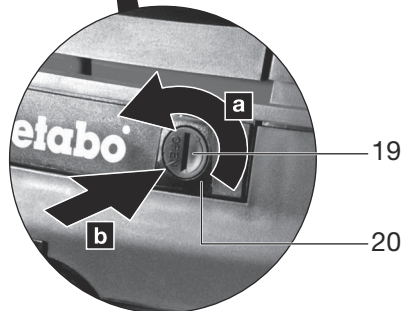
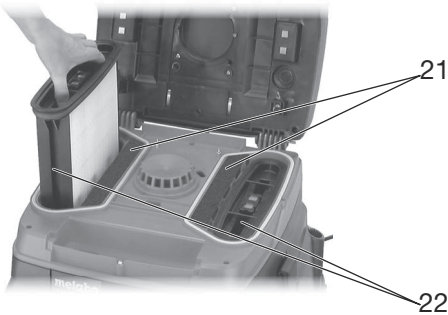
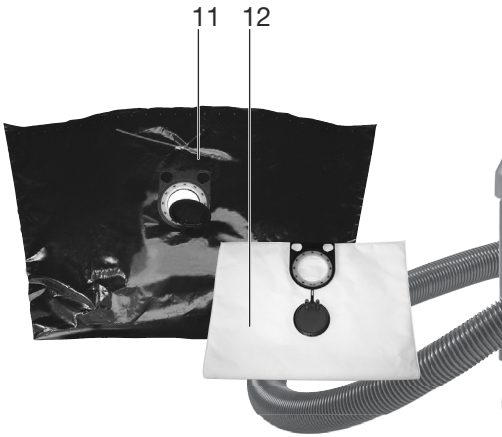
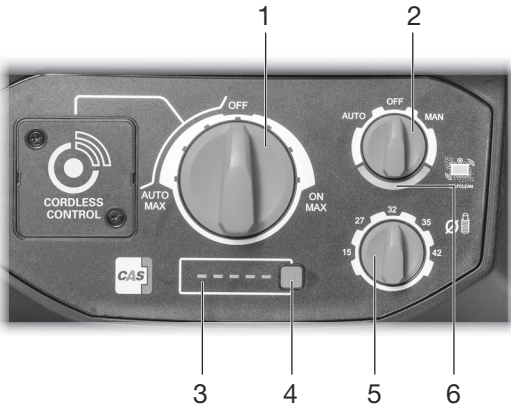
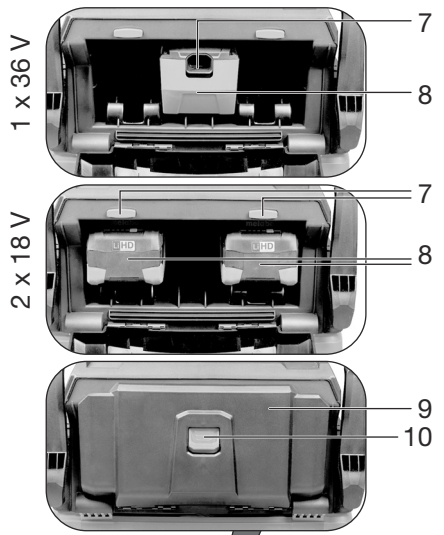


## ASR 36-18 BL 25 M SC



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# Original instructions

## 1. Declaration of Conformity

On our own responsibility, we hereby declare that these dust extractors, identified by type and serial number \*1), meet all relevant requirements of directives \*2) and standards \*3). Technical documents for \*4) - see page 3.

### For UK only:

**UK** We as manufacturer and authorized person to  
**CA** compile the technical file, see \*4) on page 3, hereby declare under sole responsibility that these dust extractors, identified by type and serial number \*1) on page 3, fulfill all relevant provisions of following UK Regulations S.I. 2016/1091, S.I. 2008/1597, S.I. 2012/3032 and Designated Standards EN 60335-1:2012+A11: 2014+A13: 2017, EN 60335-2-69:2012, EN IEC 63000:2018

## 2. Specified Conditions of Use

**M** The vacuum cleaner is suitable for vacuuming dust that is harmful to health (dust class M), in accordance with EN 60335-2-69.

