



# Professional HEAVY DUTY

## GAS 18V-12 MC

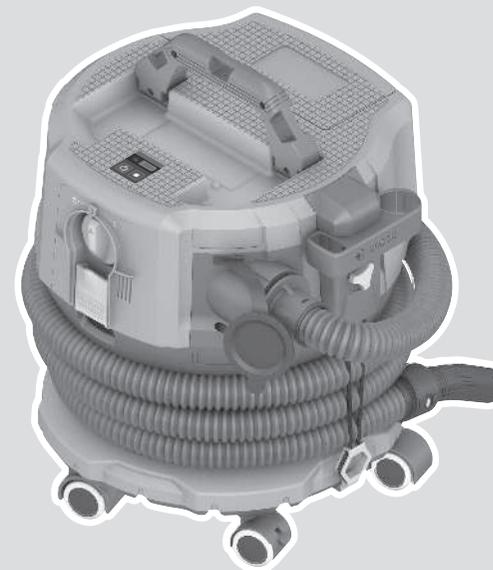
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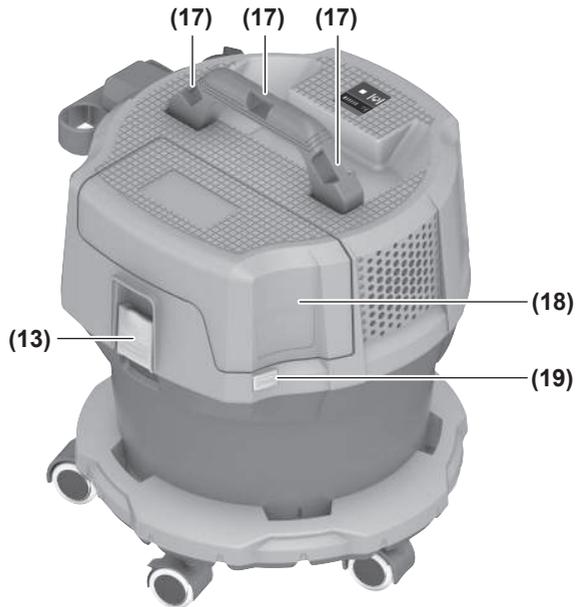
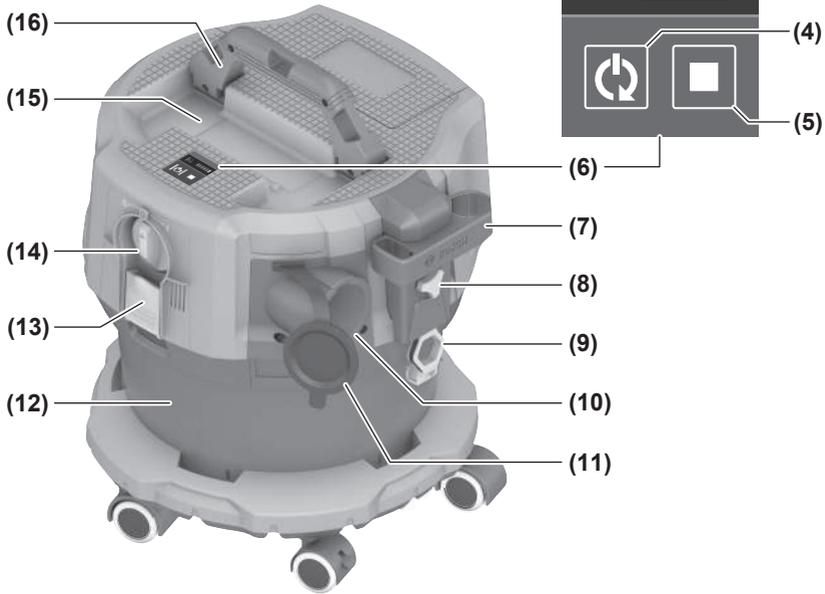
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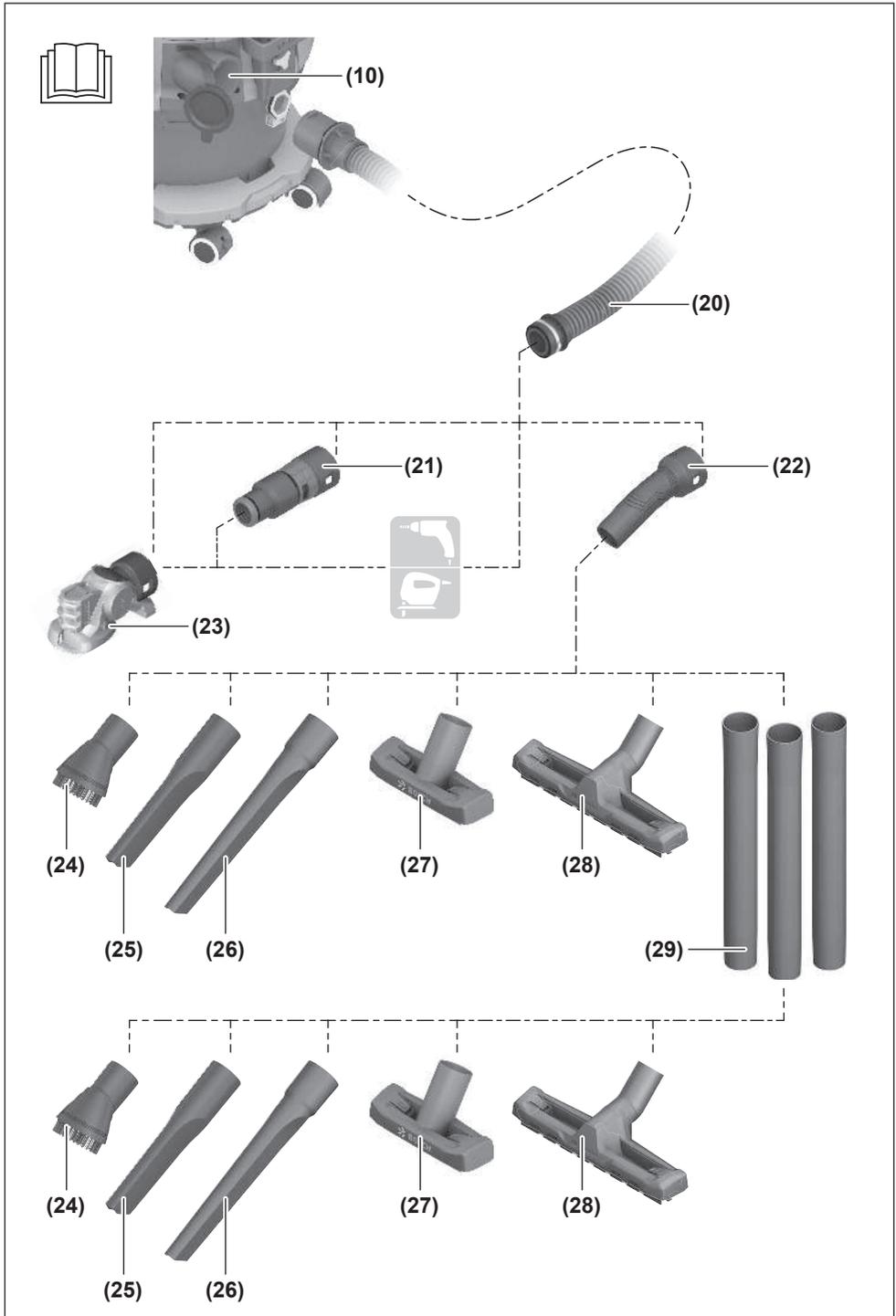


