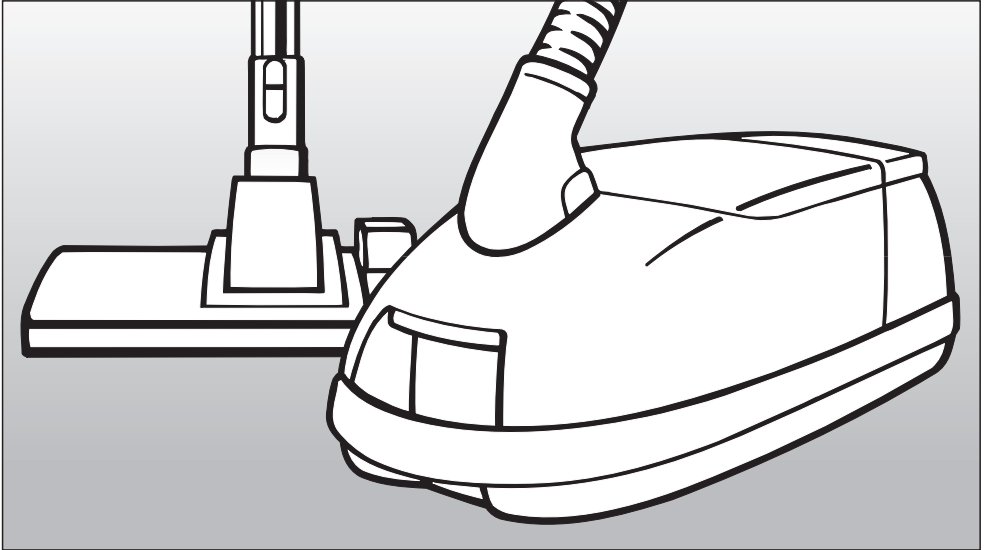


Operating instructions



Vacuum cleaners S 240 / S 290 series

These operating instructions apply to
S 240 / S 290 series vacuum cleaners
as well as to other models
which are distinguished by
names rather than numbers.



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Disposal of packing material

The transport and protective packing material has been selected from materials which are environmentally friendly for disposal and can normally be recycled.

Ensure that any plastic wrappings, bags etc. are disposed of safely and kept out of the reach of babies and young children. Danger of suffocation!

Rather than just throwing these materials away, please ensure they are offered for recycling.

Disposal of your old appliance

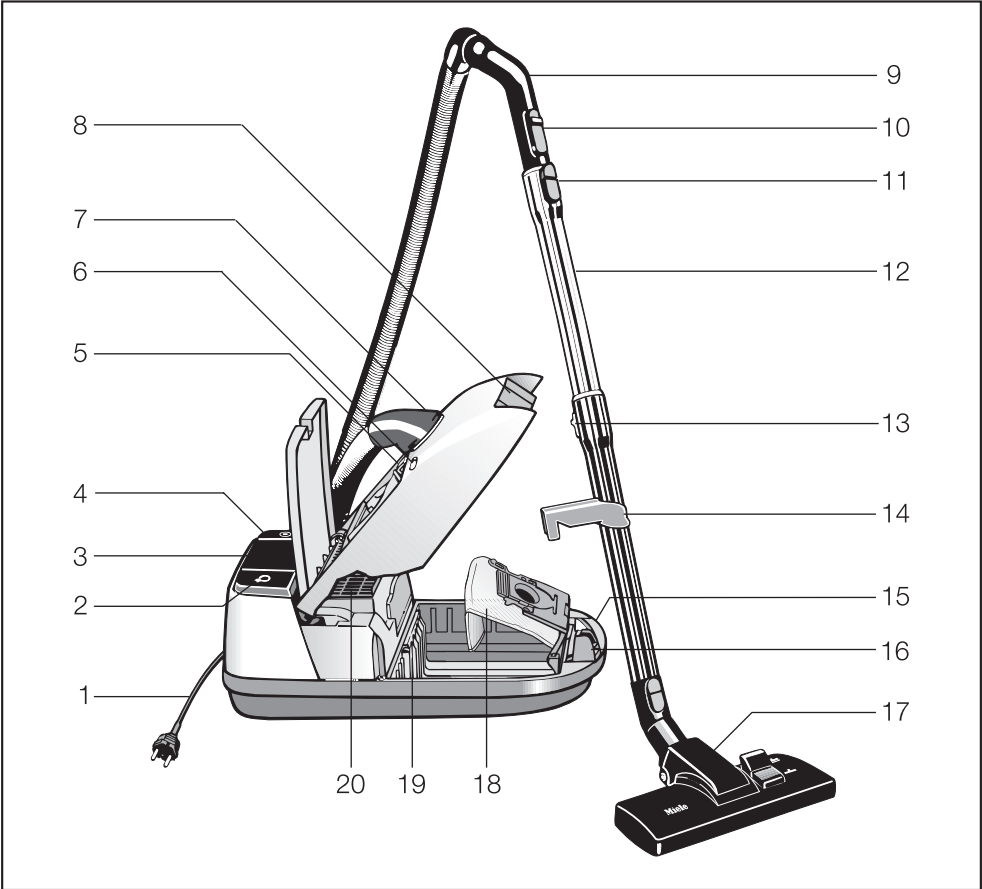
Old appliances may contain materials which can be reclaimed or recycled. Please contact your dealer, your local waste collection centre or scrap merchant about potential recycling schemes.