The vacuum cleaner is suited for the separation of dry, non-flammable dust, non-flammable liquids, wood dust and dangerous dust with workplace limit values  $\geq 0.1 \text{ mg/m}^3$ .

For occupational exposure limits and carcinogenic materials, see the list of occupational exposure limits or contact your local professional and accident prevention associations for information.

The results of the dust test only refer to the extraction or vacuuming of dry dust.

The vacuum cleaner is suitable for use as:

- Industrial vacuum cleaner (IS) for vacuuming deposited dust.
- Dust extractor (ENT) for extracting airborne dusts from material processing machines.

The vacuum cleaner is suitable for the demanding requirements of industrial and commercial applications e.g. in the areas of craft and trade, installation work, construction, industry, workshops, painting and plastering, joinery, woodworking. As per EN 60335-2-69.

The vacuum cleaner is suitable for the vacuuming of dust, solid materials (broken glass, nails etc.), liquids of any kind with the exception of highly inflammable, combustible liquids and material that is hotter than 60 °C.

This device is not designed for use by persons (including children) with physical, sensory or mental disabilities, or with insufficient experience and/or knowledge, unless they are supervised by a person responsible for their safety, or have received instructions on how to use the device by this person.

Pay attention to the country-specific regulations, as well as the specifications of the material producer. The product is intended for commercial use.

Dust containing asbestos must not be vacuumed.

Inflammable dust must not be vacuumed.

No inflammable or explosive solvents, material saturated with solvent, dust that represents an explosion hazard, liquids such as petrol, oil, alcohol, thinner or material that is hotter than 60 °C are allowed to be vacuumed. This would cause an explosion and fire hazard! You are not allowed to use the device in the vicinity of inflammable gases or substances.

The user bears sole responsibility for any damage caused by inappropriate use.

Generally accepted accident prevention regulations and the enclosed safety information must be observed.

## 3. General Safety Information



Before using the device, carefully read through and familiarise yourself with all the enclosed safety information and the Operating Instructions. Keep all enclosed documentation for future reference, and ensure that you only pass on your vacuum clean together with this documentation.



Before using the device, the user must receive information, instructions and training material on using the device and the materials for which it is to be used (including details on safe disposal of the extracted material).

## 4. Safety instructions for mitre saws



For your own protection and for the protection of your vacuum cleaner, pay attention to all parts of the text that are marked with this symbol!

Never allow children to use the device.

Children should be supervised to ensure that they do not play with the tool.

**Caution!** Only use accessories that are included with the device or specified operating Instructions.

The use of other accessories may impair safety. Use only the supplied hose and the supplied suction vessel.

You must not perform any work other than that described here.


In the event of misuse, improper operation or unprofessional repair work no liability shall be assumed by us for any damage incurred.

When the device is not in use, leave the hose on the device to prevent dust accidentally escaping. Seal the suction opening (17) with a sealing plug (18), and join the hose ends to prevent dust from escaping.

Do not operate devices or accessories under the following conditions:

- If the device has recognisable damage (cracks/breaks),
- If there is a suspected non-visible defect (after a fall).

Do not point the nozzle, hose or tube at people or animals.

 **WARNING** - If any foam or water egresses, switch off immediately. Empty the container and, if need be, the pleated filter.

Never sit or stand on the device.


Always set up the hose so there is no danger of tripping.

Do not leave the device unattended. If there is a long work interruption, remove the battery packs.

The vacuum cleaner should not be used or stored outside in wet conditions.

**IMPORTANT** - This machine must only be stored indoors.

Acids, acetone and solvents can corrode the device components.

 Prior to any servicing work, cleaning of the and after each use, switch off the device and remove the battery packs.

Steam cleaners and high-pressure cleaners must not be used to clean the vacuum cleaner.

The inside of the cover must always be kept dry.



Mould contamination can result if the appliance is not cleaned for an extended period, especially if used in areas where foodstuffs are processed: Always clean and disinfect the vacuum cleaner immediately after use.

Never open the device outdoors during rain or storms.


The device must not be operated in areas with an explosion hazard.