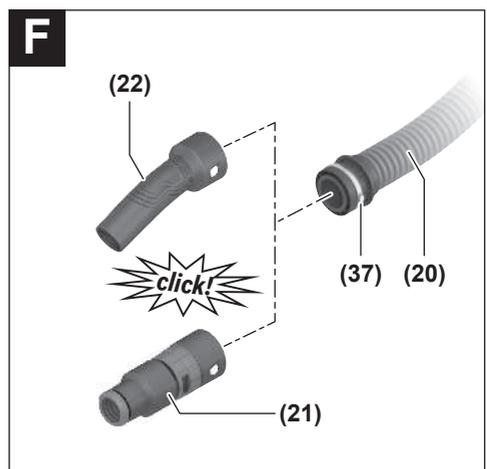
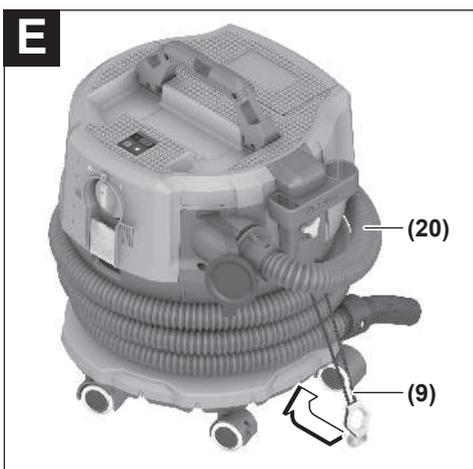
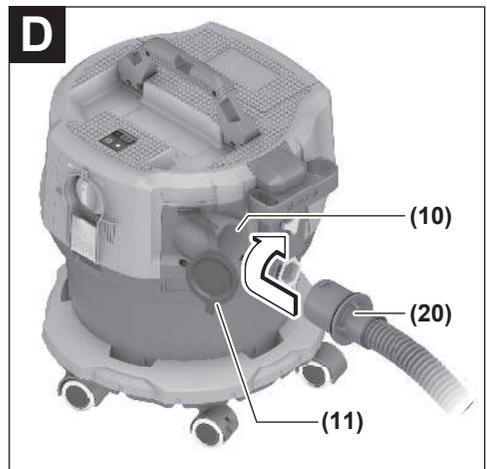
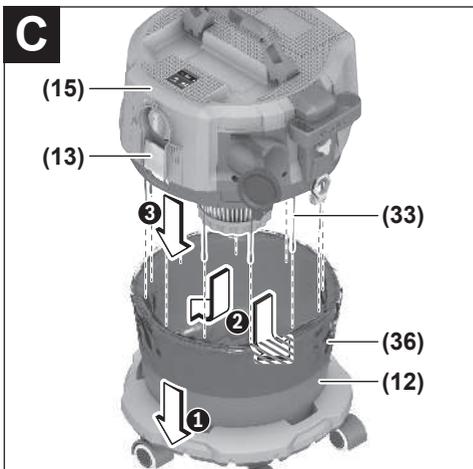
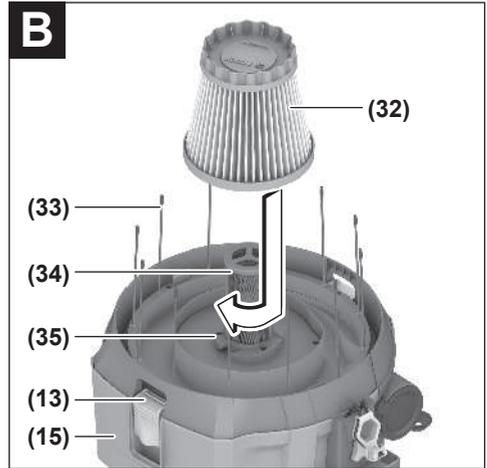
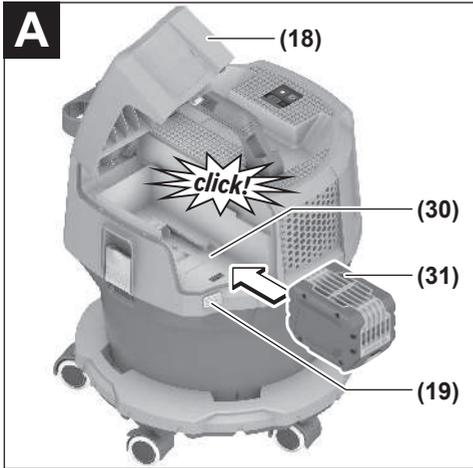
en Original instructions

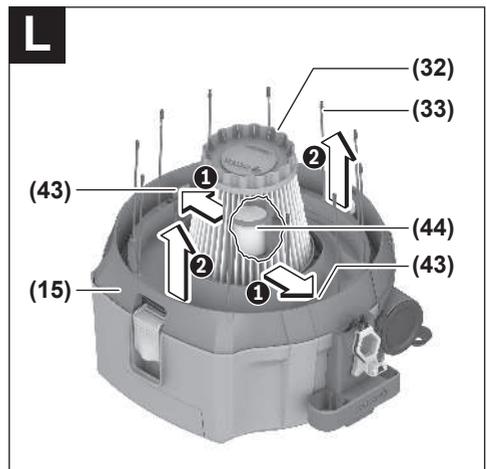
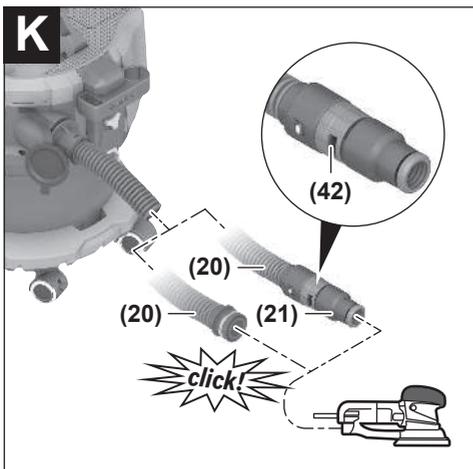
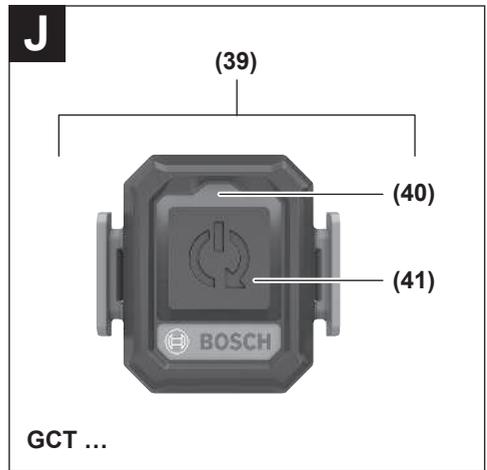
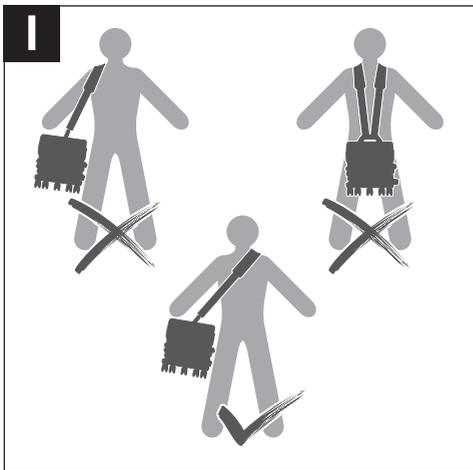
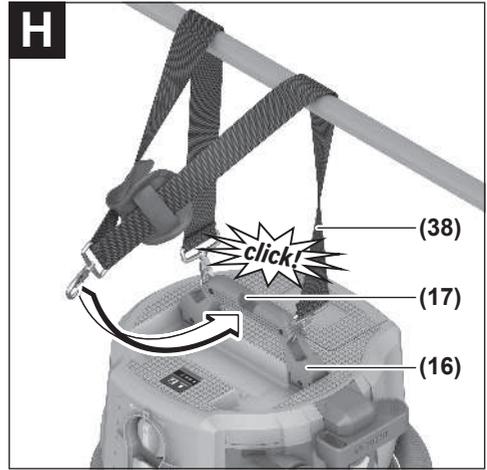
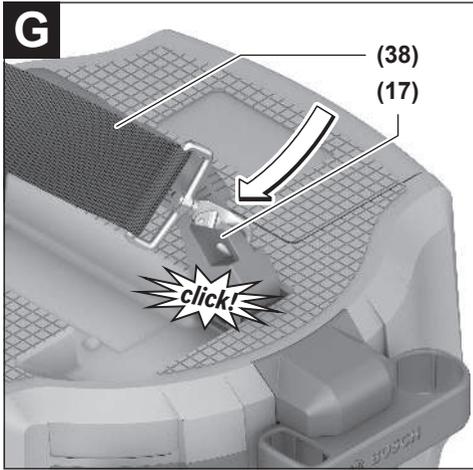