Before disposing of an old appliance first make it unusable. Disconnect it from the mains, cut the cable off the appliance as close to the cleaner as possible and cut the plug off. The plug cut from the cable should be rendered useless and then disposed of and on no account be inserted into any socket elsewhere in the house (electric shock hazard).

Make appropriate arrangements for its safe disposal and make sure that the appliance presents no danger to children while being stored for disposal.

Disposing of the dustbag and filters

These are made from environmentally friendly materials and can be disposed of with the normal household waste. The dustbag should only be disposed of in this way if it has been used exclusively for general household dust.



Description of the appliance

- 1 Mains cable with plug (plug varies depending on country)
- 2 Cable rewind
- 3 Suction power selector *
- 4 On/Off switch
- 5 Release button for accessories compartment
- 6 Dustbag change indicator
- 7 Elbow
- 8 Dust compartment lid catch
- 9 Hand piece
- 10 Air inlet valve
- 11 Locking button
- 12 Suction tube *
- 13 Slide control *
- 14 Fold-out suction tube holder *
- 15 Carrying handle
- 16 Park system
- 17 Floorhead
- 18 Dustbag
- 19 Dust compartment filter (for motor protection)
- 20 Exhaust filter (SUPER air clean)

Those features marked * depend on the model and may vary or not be available on your model.

Warning and Safety instructions

This appliance meets statutory safety requirements. Inappropriate use can however lead to personal injury and damage to property. Read the operating instructions carefully before starting to use this appliance. They give important information on the safety, operation and care of the appliance. This way you will prevent the risk of accident or damage to the appliance. Please keep these operating instructions in a safe place for reference, and pass them on to any future users.

Correct usage

■ This vacuum cleaner must only be used in a domestic household situation to vacuum **dry** floor surfaces. Do not use on people or animals.

Any other usage is at the owner's risk and could be dangerous.

The manufacturer cannot be held liable for damage resulting from improper or incorrect use of the appliance.

Children

■ Do not let small children play with the appliance or operate it. Please supervise its use by older children and the elderly or infirm.

Before using for the first time

■ A damaged vacuum cleaner can be dangerous. Check the packaging, the vacuum cleaner and accessories for any signs of damage. Do not use a damaged appliance.

■ Ensure that the connection data on the data plate (voltage and frequency) match the mains electricity supply. It is essential that they match to avoid damage to the appliance.