Ensure that the vacuum cleaner is steady.

If the extracted air is discharged into the room, ensure there is an adequate air change rate (L) in the room. Observe the regulations that apply in your country.

 **Caution!** This device contains  dust that is harmful to health. Discharge and maintenance operations (including disposal of the dust collection containers) must only be carried out by qualified specialists wearing

appropriate protective clothing and equipment.

 Warning - general danger!

 Caution! Do not use the device until you have read the operating Instructions.

**WARNING** - Operating personnel must receive adequate instruction in the use of this vacuum cleaner and in the materials for which it is used.

Warning sign for machines with dust class M:



During discharge and maintenance operations, note the following: Clean the device before opening it. Wear a dust mask. Avoid exposing third parties to dust. Provide local filtered forced ventilation. Then clean the maintenance area. Do not operate the device without the complete filtration system. (Filter cassettes and PE disposal bags or alternatively fleece filter bags).


According to tests carried out as per EN 60335 section 1 and 69, the device also meets electrical safety requirements relating to the extraction of a water-air mixture.


#### 4.1 Use and handling cordless tools

- **Only recharge with the charger specified by the manufacturer.** A charger that is suitable for one type of battery pack may create a risk of fire when used with another battery pack.
- **Use power tools only with specifically designated battery packs.** Use of any other battery packs may create a risk of injury and fire.
- **When not in use, keep batteries away from paper clips, coins, keys, nails, screws or other small metal objects that could bridge**


**the contacts.** Shorting the battery terminals together may cause burns or a fire.


- **Under abusive conditions, liquid may be ejected from the battery. Avoid contact. If contact accidentally occurs, flush with water. If liquid contacts eyes, additionally seek medical help.** Liquid ejected from the battery may cause irritation or burns.
- **Do not use a battery pack or tool that is damaged or modified.** Damaged or modified batteries may exhibit unpredictable behaviour resulting in fire, explosion or risk of injury.
- **Do not expose a battery pack or tool to fire or excessive temperature.** Exposure to fire or temperature above 130 °C (265 °F) may cause explosion.
- **Follow all charging instructions and do not charge the battery pack or tool outside the temperature range specified in the instructions.** Charging improperly or at temperatures outside the specified range may damage the battery and increase the risk of fire.
- Remove the battery packs from the machine before making any conversion, maintaining or cleaning.

 Protect battery packs from water and moisture!

 Do not expose battery packs to fire!

- Do not use faulty or deformed battery packs!
- Do not open battery packs!
- Do not touch or short circuit battery pack contacts!

 A slightly acidic, flammable fluid may leak from defective Li-ion battery packs!

 If battery fluid leaks out and comes into contact with your skin, rinse immediately with plenty of water. If battery fluid leaks out and comes into contact with your eyes, wash them with clean water and seek medical attention immediately!

- If the machine is defective, remove the battery pack from the machine.

#### Transport of li-ion battery packs:

- The shipping of li-ion battery pack is subject to laws related to the carriage of hazardous goods (UN 3480 and UN 3481). Inform yourself of the currently valid specifications when shipping li-ion battery packs. If necessary, consult your freight forwarder. Certified packaging is available from Metabo.
- Only send the battery pack if the housing is intact and no fluid is leaking. Remove the battery pack from the machine for sending. Prevent the contacts from short-circuiting (e.g. by protecting them with adhesive tape).

## 5. Overview

See page 2.

- 1 Main switch
- 2 Vibrator switch
- 3 Capacity and signal indicator
- 4 Capacity indicator button
- 5 Rotary switch for selecting the extraction hose diameter
- 6 Volume flow control display
- 7 Battery pack release button\*
- 8 Battery pack(s) \*
- 9 Protective cover (battery packs)
- 10 Lock (to lock the protective cover)
- 11 PE disposal bag \*
- 12 Fleece filter bag\*
- 13 Hose hooks
- 14 Upper part
- 15 Snap lock
- 16 Bottom part
- 17 Suction opening
- 18 Sealing plug
- 19 Locking knob
- 20 Locking bar (for opening the hood to change filter cassettes)
- 21 Motor protection filter
- 22 Filter cassette (according to IFA C)

\* depending on equipment/not included in scope of delivery

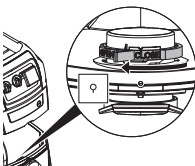
## 6. Initial Operation

### 6.1 Inserting a Fleece Filter Bag

We recommend using fleece filter bags for:

- Applications, where small amounts of fine dust are created (e.g. spot-grinding and grinding of paint and lacquer coatings, extraction of drilling applications with small diameters < 10 mm of short duration, etc.).
- Use of machines, such as: routers, planers, small grinding machines, etc.