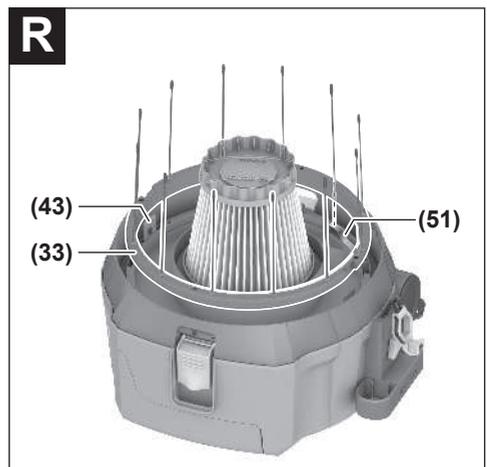
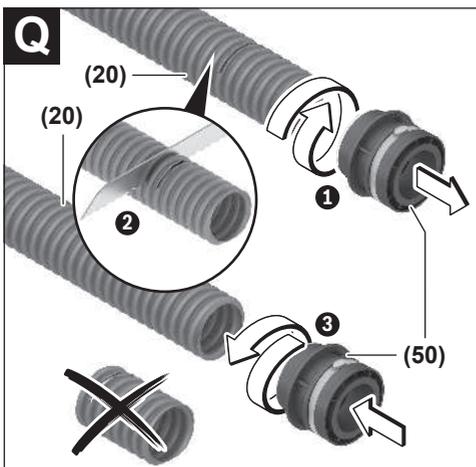
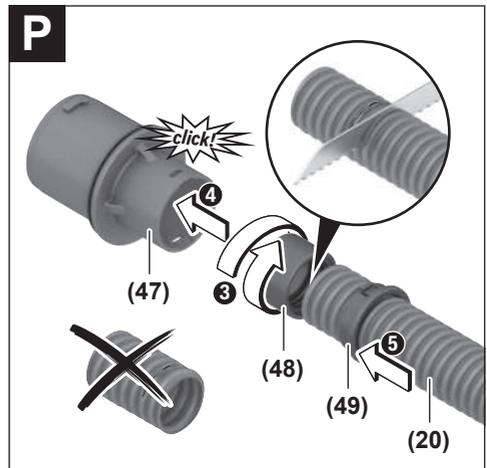
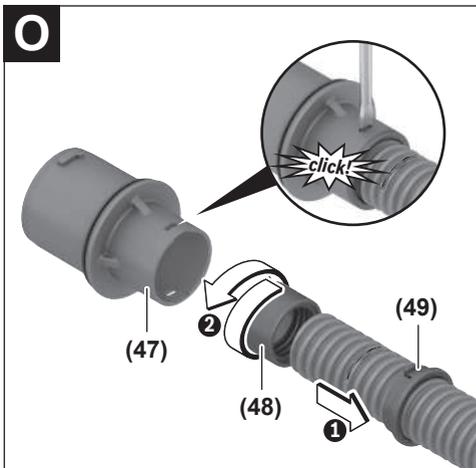
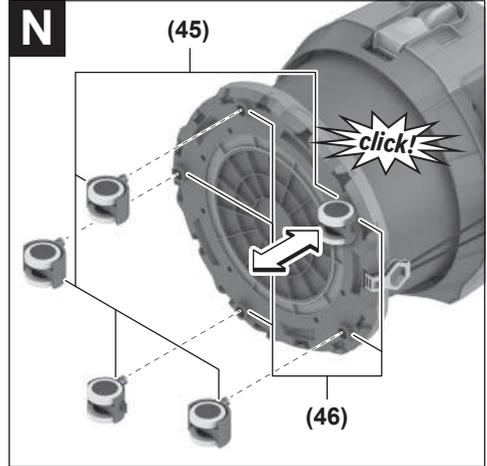
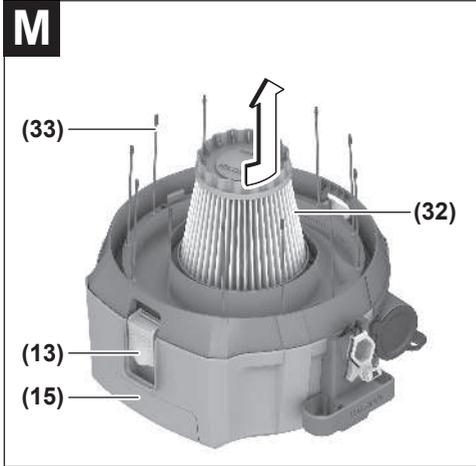












# English

## Safety instructions for dust extractors



**Read all the safety information and instructions.** Failure to observe the safety information and follow instructions may result in electric shock, fire and/or serious injury.

**Save all warnings and instructions for future reference.**

- ▶ **This dust extractor is not intended for use by children or persons with physical, sensory or mental impairments. It should not be used by persons who have insufficient experience and knowledge.** Otherwise, there is a risk of operating errors and injuries.
- ▶ **Supervise children.** This will ensure that children do not play with the dust extractor.
- ▶ **Comply with all safety provisions for the substances being extracted.**

**⚠ WARNING** Never vacuum material that contains asbestos. Asbestos is a carcinogenic substance.

**⚠ WARNING** Only use the dust extractor if you have been adequately informed about the use of the equipment, the substances to be vacuumed and how to dispose of these safely. Thorough instruction on how to use the equipment prevents accidental misuse and injuries.

**⚠ WARNING** The dust extractor is suitable for vacuuming dry substances, and can also be used to vacuum liquids when taking appropriate measures. The penetration of liquids increases the risk of an electric shock.

- ▶ **Do not use the dust extractor to vacuum combustible or explosive liquids, such as petrol, oil, alcohol or solvents. Do not vacuum hot, burning or explosive dust. Do not operate the dust extractor in areas subject to explosion hazards.** Dust, vapours and liquids can ignite or explode.

