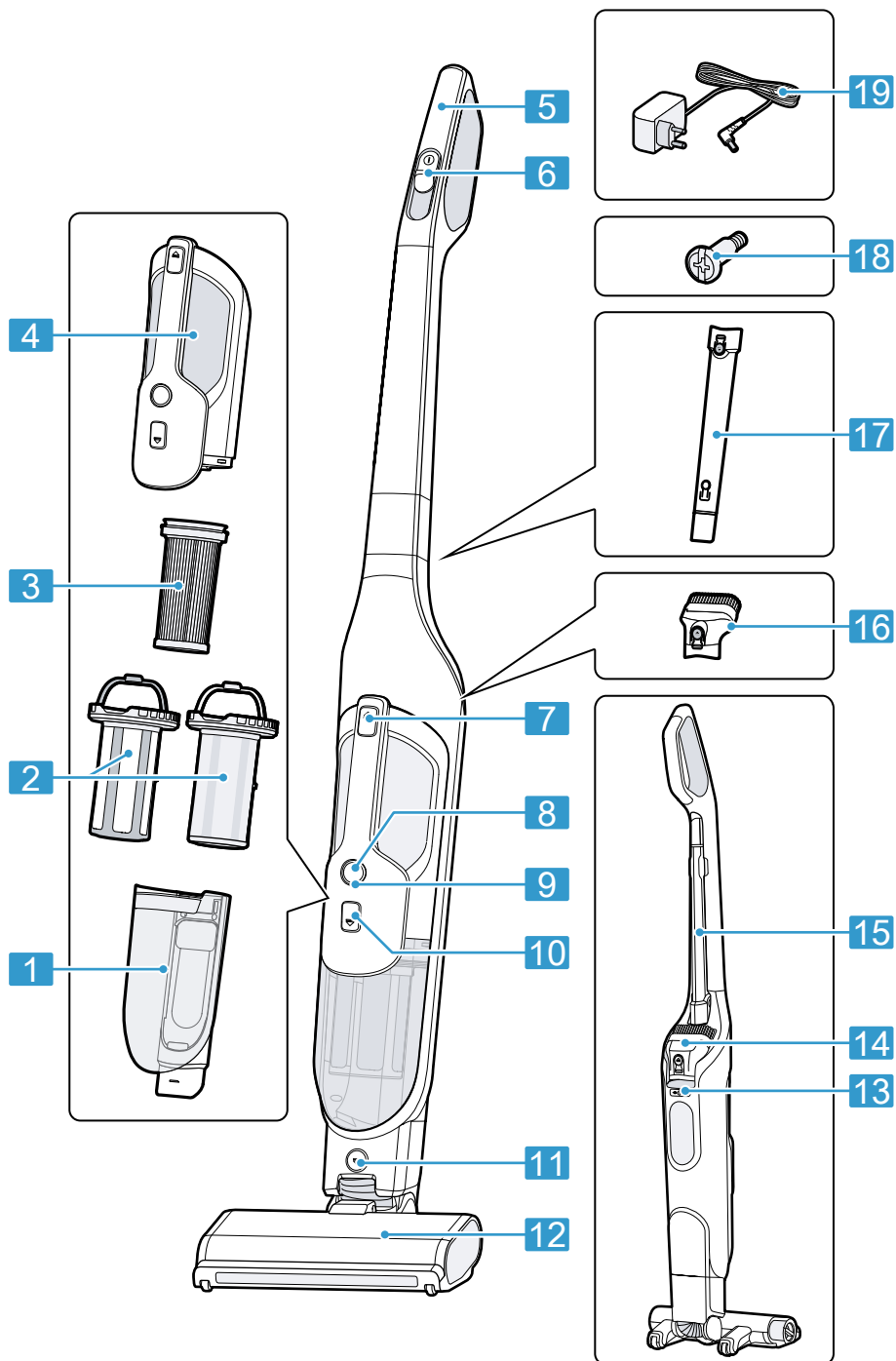


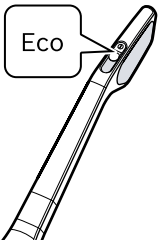
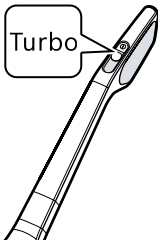
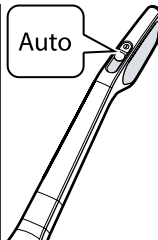
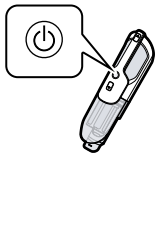


<https://ium-pim.bsh-digital.com/8001370819>

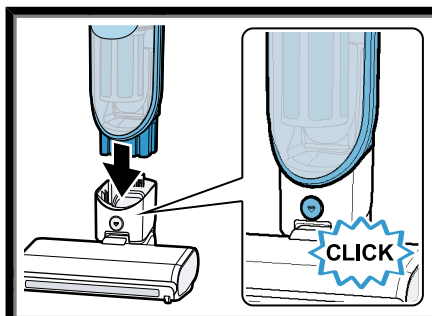
---

**[en]** You can find additional information and explanations online. Scan the QR code on the title page.

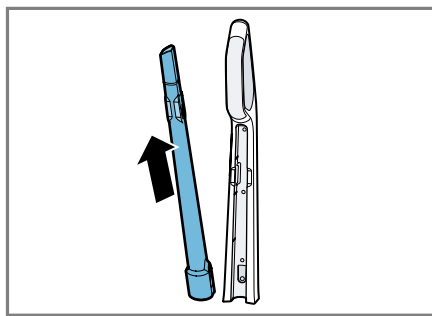


|                            |                                                                                  |                                                                                  |                                                                                  |                                                                                   |
|----------------------------|----------------------------------------------------------------------------------|----------------------------------------------------------------------------------|----------------------------------------------------------------------------------|-----------------------------------------------------------------------------------|
|                            |  |  |  |  |
| 25.2V / 28V <sub>max</sub> | < 60 min                                                                         | < 20 min                                                                         | < 30 min                                                                         | < 50 min                                                                          |