Switch off device on the mains switch (1), remove battery packs (8), open snap locks (15). Remove the upper part (14) of the device from the container (16).



Turn the red rotary switch (on the inside of the suction opening) until the stop: the text "CLOSE" shows upwards to the marking ▲.

Hold a new fleece filter bag on the flange and, with its opening, guide it first over the latch at the bottom part of the suction opening, then fit up to the stop on the suction opening. Replace the upper part (14) on the container (16) and close the snap locks (15).

### 6.2 Inserting a PE Disposal Bag

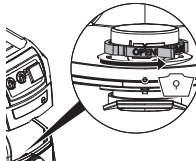
PE filter bags (11) are suitable for both wet and dry vacuuming.

We recommend the use of PE-disposal bags for:

- Applications, where larger amounts of dust are created (e.g. removal of plaster surfaces, spot-grinding and grinding of screeds, etc.).
- Use of machines, such as e.g.: renovation milling machines, renovation grinders, drywall grinders, wall grinders etc.

Turn the vibrator switch (2) to the LEFT in "AUTO" position.

Switch off device, remove battery packs (8), open snap locks (15). Remove the upper part (14) of the device from the container (16).



Turn the red rotary switch (on the inside of the suction opening) to the stop: the text "OPEN" shows upwards to the marking ▲.

Hold the PE disposal bag (11) on the flange and, with its opening, guide it first over the latch at the bottom part of the suction opening, then fit up to the stop on the suction opening.

Spread out the PE disposal bag (11) evenly across the container floor. Arrange the edges of the PE disposal bag around the container rim so that the bag is firmly clamped on all sides by the upper part (14) once replaced.

Replace the upper part (14) on the container (16) and close the snap locks (15).

### 6.3 Battery pack

Charge the battery packs before use.

Recharge the battery packs if performance diminishes.

Instructions on charging the battery packs can be found in the operating instructions of the Metabo charger.

In case of Li-Ion battery packs with capacity and signal display (3) (equipment-specific):

- Press the button (4), the LEDs indicate the charge level.
- The battery pack(s) is(are) almost flat and must be recharged if one LED is flashing.

### Inserting and removing the battery pack

Use either one 36 V battery pack or two 18 V battery packs.

- recommended capacity 8.0 and greater. The use of battery packs with a smaller capacity (Ah) reduces the service life but not the suction power.
- We recommend the use of battery packs with identical item number.
- The use of battery packs with different capacity (Ah) is permitted. In this case, the battery pack with the smaller capacity (Ah) determines the useful life.

**Insertion:** Push the lock (10) downwards and fold down the protective cover (9). Slide in the battery pack(s) (8) until it engages. Close the protective cover (9).

**Removal:** Push the lock downwards (10) and fold the protective cover (9) downwards. Press the

battery pack release (7) button and remove the battery pack(s) (8). Close the protective cover (9) .

## 7. The device

### 7.1 Switching the unit on /off, automatic switch-on

**Switching off:** Turn main switch (1) in "OFF" position. (Capacity display is off. The device does not use any power!)

**Automatic:** Turn main switch (1) to the LEFT (suction power level 1 - 3). The device is switched on and off by means of "CORDLESS CONTROL" . (Capacity display (3) shows the battery pack capacity).

**Information on "automatic":** If the switch is turned to the left to "automatic", the vacuum cleaner will be ready for operation for 10 hours (standby, capacity display (3) shows the battery capacity). Without vacuuming, the device will switch off automatically 10 hours after the last operation (sleep mode, capacity display off, the device does not use any power!).