Daily use

■ It is important to switch the vacuum cleaner off before changing over accessories and floor heads, especially a Turbo- or Electrobrush.

■ To avoid the risk of damage, do not use the vacuum cleaner without the dustbag, dust compartment filter and exhaust filter in place.

■ If a dustbag is not inserted, the dust compartment cover does not normally close. Do not force it.

■ There is a metal inlay underneath the handle, which is designed to protect the user from electrostatic discharges. Please make sure that you keep your hand in constant contact with this metal strip during vacuuming. This way any build-up of electrostatic charge will be rendered ineffective.

Warning and Safety instructions

■ Do not vacuum up liquids or damp dirt. This will cause major faults and could seriously impair the functioning and electrical safety of the appliance. Wait until any freshly cleaned or shampooed carpets or floor coverings are completely dry before attempting to vacuum.

■ Do not vacuum up anything which has been burning or is still glowing e.g. cigarettes, ashes or coal, whether glowing or apparently extinguished. The cleaner might catch fire.

■ Do not vacuum up toner dust. Toner, such as that used in printers and photocopiers can conduct electricity. The filter system in the vacuum cleaner may not filter it completely and so the toner could be blown back into the atmosphere by the fan.

■ Do not vacuum up any inflammable or combustible liquids or gases and do not vacuum in areas where such substances are stored. The cleaner might explode.

■ Do not vacuum up items which are heavy, hard or have sharp edges. They could cause a blockage and damage the appliance.

■ Floor attachments, accessories and tubes must not be used at head level to avoid the risk of injury, e.g. to eyes and ears.

■ Do not pull or carry the appliance by the cable. When disconnecting from the mains socket pull by the plug not by the cable.

- Keep the cable away from sharp edges and do not let it be squashed, for example, under a door.
- Avoid running the vacuum cleaner over the cable.

A damaged cable, plug or socket is a safety hazard. The appliance must not be used if any of these have suffered damage.

■ Monitor the change dustbag indicator and change the dustbag if necessary. Check the exhaust and dust compartment filters at the same time and change them too if necessary. A full bag or blocked filter will reduce the suction power of the cleaner. A temperature limiter switches the vacuum cleaner off automatically if it gets too hot, see section "Problem solving guide".

Warning and Safety instructions

Using accessories

■ The socket on the vacuum cleaner (depending on model) must only be used for the Miele Electrobrush specified for use with this appliance.

■ To avoid the risk of injury when vacuuming with a Miele Electro- or Turbobrush do not touch the rotating roller brush.

■ It is not advisable to vacuum directly with the handle, i.e. without an accessory attached as the rim could get damaged and you could hurt yourself on sharp edges. Danger of injury.

■ Miele vacuum cleaner bags are disposable and intended to be used only once. Do not attempt to re-use. Blocked pores reduce the efficiency of the cleaner.

■ Use only genuine Miele dustbags, filters and accessories. This ensure optimum performance of the vacuum cleaner throughout its life.

Cleaning, maintenance and repairs

■ Always disconnect the vacuum cleaner from the mains supply for maintenance work and for cleaning. Switch off at the wall socket and remove the plug. Pull on the plug and not the cable.

■ Do not let the vacuum cleaner get wet. Clean only with a dry cloth or slightly damp cloth when disconnected from the mains supply. If moisture gets into the appliance there is the risk of an electric shock.

■ Repairs may only be carried out by a suitably qualified and competent person in accordance with national and local safety regulations. Repairs and other work by unqualified persons could be dangerous.

■ If the cable is damaged it should be replaced together with a complete cable rewind by a Miele service technician.