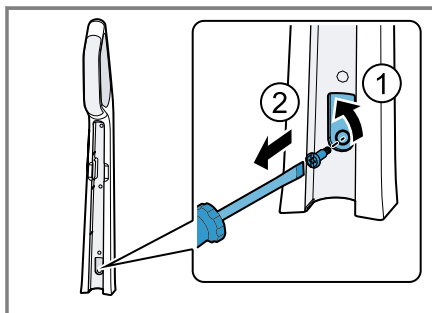
**2**



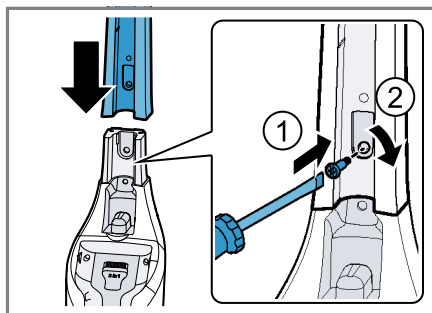
**3**



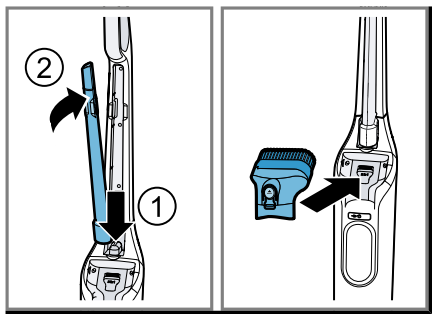
**4**



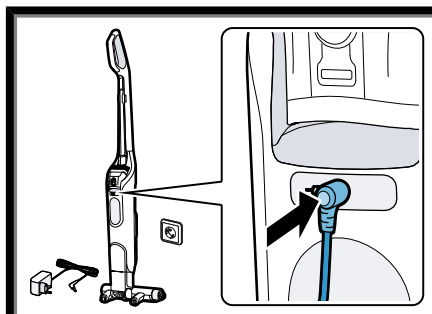
**5**



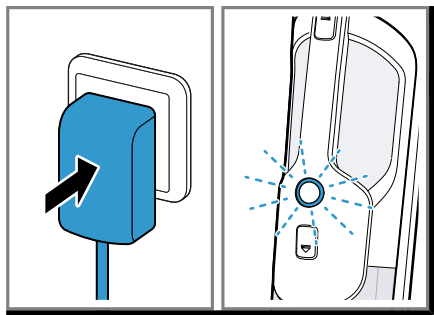
**6**



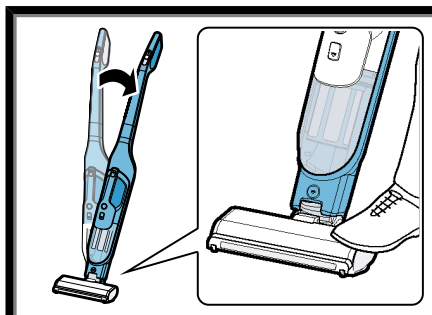
**7**



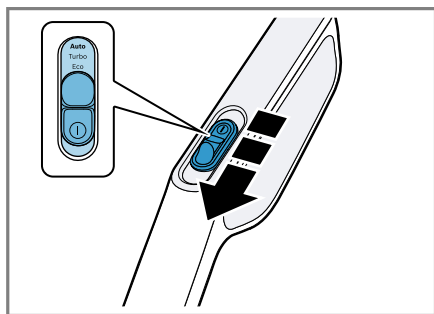
**8**



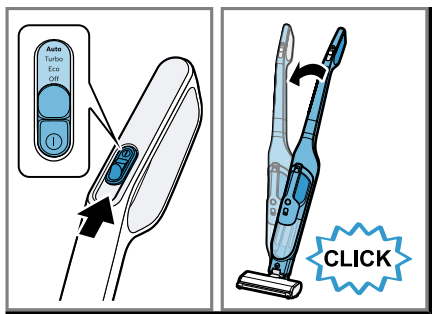
9



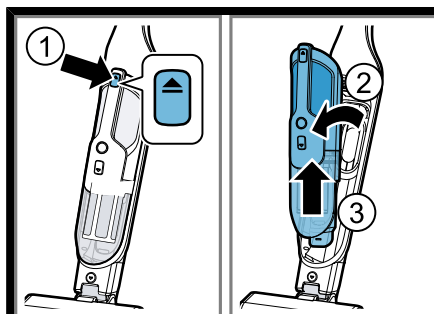
10



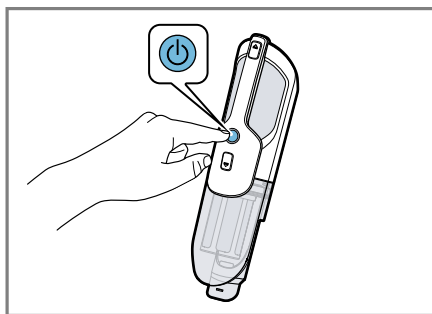
11



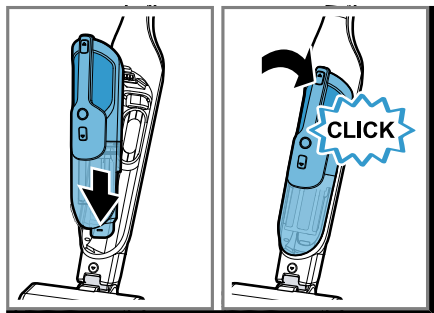
12



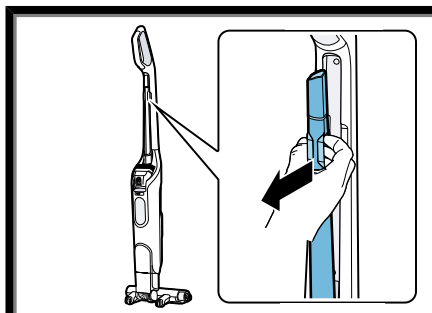
13



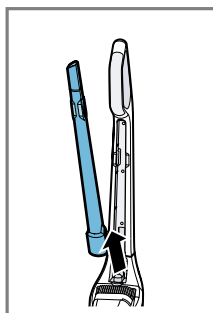
14



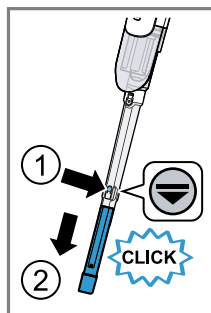
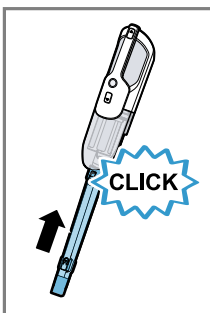