**⚠ WARNING** If you notice a foam or water leak, switch off the dust extractor immediately and empty the container. Otherwise, the dust extractor can become damaged.

- ▶ **NOTE: The dust extractor must only be stored indoors.**
- ▶ **NOTE: Clean the floater cage regularly by wiping off external dirt with a damp cloth. Clean the float by lightly shaking the dust extractor.** If significant contamination is present which is not removed by this method, contact the Bosch Professional repair service. Do not remove the floater cage, as otherwise coarser contaminants can enter the turbine and damage the dust extractor.
- ▶ **Ensure that the workplace is well ventilated.**
- ▶ **Before using the equipment for the first time, check that the vacuum hose is in perfect condition. Leave**

**the vacuum hose fitted to the dust extractor while doing this so that no dust escapes accidentally.** Otherwise, you may end up inhaling dust particles.

- ▶ **The dust extractor should be repaired exclusively by a qualified professional using only genuine spare parts.** This will ensure that the safety of the dust extractor is maintained.
- ▶ **If the dust extractor is being used in areas containing hazardous substances, then vacuum, wipe or seal the outside of the dust extractor before taking it out of the hazardous area.** All parts of the dust extractor are deemed contaminated and you must ensure appropriate measures are taken to prevent the hazardous substances from spreading.

**⚠ WARNING** The dust extractor contains dust particles that pose a risk to health.

**Emptying and maintenance procedures, including the disposal of dust containers, should only be carried out by professionals. Suitable protective equipment is required. Do not operate the dust extractor unless the complete filter system is correctly inserted.** Otherwise, you are putting your health at risk.

- ▶ **Do not clean the dust extractor by spraying a jet of water directly at it.** Water entering the top of the dust extractor will increase the risk of electric shock.
- ▶ **Do not modify or open the battery.** There is a risk of short-circuiting.
- ▶ **In case of damage and improper use of the battery, vapours may be emitted. The battery can set alight or explode.** Ensure the area is well ventilated and seek medical attention should you experience any adverse effects. The vapours may irritate the respiratory system.
- ▶ **If used incorrectly or if the battery is damaged, flammable liquid may be ejected from the battery. Contact with this liquid should be avoided. If contact accidentally occurs, rinse off with water. If the liquid comes into contact with your eyes, seek additional medical attention.** Liquid ejected from the battery may cause irritation or burns.
- ▶ **The battery can be damaged by pointed objects such as nails or screwdrivers or by force applied externally.** An internal short circuit may occur, causing the battery to burn, smoke, explode or overheat.
- ▶ **When the battery is not in use, keep it away from paper clips, coins, keys, nails, screws or other small metal objects that could make a connection from one terminal to another.** A short circuit between the battery terminals may cause burns or a fire.
- ▶ **Only use the battery in the manufacturer's products.** This is the only way in which you can protect the battery against dangerous overload.
- ▶ **Only charge the batteries using chargers recommended by the manufacturer.** A charger that is suitable for one type of battery may pose a fire risk when used with a different battery.



**Protect the rechargeable battery against heat, e.g. including prolonged sun exposure, fire, water, and moisture.** There is a risk of explosion and short circuit.

- ▶ **If you notice a dust leak, switch off the dust extractor and empty the container.** Failure to do so can damage the dust extractor.
- ▶ **Do not sit on the dust extractor.** You can damage the dust extractor this way.
- ▶ **Do not work with the dust extractor if you are carrying it by the strap.** You could get caught in the carrying strap and fall while vacuuming.
- ▶ **Use the carrying strap only in conjunction with the dust extractor.**
- ▶ **Children must not be allowed to clean or perform maintenance on the dust extractor without supervision.**

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## Symbols

The following symbols may provide you with important information pertaining to the use of your dust extractor. Please take note of these symbols and their meaning. Knowing what these symbols mean will help you to use your extractor more effectively and more safely.

### Symbols and their meaning



**WARNING! Read all the safety and general instructions.** Failure to observe the safety and general instructions may result in electric shock, fire and/or serious injury.



Dust extractor from dust class M in accordance with IEC/EN 60335-2-69 for the **dry extraction** of harmful dusts with an exposure limit of  $\geq 0.1 \text{ mg/m}^3$



**WARNING! The dust extractor contains dust particles that pose a risk to health. Emptying and maintenance procedures, including the disposal of dust containers, should only be carried out by professionals. Suitable protective equipment is required. Do not operate the dust extractor unless the complete filter system is correctly inserted.** Otherwise, you are putting your health at risk.



### Auto-Start function

Extraction of the accruing dust from op-

### Symbols and their meaning

erational power tools that are connected via an Auto-Start Remote **GCT ...**; the dust extractor switches on automatically and then switches off again after a time delay.



### Switching Off



1

### Extraction

Extracting dust deposits

## Product Description and Specifications

Please observe the illustrations at the beginning of this operating manual.

### Intended Use

The dust extractor is intended for collecting, vacuuming, conveying and separating wood chips as well as non-flammable dry dusts, non-flammable liquids and water-air mixtures. The dust extraction capability of the dust extractor has been tested and corresponds to dust class M. It is suitable for the increased demands in professional use, e.g. in trade, industry and workshops.

Dust extractors from dust class M in accordance with IEC/EN 60335-2-69 may only be used to vacuum and extract harmful dust with an exposure limit of  $\geq 0.1 \text{ mg/m}^3$ .

Only use the dust extractor if you can fully evaluate all functions and carry them out without restrictions, or if you have received corresponding instructions.

### Product Features

The numbering of the product features refers to the representation of the dust extractor on the graphic pages.

- (1) Air flow alarm indicator (user interface)
- (2) Statusbar (user interface)
- (3) Rechargeable battery charge indicator (user interface)
- (4) Auto-Start function indicator (user interface)
- (5) Button pairing (user interface)
- (6) User interface
- (7) Holder for accessories
- (8) Locking mechanism for accessories bracket
- (9) Pull strap
- (10) Hose adapter
- (11) Sealing plug for extraction connection
- (12) Container
- (13) Catch for top part of dust extractor
- (14) On/off switch
- (15) Top part of dust extractor
- (16) Carrying handle

- (17) Fastening eyes  
 (18) Battery compartment cover  
 (19) Battery compartment cover release button  
 (20) Vacuum hose  
 (21) Dust extraction adapter  
 (22) Curved nozzle  
 (23) SDS Clean adapter for drilling<sup>a)</sup>  
 (24) Brush  
 (25) Crevice nozzle, short  
 (26) Crevice nozzle, long<sup>a)</sup>  
 (27) Floor nozzle, narrow<sup>a)</sup>  
 (28) Floor nozzle, wide<sup>a)</sup>  
 (29) Suction tube<sup>a)</sup>  
 (30) Battery bay  
 (31) Rechargeable battery<sup>a)</sup>  
 (32) Main filter  
 (33) Bag holder  
 (34) Float cage  
 (35) Filter holder  
 (36) Plastic bag  
 (37) Snap fastener  
 (38) Carrying strap  
 (39) Auto-Start remote **GCT ...**<sup>a)</sup>  
 (40) Status indicator of Auto-Start Remote<sup>a)</sup>  
 (41) Start/stop button for Auto-Start Remote<sup>a)</sup>  
 (42) False air intake of the dust extraction adapter  
 (43) Detents for bag holder  
 (44) Float  
 (45) Castor  
 (46) Castor adapter  
 (47) Hose connector  
 (48) Sealing sleeve at hose end on dust extractor side  
 (49) Locking ring  
 (50) Sealing sleeve at hose end of power tool/nozzle  
 (51) Spring for electrostatic discharge

a) **This accessory is not part of the standard scope of delivery.**

## Technical data

Cordless wet/dry dust extractor		GAS 18V-12 MC	
Article number		<b>3 601 JK2 0..</b>	
Voltage	V		18
Rated power input	W		400
Container volume (gross)	l		12
Net volume (dry)	l		8
Net volume (liquid)	l		6
Vacuum pressure <sup>A)</sup>			