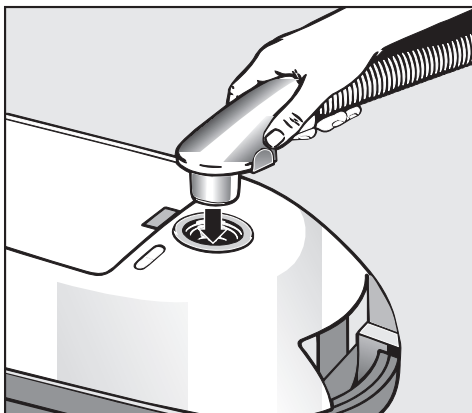
Disposing of an old appliance

■ When disposing of an old appliance cut the cable off the appliance as close to the cleaner as possible and cut the plug off. The plug cut from the cord should be rendered useless and then disposed of and on no account be inserted into any socket elsewhere in the house (electric shock hazard). See section "Disposal of your old appliance" earlier in this booklet for further advice.

The manufacturer cannot be held liable for damage caused by non-compliance with these Warning and Safety instructions.

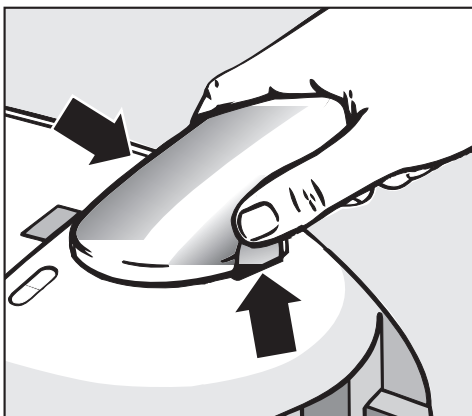
Attaching the suction hose

- Insert the elbow into the suction socket.



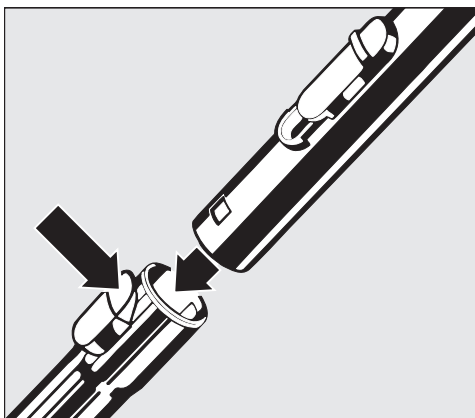
To remove the suction hose from the vacuum cleaner,

- Press the release buttons at the side of the elbow and lift the hose from the socket.



Connecting the suction hose and the suction tube

- Fit the hand piece of the suction hose into the suction tube and turn clockwise or anti-clockwise until they lock together with a click.
- To release the hand piece from the suction tube, press the locking button (see arrow) and pull the hand piece away from the suction tube.



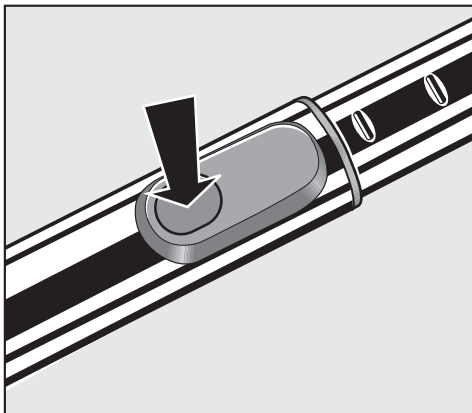
Preparing for use

Adjusting the telescopic suction tube

(depending on model)

One part of the telescopic tube is packed inside the other and can be adjusted to suit your height for comfortable vacuum cleaning.

- Press the telescopic tube release button (see arrow) to release the tubes and adjust to the required height.

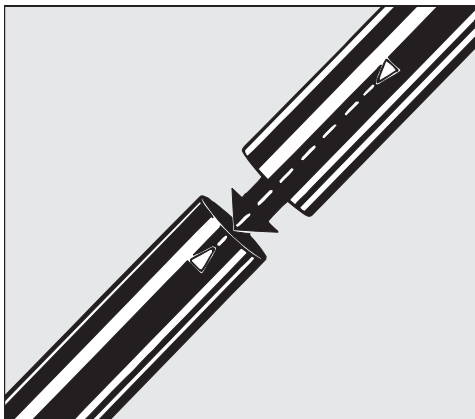


Connecting the suction tube sections

(depending on model)

Both sections of the suction tube have locating arrows.