15



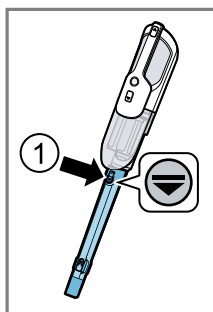
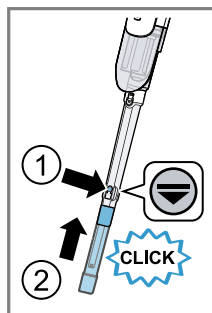
16



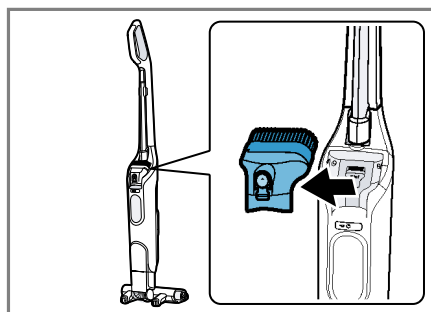
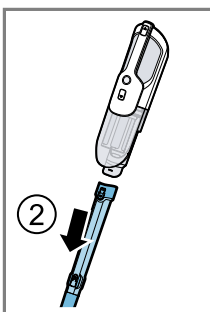
17



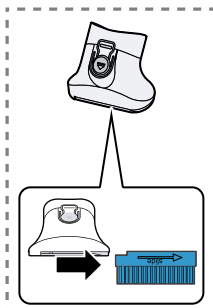
18



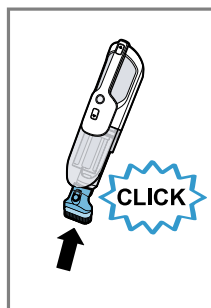
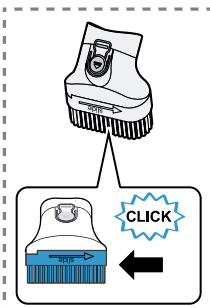
19



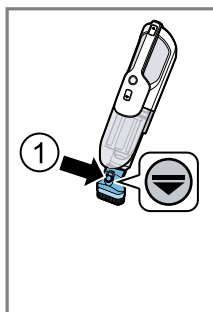
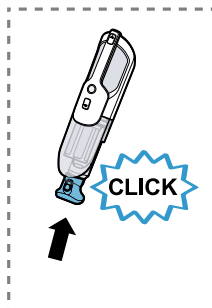
20



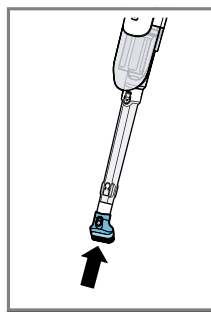
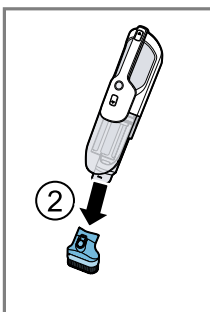
21



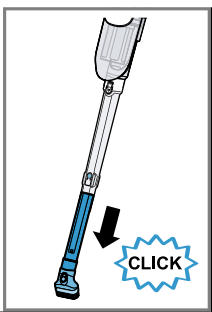
22

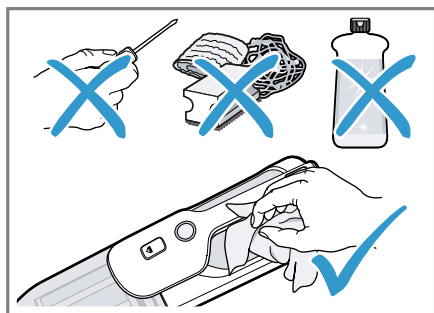


23

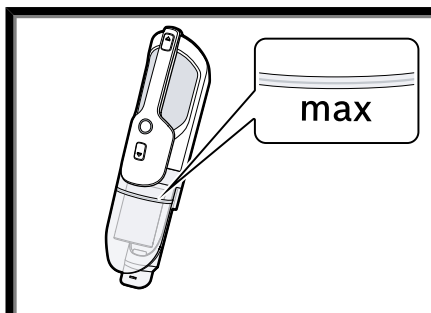


24

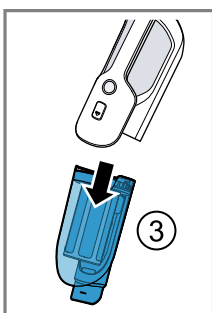
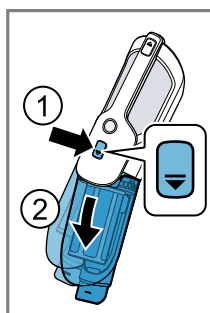