To wake up the device (restore standby), turn main switch (1) to "OFF" and then again to the LEFT or press the capacity indicator button (4) .

**Information on "CordlessControl":** The device starts/stops automatically when switching on/off the power tool equipped with a CordlessControl transmitter (suction hose). Manual start/stop of the vacuum cleaner is also possible by pressing a button on the CordlessControl transmitter. Follow the operating instructions of the CordlessControl transmitter.

**Manual:** Turn main switch (1) to the RIGHT (suction power level 1 - 3). The device runs continuously. (Capacity display (3) shows the battery pack capacity).

### 7.2 Switching the vibrator on /off, vibrator automatic

The vibrator cleans the filter cassettes by shaking off dust.

**Switching off:** Turn vibrator switch (2) in "OFF" position.

**Automatic:** Turn vibrator switch (2) to the LEFT in "AUTO" position.

- If the air flow rate prescribed for a class M vacuum cleaner is too low, the volume flow control display (6) lights up and there is an acoustic signal. During the next work break, the vibrator cleans the filter cassettes automatically for about 10 sec.

**Manual** (e.g. when the suction power decreases): During a work break or before starting work, turn the vibrator switch (2) to the RIGHT in "MAN" position and release again. The vibrator cleans the filter cassettes for about 10 sec.

### 7.3 Volume flow control display

If the air flow rate is too low, the volume flow control display (6) lights up and there is an acoustic signal.

Possible causes:

- Filter cassettes dirty -> Turn vibrato switch (2) in "MAN" or "AUTO" position. (If needed, wash filter cassettes (22) or replace, see chapter 10.2)
- Container full-> empty container
- Blockages in the suction hose-> clean
- The diameter of the suction ducts of the extracting machine is too small.


### 7.4 Rotary switch for selecting the suction hose diameter

Adjust the rotary switch (5) to the hose diameter of the suction hose fitted (suction hose supplied: 35 mm).

The volume flow is being monitored if the main switch (1) is in the "AUTO" or "MAN" position.

If the volume flow value falls below a certain limit, the volume flow control display (6) lights up. The filter cassettes are automatically shaken during the work breaks if the vibrator switch (2) is in "AUTO" position.

If the volume flow rate value still remains too low, the volume flow control display (6) lights up and with vibrator switch (2) in "AUTO" position, there will be an additional acoustic signal (1 sec. on, 1 sec. off) to signal that the container must be emptied, or that the fleece filter bag (12) or the PE disposal bag (11) must be changed.

 max. Ø	$\dot{V}_{\text{min}}$
15 mm	13 m <sup>3</sup> /h
27 mm	41 m <sup>3</sup> /h
32 mm	58 m <sup>3</sup> /h
35 mm	73 m <sup>3</sup> /h
42 mm	100 m <sup>3</sup> /h

**Note:** If the suction hose diameter is 19 mm or less, and if the flow conditions in the suction hose are unfavourable, the volume flow control display (6) may occasionally light up and the acoustic signal may sound, even though the fleece filter bag or the PE disposal bag does not yet need to be emptied. In this case, lay out the hose straight and clean it.

**Note:** If you need to turn the rotary switch to a lower value because of a machine generating dust (e.g. small diameter of suction canal in the machine generating dust, compared to large suction hose diameter) (5), there is no guarantee that dust will be conveyed adequately in the suction hose. The suction hose must be removed from the machine generating dust after every operating sequence, so it can be vacuumed clean.

**Note:** The suction hose included in the scope of delivery has a diameter of 35 mm.


## 8. Use

### 8.1 Dry Vacuuming

Vacuum using a dry filter, device and accessories only. If the cartridge is damp, dust may stick and form a crust.

Always use fleece filter bag (12) or PE disposal bag (11) together with pleated filter (22).

## 8.2 Wet vacuuming

 Never operate the machine without inserting a filter cassette (22) first. The machine may be destroyed and water may also escape.

You can use PE disposal bags (11). The filter cartridges (22) are suitable for wet vacuuming.

Before carrying out any wet vacuuming, remove the dry vacuumed material. This process will prevent severe soiling and encrustation.