Cordless wet/dry dust extractor		GAS 18V-12 MC	
– Dust extractor <sup>B)</sup>	mbar		140
	hPa		140
– Turbine	mbar		170
	hPa		170
Flow rate <sup>A)</sup>			
– Dust extractor <sup>B)</sup>	l/s		23
	m <sup>3</sup> /h		82.8
– Turbine	l/s		30
	m <sup>3</sup> /h		108
Operating time per battery charge	min/Ah		2.5
Dust class			M
Weight <sup>C)</sup>	kg		7.0
Protection rating			IPX4
Recommended ambient temperature during charging	°C		0 to +35
Permitted ambient temperature during operation <sup>D)</sup> and during storage	°C		-20 to +50
Compatible rechargeable batteries			GBA18V... GBA 18V... ProCORE18V... EXPERT18V... EXBA18V... CORE18V...
Recommended rechargeable batteries for maximum performance			ProCORE18V... ≥ 8 Ah
Recommended battery chargers			GAL18... GAL 18... GAL 36... GAL12V/18... GAL 12V/18... GAX 18... EXAL18...

## Data Transfer

Bluetooth®			Bluetooth® 4.2 (Low Energy)
Operating frequency range	MHz		2402–2480
Max. transmission power	mW		< 1
Signal interval	s		8

## Cordless wet/dry dust extractor **GAS 18V-12 MC**

Max. signal range<sup>E)</sup> m 30

- A) Measured at 20–25 °C with rechargeable battery **ProCORE18V 8.0Ah**
- B) Measured with vacuum hose (20) and curved nozzle (22)
- C) Without rechargeable battery (you can find the battery weight at [www.bosch-professional.com](http://www.bosch-professional.com).)
- D) Limited performance at temperatures < 0 °C
- E) The signal range may vary greatly depending on external conditions, including the **GCT ...** used. The *Bluetooth®* range may be significantly weaker inside closed rooms and through metallic barriers (e.g. walls, shelving units, cases, etc.).

Values can vary depending on the product, scope of application and environmental conditions. To find out more, visit [www.bosch-professional.com/wac](http://www.bosch-professional.com/wac).

### Noise/Vibration Information

Noise emission values determined according to **EN 60335-2-69**.

Typically the A-weighted sound pressure level of the dust extractor is **79 dB(A)**. Uncertainty **K = 2 dB**. The noise level when working can exceed the volume stated. **Wear hearing protection!**

Vibration values  $a_h$  (continuous vibrations),  $p_f$  (repeated shock vibrations) and uncertainty **K** determined according to **EN 60335-2-69**:

$$a_h = 0.1 \text{ m/s}^2 \text{ (K = 0.5 m/s}^2\text{)}, p_f = 2 \text{ m/s}^2 \text{ (K = 1 m/s}^2\text{)}$$

### Rechargeable battery

**Bosch** sells some cordless dust extractors without a rechargeable battery. You can tell whether a rechargeable battery is included with the dust extractor by looking at the packaging.

#### Charging the battery

- ▶ **Use only the chargers listed in the technical data.** Only these chargers are matched to the lithium-ion battery of your dust extractor.

**Note:** Lithium-ion rechargeable batteries are supplied partially charged according to international transport regulations. To ensure full rechargeable battery capacity, fully charge the rechargeable battery before using your tool for the first time.

#### Inserting and removing the Battery (see figure A)

- ▶ **Do not use force to insert the battery.** The battery is designed in such a way that it can only be inserted into the dust extractor when it is in the right position.
- ▶ Keep the battery compartment and the battery bay clean and dry at all times to ensure good, safe operation.
  - Press the release button (19) to open the battery compartment cover (18).
  - Slide the battery (31) into the battery bay (30) until it audibly clicks into place.

- To remove the battery (31), press the release button on the battery and pull it out of the battery bay (30).
- Close the battery compartment cover (18).

**Note:** Due to the filter cleaning system, closing the battery compartment cover requires the use of increased force.

### Battery Charge Indicator

When the rechargeable battery is inserted, you can see the state of charge of the battery on the user interface (6). When the rechargeable battery is removed, you can see this on the battery itself.

#### Battery Charge Indicator on the Dust Extractor

After the dust extractor is switched on, the five green LEDs of the battery charge indicator (3) will light up individually on the user interface one after another in ascending and descending order. Then the LEDs will indicate the state of charge of the battery (31).

#### Battery Charge Indicator on the Rechargeable Battery

If the rechargeable battery is removed from dust extractor, its state of charge may be indicated by the green LEDs of the battery charge indicator on the battery.

Press the button for the battery charge indicator  or  to show the state of charge.

If no LED lights up after pressing the button for the battery charge indicator, then the battery is defective and must be replaced.

**Note:** Not all battery types have a battery charge indicator.

#### Rechargeable battery type GBA 18V... | GBA18V...



LED	Capacity
3 × continuous green light	60–100 %
2 × continuous green light	30–60 %
1 × continuous green light	5–30 %
1 × flashing green light	0–5 %

#### Battery model ProCORE18V... | EXPERT18V... | EXBA18V... | CORE18V...



LED	Capacity
5 × continuous green light	80–100 %
4 × continuous green light	60–80 %
3 × continuous green light	40–60 %
2 × continuous green light	20–40 %
1 × continuous green light	5–20 %
1 × flashing green light	0–5 %

## Battery defect risk detection

### EXPERT18V... | EXBA18V...

In addition to the state of charge of the rechargeable battery, the LEDs on the battery charge indicator can also indicate the risk of a battery defect.

To activate the function, press and hold the button for the battery charge indicator  for 3 seconds. The analysis of the battery is signalled by a moving light on the battery charge indicator. The result of is shown on the battery charge indicator.

 **1 LED:** The rechargeable battery has a high defect risk. Performance and runtime may already be reduced. Replacing the rechargeable battery is recommended.

 **5 LEDs:** The rechargeable battery is in good condition and has a low defect risk.

**Please note:** The rechargeable battery defect risk assessment works in a binary manner and offers a simplified status assessment, indicating either that the rechargeable battery is in good condition or that the rechargeable battery has an increased defect risk. A percentage of the battery status is not shown.

## Recommendations for Optimal Handling of the Battery

Protect the battery against moisture and water.

Only store the battery within a temperature range of -20 to 50 °C. Do not leave the battery in your car in the summer, for example.

Occasionally clean the ventilation slots on the battery using a soft brush that is clean and dry.

A significantly reduced operating time after charging indicates that the battery has deteriorated and must be replaced. Follow the instructions on correct disposal.

## Assembly

► **Remove the battery before cleaning or performing maintenance on the dust extractor, making tool adjustments, changing accessories or placing the dust extractor in storage.** This safety measure prevents the dust extractor from being started accidentally.