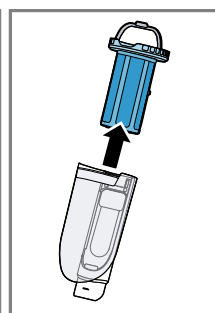
25



26



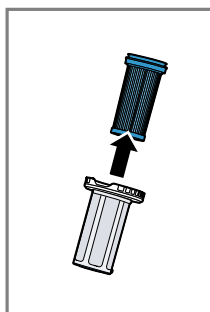
27



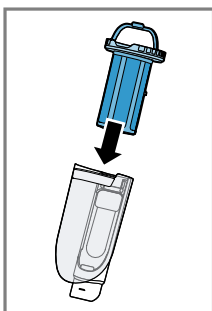
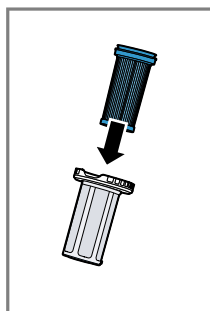
28



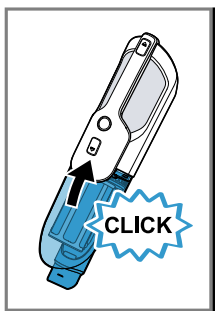
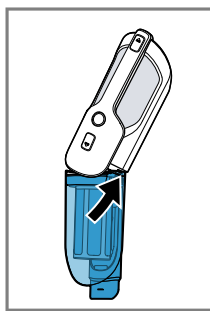
29