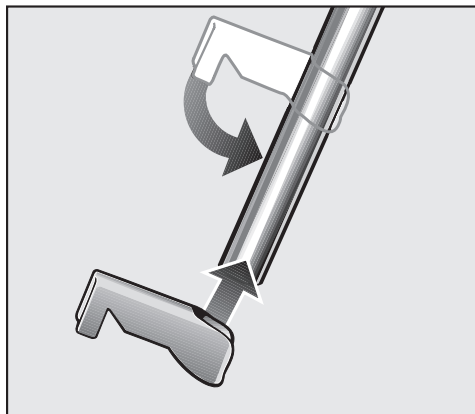
- When connecting the two sections, ensure that the two arrows point to each other.



Fitting the tube holder

(depending on model)

- Fit the tube holder to the suction tube and fold it in, until needed. When the tube holder is folded out, it can be used to secure the suction tube, complete with suction hose and floorhead to the vacuum cleaner.

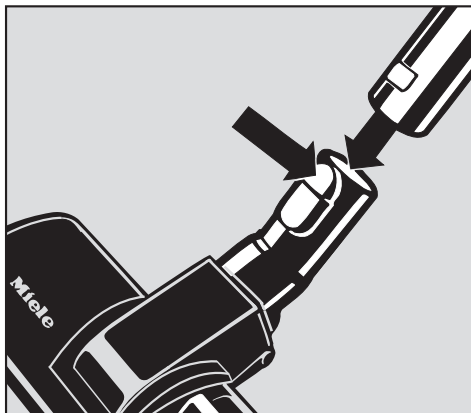


Attaching the floorhead

- Push the suction tube into the floorhead and turn it clockwise or anti-clockwise until it clicks into position.
- To release the floorhead from the suction tube, press the locking button (see arrow) and pull the suction tube away from the floorhead.


The floorhead can be used for all normal cleaning of carpets and rugs. It can also be used with the brush protruding to vacuum hard flooring which is not susceptible to scratching. For hard flooring, such as stone and floors which are susceptible to scratching, e.g. parquet, we recommend using the special Miele floor brush (see "Optional accessories").

It is also important to observe the flooring manufacturer's cleaning and care instructions.




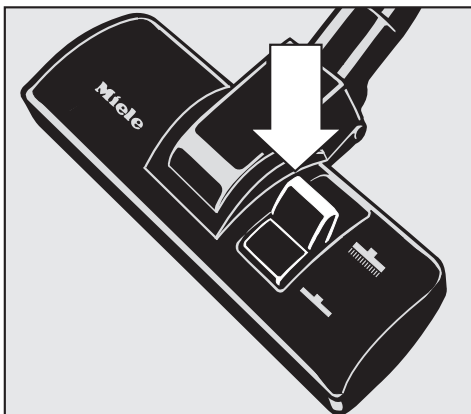
Setting the floorhead to suit the type of flooring

Vacuum carpets and rugs with the brush retracted:

- Press the foot switch to the  position.

Clean hard flooring which is not susceptible to scratching with the brush protruding:

- Press the foot switch to the  position.