### Inserting the Main Filter (see figure B)

The main filter (32) is a HEPA pleated filter with extremely high filtration performance for cleaning exhaust air.

– Open the catches (13) and remove the top part of the dust extractor (15).

**Note:** When removing and setting down the top part of the dust extractor (15), make sure that the rods of the bag holder (33) do not bend or break.

– Place the main filter (32) over the float cage (34) and turn it as far as it will go in the rotational direction  into the filter holder (35).

– Put the top part of the dust extractor (15) on and close the catches (13).

**Note:** Ensure that the filter is always fitted correctly. This is particularly important when vacuuming hazardous dust.

### Inserting/removing the plastic bag (dry extraction) (see figure C)

**Note:** When removing and setting down the top part of the dust extractor (15), make sure that the rods of the bag holder (33) do not bend or break.

Open both catches (13) and remove the top part of the dust extractor (15).

For dry extraction, insert a plastic bag (36) into the container (12).

Insert the plastic bag (36) into the container (12)  with the inlet facing upwards.

Make sure that the plastic bag (36) touches all the inside walls of the container (12) .

Fold the rest of the plastic bag (36) over the edge of the container (12).

Put the top part of the dust extractor (15) back on  and close the dust extractor using the catches (13).

► **Ensure that the dust extractor is always properly closed.**

**Note:** Make sure when replacing the top part of the dust extractor (15) that you do not pierce the plastic bag (36) with the rods of the bag holder (33).

Seal the plastic bag **before** you remove it. To do this, remove the white strip from the plastic bag, hold the bag together at the top and use the strip to tie up the bag.

### Fitting the Bracket for Extractor Accessories

Insert the bracket for extractor accessories (7) into the adapter provided.

Lock the bracket for extractor accessories (7) by turning the locking mechanism for the accessories bracket (8) clockwise.

### Fitting/attaching the vacuum hose

#### Fitting the vacuum hose (see figure D)

Pull the sealing plug (11) out of the hose adapter (10).

Attach the vacuum hose (20) to the hose adapter (10) and turn it clockwise as far as it will go.

► **Always seal the extraction connection with the sealing plug whenever you remove the vacuum hose.** This prevents dust from escaping.

#### Attaching the Vacuum Hose to the Dust Extractor (see figure E)

Wrap the fitted vacuum hose (20) around the dust extractor. Pull the pull strap (9) down and hook it into one of the 3 grooves you can reach out of the total 15 grooves.

## Fitting the Vacuuming Accessories

The vacuum hose (20) is equipped with a clip system which can be used to connect vacuuming accessories (dust extraction adapter (21), curved nozzle (22)).

### Fitting the extraction adapter or curved nozzle (see figure F)

Fit the extraction adapter (21) or the curved nozzle (22) to the vacuum hose (20) until the two snap fasteners (37) on the vacuum hose audibly click into place.

To remove the adapter, press the snap fasteners (37) inwards and pull apart the components.

### Fitting the Nozzles and Tubes

If required, place the suction tubes (29) firmly inside one another and then attach them firmly to the curved nozzle (22).

Attach a floor nozzle (27)/(28), a crevice nozzle (25)/(26) or the brush (24) firmly to the suction tube (29) or the curved nozzle (22).

## Carrying strap

### Attaching the carrying strap (see figure G)

#### ► The carrying strap is only intended for carrying and attaching the dust extractor!

Click the snap hooks of the carrying strap (38) into the fastening eyes (17) of the dust extractor.

### Hanging up the Dust Extractor using the Carrying Strap (see figure H)

Only hang the dust extractor on objects that can safely support the weight of the full dust extractor.

Place the carrying strap (38) fitted on the dust extractor over a horizontal object (e.g. a bar) or pull the upper end of the loop through a hook or eye. Click the middle snap hook of the carrying strap into the centre fastening eye (17) of the carrying handle (16).

### Using the Carrying Strap as a Shoulder Strap (see figure I)

You can use the carrying strap as a shoulder strap.

To do so, simply hang the carrying strap fitted to the dust extractor over your shoulder. When doing so, make sure you adhere to the correct carrying position shown in the figure I.

## Operation

- **Remove the battery before cleaning or performing maintenance on the dust extractor, making tool adjustments, changing accessories or placing the dust extractor in storage.** This safety measure prevents the dust extractor from being started accidentally.

When operating the dust extractor, ensure that the lockable castors on the dust extractor are blocked to prevent the dust extractor from rolling away unintentionally. Test the correct functioning of the castors on the relevant surface before operation.

## Starting Operation

- **Make sure you inform yourself about the applicable regulations/laws on how to handle harmful types of dust in your country.**

The dust extractor may be used for vacuuming and extracting the following materials:

- Dusts with an exposure limit of  $\geq 0.1 \text{ mg/m}^3$

The dust extractor must categorically not be used in potentially explosive areas.

- **Make sure that the working area is safe.**
- **Ensure that the work area is clean and tidy to minimise the risk of tripping.**
- **Before extraction, ensure that the battery compartment cover is securely closed.**

**Note:** In order to comply safely with dust class M and to ensure a maximum application time ProCORE batteries with a capacity of 8 Ah or 12 Ah are recommended.

To ensure optimum suction power, you must always fully unwind the vacuum hose (20).

- **Ensure that the dust extractor is always properly closed.**
- **Do not use damaged filters (e.g. no cracks, small holes, etc.). Replace any damaged filters immediately.**

## Switching On and Off

To **switch on** the dust extractor, turn the on/off switch (14) to position **1**.

To **switch on the Auto-Start function**, turn the on/off switch (14) to position . The Auto-Start function indicator (4) lights up. The dust extractor can be started automatically if it is connected to a power tool via Auto-Start Remote GCT ....

To **switch off** the dust extractor, turn the on/off switch (14) to position **0**.

## User interface

The user interface (6) is used as follows:

- As a status indicator for the dust extractor
- For establishing a connection to an Auto-Start Remote GCT ... (39)

## Status indicators

Status bar	Auto-Start function indicator <sup>A)</sup>	Air flow alarm indicator	Meaning
Green	–	–	Dust extractor is switched on and ready to use.
Green	Green	–	Dust extractor is ready to use and connected to an Auto-Start Remote.
Yellow	–	–	Battery almost empty
Yellow	Yellow	–	No Auto-Start Remote found
Yellow	–	Flashing yellow	Air Flow Alarm
Red	–	–	Rechargeable battery empty, restart protection triggered or temperature alarm for dust extractor or rechargeable battery
Slowly flashing blue	Slowly flashing blue	–	Connection to the Auto-Start Remote is automatically being re-established, following a switch-on of the Auto-Start function.
Rapidly flashing blue	1 × flashing blue	–	Connection to the Auto-Start Remote is being sought and newly established.
Illuminated blue (2 s)	Illuminated blue (2 s)	–	Connection to the Auto-Start Remote has been successfully established
4 × flashing blue (interval of 1.5 s)	–	–	Reset is being initiated.

A) The Auto-Start function indicator (4) only lights up if the on/off switch (14) is in the  position.

### Establishing a Connection to the Auto-Start Remote (Accessory) (see figure J)

To be able to use the Auto-Start function, the dust extractor must be connected via *Bluetooth®* to an Auto-Start Remote **GCT ... (39)**.

For this, the dust extractor and the Auto-Start Remote must be located in the immediate vicinity of one another.