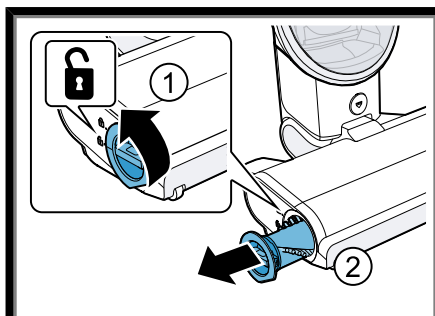
30



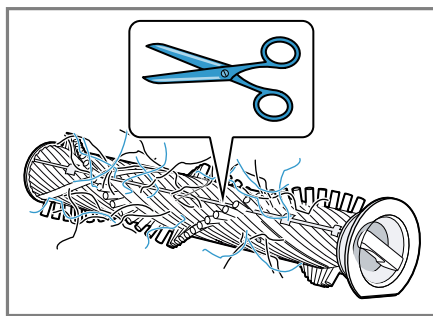
31



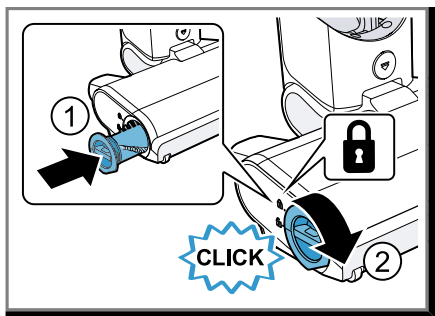
32



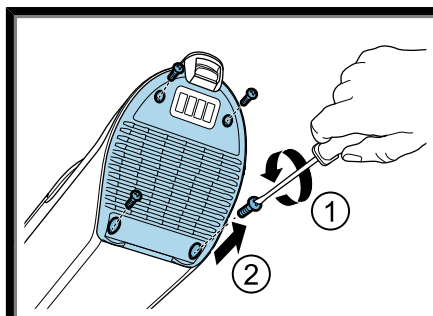
33



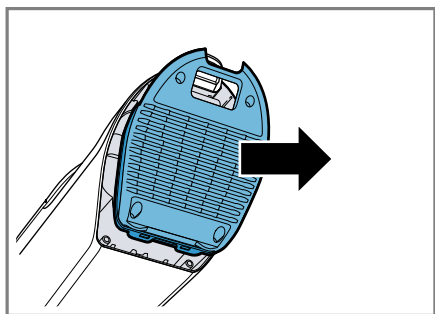
34



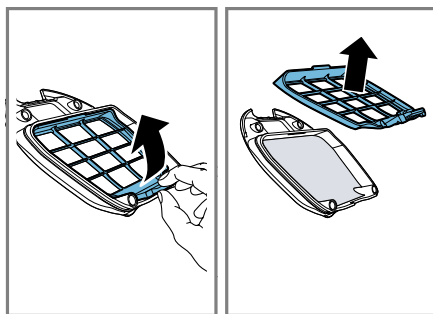
35



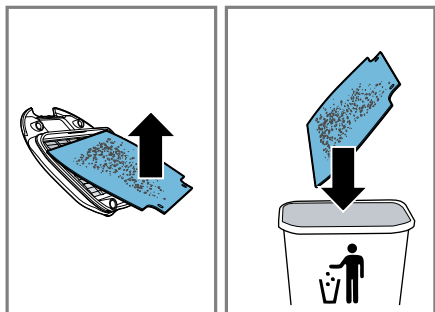
36



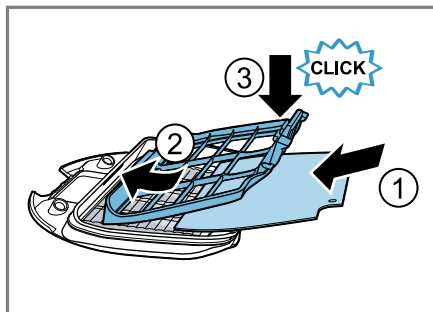
37



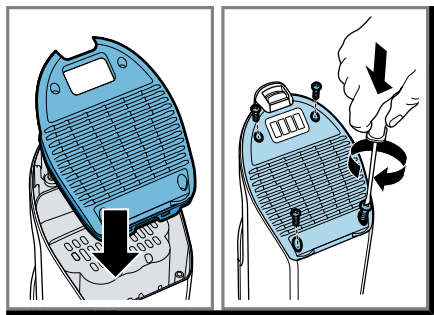
38



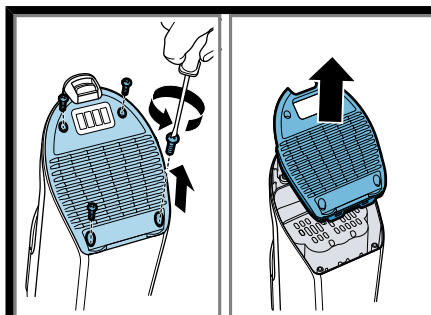
39



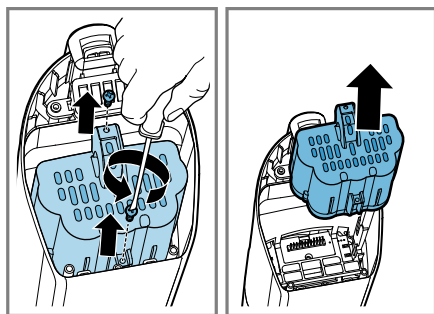
40



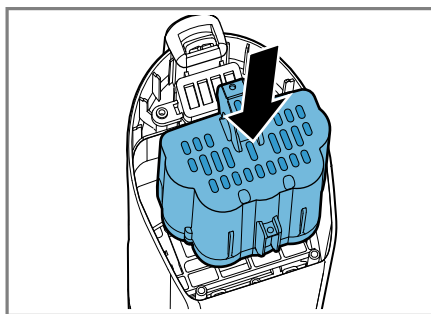
41



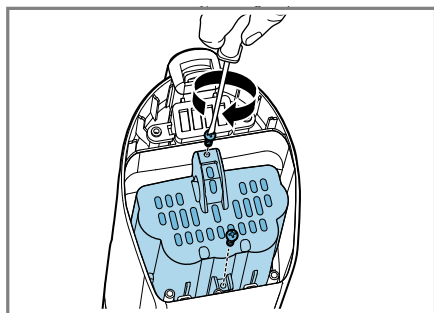
42



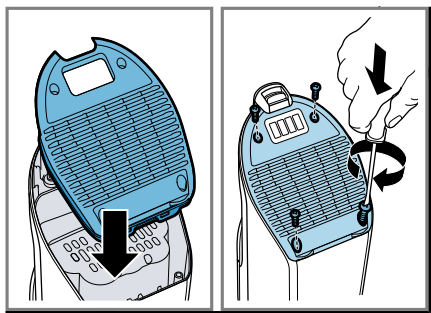
43



44



45



46

# Table of contents

|                                                                |           |                                                                |           |
|----------------------------------------------------------------|-----------|----------------------------------------------------------------|-----------|
| <b>Safety .....</b>                                            | <b>10</b> | Vacuuming with accessories .....                               | 14        |
| <b>Preventing material damage .....</b>                        | <b>12</b> | <b>Cleaning and servicing .....</b>                            | <b>14</b> |
| <b>Familiarising yourself with your appliance .....</b>        | <b>12</b> | Cleaning products .....                                        | 14        |
| Appliance .....                                                | 12        | Cleaning the appliance .....                                   | 14        |
| Battery status display .....                                   | 12        | Emptying the dust container and cleaning the filter unit ..... | 14        |
| Controls and cleaning modes .....                              | 13        | Cleaning the power brush .....                                 | 14        |
| Battery runtimes .....                                         | 13        | <b>Troubleshooting .....</b>                                   | <b>14</b> |
| <b>Operation .....</b>                                         | <b>13</b> | <b>Carrying out maintenance .....</b>                          | <b>16</b> |
| Assembling the appliance before using for the first time ..... | 13        | Replacing the exhaust filter .....                             | 16        |
| Charging the battery .....                                     | 13        | Replacing the battery .....                                    | 16        |
| Vacuuming with the cordless vacuum cleaner .....               | 14        | <b>Disposing of old appliance .....</b>                        | <b>16</b> |
| Vacuuming using the handheld device ..                         | 14        | <b>Disposing of batteries .....</b>                            | <b>16</b> |
|                                                                |           | <b>Customer Service .....</b>                                  | <b>16</b> |

## Safety

- Read this instruction manual carefully.
- Keep the instruction manual and the product information safe for future reference or for the next owner.
- Do not connect the appliance if it has been damaged in transit.

Only use this appliance:

- with genuine parts and accessories. Damage caused by using third-party products is not covered under the warranty.
- With the power supply unit provided.
- For cleaning dry surfaces.
- in private households and in enclosed spaces in a domestic environment at room temperature.
- up to an altitude of max. 2000 m above sea level.

Do not use the appliance:

- for vacuum-cleaning persons or animals.
- for vacuuming up harmful, sharp-edged, hot or burning substances.
- for vacuuming up damp substances or liquids.
- for vacuuming up highly flammable or explosive materials and gases.
- for vacuuming up ash or soot from stoves and central heating systems.
- for vacuuming up toner dust from printers and photocopiers.
- for vacuuming up building rubble.

Disconnect the appliance from the power supply when:

- cleaning the appliance.

This appliance may be used by children aged 8 or over and by people who have reduced physical, sensory or mental abilities or inadequate experience and/or knowledge, provided that they are supervised or have been instructed on how to use the appliance safely and have understood the resulting dangers.

Do not let children play with the appliance.

Cleaning and user maintenance must not be performed by children unless they are being supervised.