The integrated water sensor switches off the motor when the container is full. Empty the device. If the device is not switched off, the restart protection device remains effective. The device is not operable again until it has been switched off and switched back on again.

After switching off, some water may run back out of the hose.

Before emptying, first of all take the suction hose out of the liquid.

If you are then going to dry vacuum, insert a dry filter cassette. (If you are frequently switching between dry and wet vacuuming, we recommend the use of a second set of filter cassettes.) Allow the filter cassettes, container and accessories to dry; otherwise dust may adhere to damp components.

## 8.3 Use as industrial vacuum cleaner (IS):

Turn main switch (1) to the RIGHT (position "MAN").

Adjust the rotary switch (5) to the hose diameter of the suction hose fitted.

If the volume flow falls below the set value, the volume flow control display (6) lights up to signal that the container must be emptied, or that the fleece filter bag (12) or the PE disposal bag (11) must be changed or the filter must be cleaned.

## 8.4 Use as a dust extractor (ENT):

The dust extractor must not be connected to more than one dust source.

Turn the main switch (1) and vibrator switch (2) to "AUTO" position.

Adjust the rotary switch (5) to the hose diameter of the suction hose fitted. For more detailed information, see section 7.4.

## 8.5 Transport

Close the suction opening (17) with sealing plugs (18). Join the hose ends to prevent dust from escaping.

Wrap the suction hose about the vacuum cleaner.

Place the accessories in a suitable plastic bag and seal the bag.

The upper part (14) must be securely sealed to the container (16) - check that the snap locks (15) are closed.


# 9. Cleaning

## 9.1 General Cleaning Instructions

Clean the container and accessories with water. Wipe the upper part (14) with a damp cloth.

Caution! This device contains dust that is harmful to health. Discharge and maintenance operations (including disposal of the dust collection containers) must only be carried out by qualified specialists wearing appropriate protective clothing and equipment.

### Emptying the Container

 Only permitted for dusts with occupational exposure limits > 1mg/m<sup>3</sup>.

- Remove the battery packs .
- Remove the suction hose, close the suction opening (17) with the sealing plug (18).
- Open the snap locks (15). Remove the upper part (14) of the device from the container (16).

### Disposing of the Fleece Filter Bag

- Remove the battery packs .
- Put on a dust mask.
- Remove the suction hose, close the suction opening (17) with the sealing plug (18).
- Open the snap locks (15). Remove the upper part (14) of the device from the container (16).
- Carefully pull back the fleece filter bag (12) from the suction opening (18) . Seal the flange of the fleece filter bag by folding over the cover.
- Dispose of the vacuumed material in accordance with legal regulations.

### Disposal of a PE Disposal Bag

- Switch on the vacuum cleaner and shake the filter cassettes: Turn vibrator switch (2) to the RIGHT in "MAN" position and release again. The vibrator cleans the filter cassettes (22) for about 10 sec.
- Switch off the vacuum cleaner: turn the switch (1) to the "OFF" position.
- Put on a dust mask.
- Remove the suction hose, close the suction opening (17) with the sealing plug (18).
- Open the snap locks (15). Remove the upper part (14) of the device from the container (16). Before setting down the upper part, turn switch (1) to the "ON/MAX" position so that any falling dust is vacuumed.
- Carefully pull back the PE disposal bag (11) from the suction opening (17). Seal the flange of the PE disposal bag by folding over the cover.
- Dispose of the vacuumed material in accordance with legal regulations.

## 9.2 Safety instructions for mitre saws


In the case of class M machines, the outside of the machine should be cleaned (vacuumed and wiped down), or treated with sealants before being removed from the hazardous area. All machine parts must be considered to be contaminated when removed from the hazardous area: suitable measures must be taken to prevent any dispersal of the dust. When carrying out maintenance or repairs, it is essential to dispose of any contaminated objects that cannot be adequately cleaned. These objects must be disposed of using impermeable




bags and in accordance with the applicable regulations for removing such waste.

## 10. Maintenance

### 10.1 General instructions

 Before performing any maintenance, always switch off the device and remove the battery packs.

 Clean the device (see chapter 9.).