If the on/off switch (14) of the dust extractor is turned to the  position, the dust extractor automatically begins searching for an Auto-Start Remote **GCT ...**. The statusbar (2) and the Auto-Start function indicator (4) slowly flash blue.

#### Reconnection to a known Auto-Start Remote:

If the dust extractor has already been connected to an Auto-Start Remote **GCT ...** and this Auto-Start Remote is functional and within range, the connection to this Auto-Start Remote is automatically re-established.

**Establishment of a new connection** (first-time connection or connection to another Auto-Start Remote):

- Press and hold the pairing button (5) on the dust extractor until the statusbar (2) begins rapidly flashing blue.
- Then **promptly** press and hold the start/stop button (41) on the Auto-Start Remote (39) until the status indicator (40) on the Auto-Start Remote flashes blue twice.

#### Connection successfully established:

- The statusbar (2) and the Auto-Start function indicator (4) on the dust extractor light up green.

- The status indicator (40) on the Auto-Start Remote flashes green once.

**Connection could not be established** (after several minutes):

- The statusbar (2) and the Auto-Start function indicator (4) on the dust extractor light up yellow.
- The status indicator (40) on the Auto-Start Remote lights up red.

When the dust extractor is switched off, the connection to the Auto-Start Remote **GCT ...** is saved. After it has been switched on again, the dust extractor attempts to re-establish connection to the same Auto-Start Remote automatically.

#### Resetting to Factory Settings (Reset)

If necessary, you can reset the saved settings (connections to the Auto-Start remote) as well as error messages. To do so, press and hold the pairing button (5) until the status bar (2) flashes blue four times in intervals of 1.5 s.

## Dry Vacuuming

### ► The dust extractor must not be used without a filter.

For dry extraction, the main filter (32) must be dry and a plastic bag (36) must be used (see "Inserting/removing the plastic bag (dry extraction)" (see figure C)", page 12).

## Extracting dust that accumulates from working power tools (see figure K)

- **There must be a sufficient air exchange rate in the room when the exhaust air comes back into the room. Be aware of the corresponding national regulations.**

Connect the extraction outlet of the power tool and the vacuum hose (20) either directly or via the dust extraction adapter (21) (see "Fitting the extraction adapter or curved nozzle (see figure F)", page 13).

**Note when using the dust extraction adapter:** When working with power tools that have a low air feed into the vacuum hose (e.g. jigsaws, sanders, etc.), the false air intake (42) of the dust extraction adapter (21) must be opened. This will improve the total output of the dust extractor and the power tool. To do this, turn the ring above the false air intake (42) until the opening is at its maximum size.

The SDS Clean adapter (23) can be used for dust extraction when drilling. Make sure to observe the corresponding operating instructions when using this.

With the **Auto-Start function**, you can automatically switch the dust extractor on and off with the power tool using the Auto-Start remote (39):

- Turn the on/off switch (14) to position . The Auto-Start function indicator (4) lights up to indicate that the function is switched on.
- Connect the dust extractor to the Auto-Start Remote (see "Establishing a Connection to the Auto-Start Remote (Accessory) (see figure J)", page 14). When fitting the Auto-Start Remote (39) to the power tool, observe the operating instructions of the Auto-Start remote.
- To **switch on** the dust extractor, switch on the connected power tool. The dust extractor will start automatically.
- **Make sure that the dust extractor has started after the power tool has been switched on.**
- To **switch off** the dust extractor, switch off the power tool. The extraction comes to an end after the run-on time (6 s).  
During the run-on period, the residual dust is extracted from the vacuum hose.

## Air Flow Alarm

The air flow alarm is automatically triggered as soon as the air flow falls below the minimum value set by the relevant standard. When an air flow alarm is triggered, the air flow alarm indicator (1) flashes yellow and the statusbar (2) lights up yellow.

Switch off the dust extractor and eliminate the cause of the alarm.

After each step, check whether the air flow alarm is still activated by switching on the dust extractor. In this case, switch off the dust extractor and perform the following actions. Proceed as follows:

- Check that there is sufficient air flow through the connected power tool.  
Open the false air intake (42) of the dust extraction adapter (21) or the false air intake of the power tool completely.

- Check the state of charge of your rechargeable battery. If the rechargeable battery is running low on power, charge or change the rechargeable battery.
- Check the plastic bag (36).  
If it is full, switch it out for another one.
- Disconnect the vacuum hose (20) from the dust extractor.  
If this ends the air flow alarm, check the vacuum hose (20) for kinks and remove any suction residues in the hose or the fitted nozzles.
- Activate the manual filter cleaning (see "Manual Filter Cleaning", page 15).
- Clean the main filter (32) (see "Cleaning/replacing filters", page 16).
- Change the main filter (32).

If all measures have been carried out to no success, contact an authorised **Bosch** after-sales service centre.

## Manual Filter Cleaning

- **Only carry out the filter cleaning with the dust extractor switched off and the turbine stationary.**

The filter cleaning function should be activated at the very latest when the suction power is no longer sufficient.

How often filter cleaning needs to be carried out will depend on the type and quantity of dust that has been extracted.

With regular use, the maximum conveying capacity will be maintained for longer.

For the filter cleaning, open and close the battery compartment cover (18). This sets the filter into vibration. Opening and closing multiple times (up to three times) will improve cleaning.



You can find a video on manual filter cleaning via this QR code.

## Electrostatic discharge

The friction generated by the dust in the vacuum hose and accessory during vacuuming causes an electrostatic charge that may be perceptible as static discharge (depending on environmental factors and physiological state).

This dust extractor is fitted with a conductive vacuum hose (20) as standard. This vacuum hose (20) is electrically connected to the bag holder (33) via the hose adapter (10). Therefore, if the vacuum hose (20) comes into contact with the floor, an electrostatic discharge is possible.

## Wet Vacuuming

- **Do not use the dust extractor to vacuum combustible or explosive liquids, such as petrol, oil, alcohol or solvents. Do not vacuum hot, burning or explosive dust. Do not operate the dust extractor in areas subject to explosion hazards.** Dust, vapours and liquids can ignite or explode.
- **The dust extractor must not be used without a filter.**

**Note:** When removing and setting down the top part of the dust extractor (15), make sure that the rods of the bag holder (33) do not bend or break.

#### Before Starting Wet Extraction (see figure L)

Empty the container (12) and remove the plastic bag (36). Press the detents (43)  and remove the bag holder (33) .

#### During and after wet vacuuming

The dust extractor is equipped with a float (44). Extraction is stopped when the maximum filling level is reached. The container (12) should then be emptied.

**Note:** If the container (12) is not emptied in a timely manner, the main filter (32) will also become filled with fluid. In this case, remove the main filter (32) and empty it as well (see "Cleaning/replacing filters", page 16).

After the work is complete, to prevent the formation of mould, remove the top part of the dust extractor (15) and the main filter (32) and allow both components to dry thoroughly.

## Maintenance and Service

### Maintenance and Cleaning

- ▶ **Remove the battery before cleaning or performing maintenance on the dust extractor, making tool adjustments, changing accessories or placing the dust extractor in storage.** This safety measure prevents the dust extractor from being started accidentally.
- ▶ **To ensure safe and efficient operation, always keep the dust extractor and the ventilation slots clean.**
- ▶ **Wear a dust mask when servicing and cleaning the dust extractor.**

Clean the housing of the dust extractor occasionally with a damp cloth.

Clean dirty charging pins using a dry cloth.

- ▶ **Do not use compressed air to clean the dust extractor.**

The filter or other components may become damaged.