- ▶ Repairs to the appliance should only be carried out by trained specialist staff.
- ▶ Only use genuine spare parts when repairing the appliance.
- ▶ Never operate a damaged appliance.
- ▶ Never operate an appliance with a cracked or fractured surface.
- ▶ Never pull on the power cord to unplug the appliance. Always unplug the appliance at the mains.
- ▶ Never pull or carry the appliance by the power cord.
- ▶ If the appliance or the power cord is damaged, immediately unplug the power cord or switch off the fuse in the fuse box.
- ▶ Call customer service. → *Page 16*
- ▶ Only use the appliance in enclosed spaces.
- ▶ Never expose the appliance to intense heat or humidity.
- ▶ Do not use steam- or high-pressure cleaners to clean the appliance.
- ▶ Only connect and operate the power supply unit according to the data on the rating plate.
- ▶ Connect the power supply unit to a power supply with alternating current only via a properly installed socket with earthing.
- ▶ The appliance should only be connected and charged with the power supply provided (type: K20E300050B).
- ▶ Do not apply flammable substances or substances containing alcohol to the filter.
- ▶ When cleaning the appliance, do not use flammable substances or substances that contain alcohol.
- ▶ Keep clothing, hair, fingers and other body parts away from the openings on the appliance and the moving parts.
- ▶ Never point the pipe or the nozzles towards eyes, hair, ears or mouths.

- ▶ Before attempting any maintenance or cleaning of the appliance, remove the motor unit (handheld device) and disconnect the appliance from the power supply.
- ▶ When vacuuming stairs, ensure that there are no persons underneath the appliance.
- ▶ Keep packaging material away from children.
- ▶ Do not let children play with packaging material.
- ▶ Protect the battery against fire, heat and constant sunlight.
- ▶ Protect the battery against water and penetrating moisture.
- ▶ Never open the battery.
- ▶ When not in use, keep the battery away from metal objects, e.g. paper clips, coins, keys, nails or screws.
- ▶ Never charge the battery outside of the appliance.
- ▶ If fumes are escaping from a damaged battery, supply fresh air.
- ▶ If there are any problems, seek medical advice from a doctor.
- ▶ If liquids are escaping from a damaged battery and they come into contact with the skin, rinse immediately with water.
- ▶ If these come into contact with the eyes, seek medical help.

Preventing material damage

- ▶ If liquid escapes from a damaged battery, check and clean any wet objects.
- ▶ Replace damaged objects.
- ▶ Regularly check the running surfaces of the nozzles for wear.
- ▶ Replace worn nozzles.
- ▶ Never use the nozzle without the brush roller in place.
- ▶ Never operate the appliance without the filter unit.

Familiarising yourself with your appliance

Appliance

You can find an overview of the parts of your appliance here.

→ Fig. 1

|   |                           |
|---|---------------------------|
| 1 | Dust container            |
| 2 | Fluff filter <sup>1</sup> |
| 3 | Cartridge filter          |
| 4 | Motor unit                |

|                                                             |                                                                                                                                |
|-------------------------------------------------------------|--------------------------------------------------------------------------------------------------------------------------------|
| 5                                                           | Handle                                                                                                                         |
| 6                                                           | Cordless vacuum sliding switch                                                                                                 |
| 7                                                           | Handheld device release button                                                                                                 |
| 8                                                           | Handheld device push button                                                                                                    |
| 9                                                           | Battery status display                                                                                                         |
| 10                                                          | Dust container release button                                                                                                  |
| 11                                                          | Floor nozzle release button                                                                                                    |
| 12                                                          | Floor nozzle with power brush                                                                                                  |
| 13                                                          | Charging cable connection                                                                                                      |
| 14                                                          | 2-in-1 furniture brush with upholstery nozzle <sup>1</sup>                                                                     |
| 15                                                          | Extendable crevice nozzle <sup>1</sup>                                                                                         |
| 18                                                          | Handle fastening screw                                                                                                         |
| Separate power supply unit with charging cable <sup>1</sup> |                                                                                                                                |
| 19                                                          |  Power supply model identifier: K20E300050B |

Battery status display

The illuminated ring indicates the battery status and various error statuses.

<sup>1</sup> Depending on the appliance specifications

## Status display during operation

| Battery charge     | Illuminated ring             |
|--------------------|------------------------------|
| 100% - 50%         | Display lights up white.     |
| 50% - 25%          | Display lights up yellow.    |
| 25% - 15%          | Display lights up orange.    |
| Below 15% or empty | Display flashes orange.      |
| Error status       | Display rapidly flashes red. |

## Charging status display

The illuminated ring pulses during the charging process.

| Battery charge           | Illuminated ring                                              |
|--------------------------|---------------------------------------------------------------|
| 0% - 50%                 | Display pulses orange.                                        |
| 50% - 80%                | Display pulses yellow.                                        |
| 80% - 100%               | Display pulses white.                                         |
| Battery is fully charged | Display lights up white and goes out after approx. 2 minutes. |

## Controls and cleaning modes

You can set the suction power using the cleaning modes.

### Cordless vacuum cleaner modes

Set the modes using the slide switch on the handle.

| Mode  | Use                                                                                                                    |
|-------|------------------------------------------------------------------------------------------------------------------------|
| Eco   | In <b>Eco</b> mode, the appliance consumes less energy due to lower suction power, and therefore has a longer runtime. |
| Turbo | In <b>Turbo</b> mode, the appliance achieves the best cleaning results with a shorter runtime.                         |
| Auto  | In <b>Auto</b> mode, the appliance optimises the ratio between runtime and suction power.                              |
| Off   | In the off position, vacuuming is stopped.                                                                             |

### Hand-held device mode

To switch the hand-held device on and off, use the push button switch on the hand-held device.

**Note:** To vacuum with the hand-held device, it must be removed from the cordless vacuum cleaner.

| Mode                                                                              | Use                                       |
|-----------------------------------------------------------------------------------|-------------------------------------------|
|  | Handheld mode for routine cleaning tasks. |

**Note:** The maximum battery runtime specified for each cleaning mode refers to vacuuming hard floors.

When vacuuming other surfaces or floor coverings, the battery runtimes may vary.