**Never service damaged battery packs.** Service of battery packs should only be performed by the manufacturer or authorized service providers.

For maintenance by the user, the vacuum cleaner must be taken apart, cleaned and maintained, to the extent possible, without endangering maintenance staff or other people.

#### Preventive measures

Appropriate preventive measures include: cleaning the device before disassembly; providing local filtered forced ventilation where the vacuum cleaner is disassembled; cleaning of the maintenance area and providing suitable personal protective clothing and equipment.

### 10.2 Reduction in suction power

If the suction power decreases, carry out the following steps:

1. Turn the vibrator switch (2) to the RIGHT in "MAN" position and release again. The vibrator cleans the filter cassettes (22) for about 10 sec.
2. Empty the container or replace the fleece filter bag (12) or PE disposal bag (11).
3. Replace the filter cassettes (22), or rinse them under running water, dry them and then replace.

### 10.3 Renew the filter cartridges (22)

Turn the vibrator switch (2) to the RIGHT in "MAN" position and release again. The vibrator cleans the filter cassettes (22) for about 10 sec.

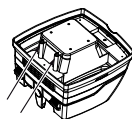
Use a coin or a similar object to turn the locking knob (19) on the locking bar (20) counter-clockwise through 90° and push the bar (20) to the rear. Swing up the hood and pull up the filter cartridges (22) to remove them. Seal the removed filter cassettes immediately in a dust-tight plastic bag and dispose of them in accordance with regulations. Insert new filter cassettes, ensuring they are correctly and securely in place.

### 10.4 Motor protection filter

Regularly check the motor protection filter. If the motor protection filter (21) is contaminated, this indicates that the filter cassettes (22) may be defective:

- Replace the filter cartridges (22).
- Replace the motor protection filter (21), or rinse it under running water, dry it completely and then replace.

### 10.5 Water sensor



**IMPORTANT** - Clean the water sensor regularly and check it for signs of damage.

### 10.6 Technical inspection

At least once a year, the manufacturer or a suitably qualified and trained person must carry out a dust test, e.g. to check for damage to the filter cassettes, verify that the device is air-tight and that the control unit is functioning correctly.

For maintenance by the user, the vacuum cleaner must be taken apart, cleaned and maintained, to the extent possible, without endangering maintenance staff or other people.

#### Preventive measures

Appropriate preventive measures include: cleaning the device before disassembly; providing local filtered forced ventilation where the vacuum cleaner is disassembled; cleaning of the maintenance area and providing suitable personal protective clothing and equipment.

When carrying out maintenance or repairs, it is essential to dispose of any contaminated objects that cannot be adequately cleaned. These objects must be disposed of using impermeable bags and in accordance with the applicable regulations for removing such waste.

## 11. Troubleshooting

If the volume flow control display (6) lights up or if an acoustic signal is sounded, this indicates that the fleece filter bag must be emptied.

#### All LEDs of the capacity and signal display (3) flash

- Error - remove both battery packs and insert again
- Only one 18 V battery pack inserted? - Insert 2 battery packs.
- Turbine jammed? - see the chapter on Repairs.

#### 1 LED of the capacity and signal display (3) flashes

- Battery pack(s) empty? Charge battery pack(s).

#### Acoustic signal

- Fast honking (1/10 sec. on, 1 sec. off): battery pack is empty in about 20 sec.
- Continuous honking: as a pre-warning shortly before switching off.
- 3 sec. continuous honking: Waster level sensor was triggered. Empty the container.

#### Volume flow control display

- (1 sec. on, 1 sec. off: volume flow is too low in the hose or container is full  
Continuously on: high water level / dust container full

#### Reduction in suction power:

See the instructions in the section on Cleaning.

- Filter cassettes (22) soiled? - clean.

- Fleece filter bag (12) full? - replace.
- PE disposal bag (11) full? - replace.
- Container (15) full? - empty.
- Motor protection filter (21) clogged? - See chapter 10.
- Nozzle, tubes or hose blocked? - clean.