At least once a year a technical inspection of the dust extractor must be carried out by the manufacturer or someone who has been trained (e.g. to check for filter damage, to check that the dust extractor is tight and that the control unit is in perfect working order).

#### Cleaning and maintenance after extracting hazardous substances

- All parts that may have come into contact with the hazardous substances must be considered contaminated.
- Vacuum, wipe down and seal the outside of the dust extractor thoroughly before removing it from the area containing the hazardous substances.
- Only clean, dismantle and perform maintenance on the dust extractor if this can be done without endangering yourself or other persons. Wear personal protective equipment for cleaning and maintenance tasks. Undertake the work in a well ventilated room.

- First clean the outside of the dust extractor before dismantling it.
- All parts of the dust extractor that cannot be adequately cleaned must be disposed of in impermeable bags. Please observe the applicable regulations for the disposal of such waste.
- Clean the maintenance area after completing the work.

#### Cleaning the container

Wipe the container (12) from time to time using a non-abrasive off-the-shelf cleaning product and leave it to dry.

#### Cleaning/replacing filters

The suction power is dependent on the condition of the filter. Therefore, the filter should be cleaned regularly.

Replace any damaged filters immediately.

- Open the catches (13) and remove the dust extractor lid (15).
- Take hold of the main filter (32) at the end piece (not at the flaps). Turn it as far as it will go in the rotational direction  and then remove it (see figure M).
- If the filter is dry:
  - Tap the main filter (32) on the side of a suitable waste bin. When doing so, ensure that you do not damage the flaps on the filter.
  - To achieve maximum suction power, brush down the flaps of the filter using a soft brush.
  - or
  - If the filter is wet:
    - Rinse the main filter (32) under running water and then leave it to dry thoroughly.
    - or
    - Replace the main filter (32) if it is damaged.
- Place the main filter (32) over the float cage (34) and turn it as far as it will go in the rotational direction  into the filter holder (35) (see figure B).
- Replace the dust extractor lid (15) and close the catches (13).
  - Make sure that the catches engage firmly.

#### Replacing castors (see figure N)

Only use rollers as per EN 12529 (diameter of fastening pin 11 mm).

- ▶ **Check the functionality of the castor brakes before using the dust extractor.**

Use the brakes if you want the dust extractor to remain stationary.

#### Repairing the Vacuum Hose

You can cut off a section of a vacuum hose (20) that is defective and continue to use the undamaged section.

- ▶ **Wear gloves when repairing the hose.** This poses a risk of injury.

To repair the vacuum hose at the **dust extractor side** (see figures O–P):

- Loosen the locking ring (49) from the hose connector (47) by pushing in the retaining lugs with a screwdriver.

- Pull the locking ring (49) behind the defective area ❶.
- Unscrew the sealing sleeve (48) ❷.
- Cut off the vacuum hose (20) behind the defective area (see figure P).
- Screw the sealing sleeve (48) back on ❸.
- Push the end of the vacuum house into the hose connector (47) ❹.
- Push the locking ring (49) onto the hose connector (47) until it clicks audibly into place ❺.
- Cut off the vacuum hose (20) behind the defective area ❷.
- Screw the sealing sleeve (50) back on ❸.

To carry out a repair at the **power tool/nozzle side** (see figure Q):

- Unscrew the sealing sleeve (50) ❶.

## Rectifying Errors

Problem	Cause	Corrective measures
Suction turbine will not switch on.	Rechargeable (31) low on power	Charge or replace battery
	Restart protection triggered	First turn on/off switch to position 0, then to position 1
	On/off switch (14) in ❶ position, but no Auto-Start Remote GCT ... is connected	Turn on/off switch to position 1
The suction turbine switches off.	Container (12) full	Empty the container
The suction turbine will not switch on again after the container has been emptied.	Reset required	Switch off the dust extractor, remove the rechargeable battery (31), wait 5 s, insert the rechargeable battery and switch on the dust extractor
The suction power is decreasing.	Plastic bag (36) is full	Replace the plastic bag
	Suction nozzle, suction tube (29) or vacuum hose (20) is blocked	Remove blockages
	Main filter (32) is soiled or defective	Carry out manual filter cleaning, clean or replace the main filter
	Main filter (32) has not engaged in the filter holder (35)	Make sure that the main filter has correctly engaged
Dust escapes during dry extraction	Top part of the dust extractor (15) is not seated correctly	Place the top part of the dust extractor on correctly and close the catches (13)
	Main filter (32) has been fitted incorrectly	Check that the main filter has been fitted correctly
Water escapes during wet extraction	Main filter (32) is defective	Change the main filter
	Float (44) is blocked	Continually check the fill level and empty the container (12) in good time  Wipe down the float cage with a damp cloth and clean the float by lightly shaking the dust extractor  If the float and float cage become heavily contaminated, contact an authorised <b>Bosch</b> after-sales service centre.
Temperature warning triggered (statusbar (2) lights up red)	Rechargeable battery (31) or motor overheated	Switch off the dust extractor, remove the rechargeable battery, and allow the rechargeable battery and the dust extractor to adjust to the ambient temperature
Air flow alarm triggered (air flow alarm indicator (1) flashes yellow)		Follow the instructions in the corresponding section (see "Air Flow Alarm", page 15).

Problem	Cause	Corrective measures
Manual filter cleaning cannot be triggered.		Contact an authorised <b>Bosch</b> after-sales service centre.
Electrostatic discharge	Dissipation of electrostatic charging has been interrupted	<p>Ensure that the vacuum hose (<b>20</b>) is always in contact with the ground during operation.</p> <p>Check that there is no defect in the contact of the spring (<b>51</b>) with the bag holder (<b>33</b>).</p> <p>If necessary, repair the bag holder attachment (see "Repairing the Bag Holder Attachment (see figure <b>R</b>)", page 17).</p>

## After-Sales Service and Application Service

### Great Britain

Tel. Service: (0344) 7360109

### GB Importer:

Robert Bosch Ltd.  
Broadwater Park  
North Orbital Road  
Uxbridge  
UB9 5HJ

In all correspondence and spare parts orders, please always include the 10-digit article number given on the nameplate of the product.

### Disposal

Dust extractors, batteries, accessories and packaging should be sorted for environmentally friendly recycling.



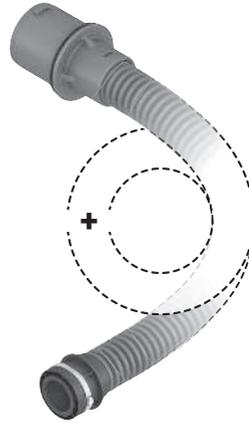
Do not dispose of dust extractors or battery packs/batteries with household waste.

### Only for EU countries and United Kingdom:

Electrical and electronic equipment or used batteries that are no longer suitable for use must be collected separately and disposed of in an environmentally friendly manner. Use the designated collection systems. Incorrect disposal may cause harmful effects on the environment and human health, due to the potential presence of hazardous substances.



2 608 000 585



2 608 000 772

3,2 m

28 mm



2 608 000 769



2 608 000 770



2 608 000 768



2 608 000 661



2 608 000 707



2 608 000 797



2 608 000 806



10x



2 608 000 773



2 608 000 774



2 608 000 771



1 607 000 F3J



**GCT 30-42**

1 600 A02 GG1 (WEU)

1 600 A02 GG2 (AUS/NZ, KR)

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#### **Zlib**

##### **nanopb, 0.3.9.2**

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