## Battery runtimes

You can find information about battery runtimes here.

→ Fig. 2

### Notes

- The maximum battery runtimes differ depending on the selected power level and type of battery installed.
- Like every Li-ion battery, the batteries wear out over time, meaning that the battery capacity and the runtime decrease. This is a natural aging process and not the result of a material error, manufacturing error or material defect.
- You can delay the natural wear by using the following measures:
  - Only charge the appliance in the temperature range between 3 °C and 40 °C.
  - Only store the battery in the temperature range between 0 °C and 40 °C.
  - Do not store the battery for an extended period of time if it is fully charged or fully discharged.

## Operation

### Assembling the appliance before using for the first time

→ Fig. 3 - 7

### Charging the battery

#### Notes

- The cordless vacuum cleaner can only be charged and used with the correct handheld device inserted.
- Only charge the appliance using the power supply unit K20E300050B provided.

→ Fig. 8 - 9

**Note:** The power supply unit on the charging cable and the appliance heat up while charging. This is normal and harmless.

**en**    Cleaning and servicing

**Tip:** To check that the battery is full, briefly disconnect it from the mains and then re-connect it. The status display then lights up white.

**Vacuuming with the cordless vacuum cleaner**

→ Fig. 10 - 12

**Vacuuming using the handheld device**

**Note:** If the handheld device is removed from the switched-on vacuum cleaner, the vacuum cleaner stops vacuuming and the handheld device is switched off. If the handheld device is reinserted into the switched-on vacuum cleaner, the vacuum cleaner continues vacuuming in the cleaning mode selected.

→ Fig. 13 - 15

**Note:** If the switched-on handheld device is inserted into the switched-off vacuum cleaner, the handheld device remains switched on.

The handheld device must be switched off using the push button on the hand-held device or by briefly switching the slide switch on the vacuum cleaner on and off.

**Vacuuming with accessories**

→ Fig. 16 - 24

**Cleaning and servicing**

**Cleaning products**

Only use suitable cleaning products.

- ▶ Do not use harsh or abrasive detergents.

- ▶ Do not use cleaning products with a high alcohol content.
- ▶ Do not use hard scouring pads or cleaning sponges.
- ▶ Wash sponge cloths thoroughly before use.

**Cleaning the appliance**

**Requirement:** The appliance is switched off and the charging cable has been unplugged.

1. Remove the handheld device and the accessory nozzles.
2. Clean the appliance and the accessory using a soft cloth and a commercially available plastic cleaner.

→ Fig. 25

**Emptying the dust container and cleaning the filter unit**

Empty the dust container at the latest when the fill level has reached the mark. In order to achieve the best possible vacuuming results, empty the dust container after every use.

**Requirement:** The handheld device is removed from the vacuum cleaner.

→ Fig. 26 - 32

**Cleaning the power brush**

→ Fig. 33 - 35

**Note:** To clean the appliance properly, regularly cut through hair and threads along the grooves using scissors. First, remove any larger pieces by hand. Any remaining smaller hairs and threads will be automatically vacuumed up when you switch on the appliance.

**Troubleshooting**

- ▶ Repairs to the appliance should only be carried out by trained specialist staff.
- ▶ Only use genuine spare parts when repairing the appliance.

| Fault                         | Cause and troubleshooting                                                                                                                 |
|-------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------|
| The appliance is not working. | The battery has not been charged. <ul style="list-style-type: none"><li>▶ Charge the battery.</li></ul> → "Charging the battery", Page 13 |

| <b>Fault</b>                                                                                        | <b>Cause and troubleshooting</b>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       |
|-----------------------------------------------------------------------------------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Appliance is not charging.<br>Battery status display is off.<br>Battery status display flashes red. | <p>Charging cable is faulty.</p> <ul style="list-style-type: none"> <li>► Check the charging cable.</li> </ul> <hr/> <p>Over-/under-temperature protection is activated.</p> <ol style="list-style-type: none"> <li>1. Switch off the appliance and disconnect the appliance from the power supply.</li> <li>2. Wait until the appliance has reached room temperature.</li> </ol> <hr/> <p>Charging cable is not suitable or faulty.</p> <ul style="list-style-type: none"> <li>► Check the charging cable.</li> </ul>                                                                                                                                                                                                                                                                                                                                                                                 |
| The appliance switches off while operating.<br>Battery status display flashes red.                  | <p>Floor nozzle is not connected to the appliance, or is not connected correctly.</p> <ol style="list-style-type: none"> <li>1. Check the connection between the appliance housing and the floor nozzle.</li> <li>2. If necessary, insert the housing into the floor nozzle.</li> </ol> <hr/> <p>Air inlet in the dust container blocked.</p> <ol style="list-style-type: none"> <li>1. Clean the dust container.<br/>→ <i>"Emptying the dust container and cleaning the filter unit", Page 14</i></li> <li>2. If necessary, remove any blockages at the air inlet.</li> </ol> <hr/> <p>Over-/under-temperature protection is activated.</p> <ol style="list-style-type: none"> <li>1. Switch off the appliance and disconnect the appliance from the power supply.</li> <li>2. Wait until the appliance has reached room temperature.</li> </ol>                                                      |
| Brush on the floor nozzle does not turn.                                                            | <p>Brush roller is soiled.</p> <ul style="list-style-type: none"> <li>► Clean the brush roller.</li> </ul>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             |
| The dust container cannot be inserted.                                                              | <p>The filter unit or dust container is not positioned correctly.</p> <ul style="list-style-type: none"> <li>► Check whether the filter unit and dust container are inserted correctly.</li> </ul> <hr/> <p>Locking mechanism on the dust container does not work.</p> <ol style="list-style-type: none"> <li>1. Check the locking mechanism of the dust container.</li> <li>2. Clean it and remove any blockages present.</li> </ol>                                                                                                                                                                                                                                                                                                                                                                                                                                                                  |
| Suction is reduced.<br>Dirt is not fully vacuumed up.                                               | <p>Filter in the dust container is soiled.</p> <ol style="list-style-type: none"> <li>1. Switch off the appliance.</li> <li>2. Clean the filter in the dust container.</li> </ol> <hr/> <p>Brush roller is soiled.</p> <ul style="list-style-type: none"> <li>► Clean the brush roller.</li> </ul> <hr/> <p>Dust container is full</p> <ol style="list-style-type: none"> <li>1. Check the fill level of the dust container.</li> <li>2. Empty the dust container as needed.</li> </ol> <hr/> <p>Air flow in the floor nozzle or in the dust container is blocked.</p> <ol style="list-style-type: none"> <li>1. Switch off the appliance.</li> <li>2. Dismantle the appliance.</li> <li>3. Remove the blockage.</li> </ol> <hr/> <p>The filter unit is not complete.</p> <ul style="list-style-type: none"> <li>► Check whether the filter unit and dust container are inserted correctly.</li> </ul> |
| Dirt escapes from the appliance during operation.                                                   | <p>Filter unit not inserted or faulty.</p> <ol style="list-style-type: none"> <li>1. Check the filter unit for damage.</li> </ol>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      |