#### Device will not start:


- Is the battery pack empty? - charge.
- Are the battery packs inserted? - insert.
- Is the upper part (14) closed properly? - Close
- Has the water sensor cut off? - Empty the container; then switch on and off again.
- Is the main switch (1) in "AUTO" position? - Turn main switch (1) to the RIGHT. See chapter 7.1.
- The vacuum cleaner is not switched on or off by means of a power tool, even though switch is turned on the left to "AUTO". - check Cordless Control transmitter (press button). Is the radio connection ok? Subsequently mount the transmitter directly on the power tool.
- Is the battery pack defective? See the chapter on Repairs.

#### Dust in the container when fleece filter bag is fitted:

- The position of the rotary slide is incorrect. See chapter 6.1.

#### PE disposal bag is sucked to the filter cassettes (22):

- The position of the rotary slide is incorrect. See chapter 6.2.

 **Do not interfere with the device. Contact an authorized workshop or Metabo's after-sales service department (see chapter 13. on Repairs).**

## 12. Accessories

Use only genuine Metabo accessories.

If you need any accessories, check with your dealer.

See page 4.

- A Fleece filter bag  
5 pieces = 1 set
- B PE disposal bag M  
5 pieces = 1 set
- C Filter cassette M, polyester, nano-coated  
2 pieces = 1 set
- D Filter cassette M, polyester  
2 pieces = 1 set
- E Motor protection filter (1 filter) You must order 2 items.
- F Suction hose (conducts electricity)
- G Suction tubes (2 pieces), plastic
- H Suction tubes (2 pieces), chrome-plated
- I Intermediate piece of handle
- J Connecting sleeve
- K Connecting sleeve
- L Floor nozzle
- M Floor nozzle set (with floor piece and wet vacuuming piece)

- N Battery packs
- O Chargers

## 13. Repairs

Repairs to devices must be carried out by qualified electricians only!

Use only original Metabo spare parts.

Contact your local Metabo representative if you have Metabo power tools requiring repairs. For addresses see [www.metabo.com](http://www.metabo.com).

You can download a list of spare parts from [www.metabo.com](http://www.metabo.com).

## 14. Environmental Protection

Observe national regulations on environmentally compatible disposal and on the recycling of disused machines, packaging and accessories.

Packaging materials must be disposed of according to their labelling in accordance with municipal guidelines. Further information can be found at [www.metabo.com](http://www.metabo.com) in the "Service" section.

Battery packs may not be disposed of with regular waste. Return faulty or used battery packs to your Metabo dealer!

Do not allow battery packs to come into contact with water!

 For EU countries only: Never dispose of appliances in your household waste!  
According to European directive 2012/19/EU on Waste Electrical and Electronic Equipment and its implementation in national law, used devices must be collected separately and delivered for environmentally-friendly recycling.

Discharge the battery pack in the power tool before disposal. Prevent the contacts from short-circuiting (e.g. by protecting them with adhesive tape).

## 15. Technical Data

Explanatory notes on the specifications on page 2.

Changes due to technological progress reserved.

K = dust class. As per EN 60335-2-69.

LxWxH = external dimensions

IP = protection class

U = mains voltage

F = main frequency

A = power consumption

N = mains connection lead

P<sub>1</sub> = rated input power

pU<sub>1</sub> = max. vacuum (at the hose)

pU<sub>2</sub>=Max. vacuum (at blower)

V<sub>1/S1</sub>=Max. volume flow (at hose)

V<sub>1/S2</sub>=Max. volume flow (at blower)

D<sub>max1</sub>=Max. flow rate (at hose)

D<sub>max2</sub> = max. flow rate (at the blower)

V = max. container volume

m = weight (without mains cable)

Permitted ambient temperature during operation:  
-20 °C to 50 °C (limited performance with

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temperatures below 0 °C). Permitted ambient temperature for storage: 0 °C to 30 °C

--- direct current

Typical A-effective perceived sound levels (IEC 60335-2-69):

$L_{pa}$  = sound-pressure level

$L_{WA}$  = acoustic power level

During operation the noise level can exceed 80 dB(A).



**Wear ear protectors!**

Measured values determined in conformity with EN 60704.

~ AC Power

The technical specifications quoted are subject to tolerances (in compliance with the relevant valid standards).