| Fault                                             | Cause and troubleshooting                                                                                                                                                                                                                                                                    |
|---------------------------------------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Dirt escapes from the appliance during operation. | <p>2. Assemble the filter unit correctly and insert it into the dust container.</p> <hr/> <p>The filter unit or dust container is not positioned correctly.</p> <ul style="list-style-type: none"> <li>▶ Check whether the filter unit and dust container are inserted correctly.</li> </ul> |

## Carrying out maintenance

You can carry out simple maintenance tasks on your appliance yourself, if necessary.

**Note:** Ensure that you work carefully. No foreign objects, especially conductive objects (e.g. screws), may enter the handheld device while it is open. Conductive objects can cause a short circuit and lead to damage or injury.

### Replacing the exhaust filter

We recommend only replacing the exhaust filter if there is visible soiling or the suction power decreases.

#### Notes

- To avoid damage caused by frequent disassembly, unscrew the rear cover only if necessary.
- You can order the exhaust filter as a spare part at [www.bosch-home.com/service](http://www.bosch-home.com/service).

**Requirement:** The handheld device is removed from the vacuum cleaner.

→ Fig. 36 - 41

### Replacing the battery

#### Notes

- Remove all conductive materials from your body (e.g. jewellery) and from the work area (e.g. screws) before replacing the battery. Conductive materials can cause a short circuit in the battery and lead to damage or injury.
- You can order the battery as a spare part at [www.bosch-home.com/service](http://www.bosch-home.com/service).
- ▶ Protect the battery against fire, heat and constant sunlight.
- ▶ Protect the battery against water and penetrating moisture.
- ▶ Never open the battery.

- ▶ When not in use, keep the battery away from metal objects, e.g. paper clips, coins, keys, nails or screws.
- ▶ Never charge the battery outside of the appliance.
- ▶ Only use original 928BPV252-01 batteries.
- ▶ Do not use non-rechargeable batteries.

**Requirement:** The handheld device is removed from the vacuum cleaner.

→ Fig. 42 - 46

## Disposing of old appliance

- ▶ Dispose of the appliance in an environmentally friendly manner. Information about current disposal methods are available from your specialist dealer or local authority.



This appliance is labelled in accordance with European Directive 2012/19/EU concerning used electrical and electronic appliances (waste electrical and electronic equipment - WEEE). The guideline determines the framework for the return and recycling of used appliances as applicable throughout the EU.

## Disposing of batteries

Batteries should be recycled in an environmentally friendly manner. Do not dispose of the batteries in the household rubbish.

- ▶ Dispose of batteries in an environmentally friendly manner.

## Customer Service

You can obtain function-relevant and storable genuine spare parts from our Customer Service for up to 10 years from the date on which your appliance was placed on the market.

For more information, please contact our Customer Service team.

Detailed information about the warranty period and the warranty conditions in your country is available via the QR code on the enclosed document on service contacts and warranty conditions, from our customer service or on our website.

You can find the contact details for our customer service via the QR code on the enclosed document on service contacts and warranty conditions or on our website.

You can find the information required as per Regulation (EU) 2023/826 online at *www.bosch-home.com* on the product and service pages for your appliance, in the area of user manuals and additional documents.



A series of horizontal lines for writing, starting with a solid line and followed by alternating solid and dashed lines.



A series of horizontal lines for writing, starting with a solid line and followed by alternating solid and dashed lines.



## Many thanks for choosing a Bosch home appliance!

Register your new appliance now on MyBosch and benefit directly from:

- **Expert advice and tips to make the most of your appliance**
- **Options for warranty extension**
- **Discounts on spare parts and accessories**
- **Digital information for use and all appliance data to hand**
- **Easy access to Bosch Home Appliance Service**

Simple to register, free of charge – including on mobile devices:

**[www.bosch-home.com/welcome](http://www.bosch-home.com/welcome)**



## Need some help? You can find it here.

Expert advice on your Bosch home appliances, help with problems or repairs by professionals from Bosch.

Discover all the different ways Bosch can assist you:

**[www.bosch-home.com/service](http://www.bosch-home.com/service)**

The contact details of all countries are listed in the attached service directory.

**BSH Hausgeräte GmbH**  
Carl-Wery-Straße 34  
81739 München, GERMANY  
[www.bosch-home.com](http://www.bosch-home.com)

A Bosch Company

Valid within Great Britain:  
Imported to Great Britain by  
BSH Home Appliances Ltd.  
Grand Union House  
Old Wolverton Road  
Wolverton, Milton Keynes  
MK12 5PT  
United Kingdom



**8001372651** (060114)

en