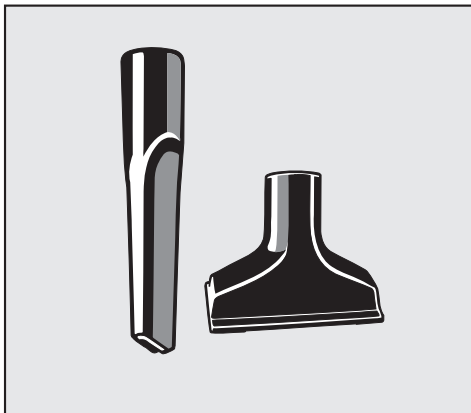


Accessories supplied

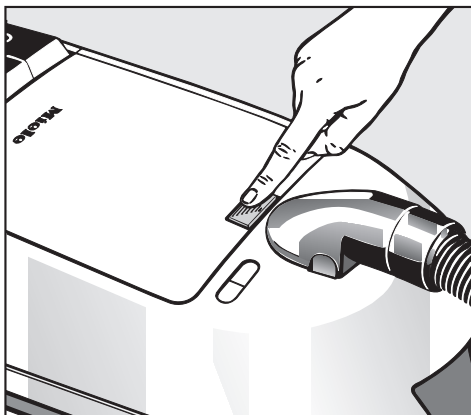
Other tools, in addition to the floorhead, are supplied with the vacuum cleaner to help deal with various types of cleaning.

- Crevice nozzle
- Upholstery nozzle

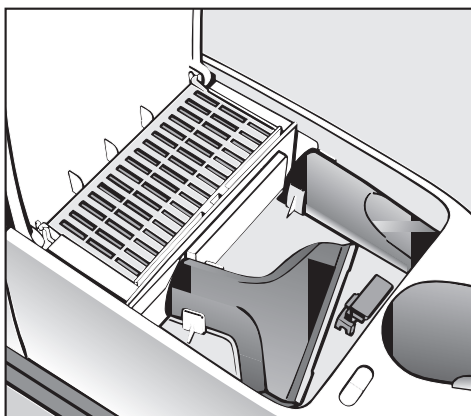
These tools are stored in the special compartment integrated into the actual vacuum cleaner and can be put back after use.



- Press the release button and the lid will open.



- Take out the accessory you require.
- Press down firmly on the lid to close it.

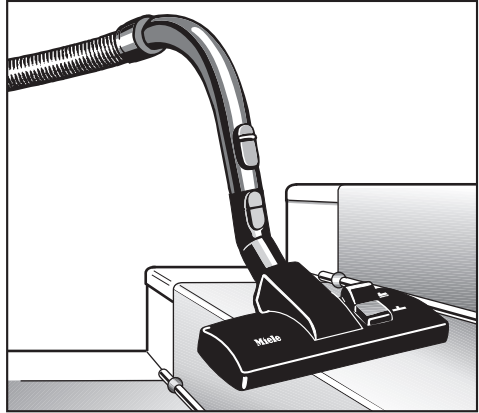


Accessories supplied

The different tools can either be fitted to the hand-piece or, as required, to the suction tube.

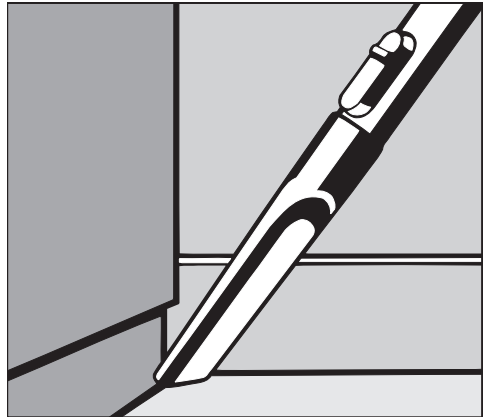
Floorhead

Also for cleaning stairs.



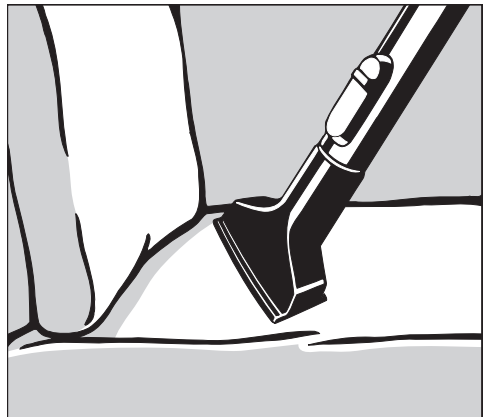
Crevice nozzle

For cleaning in folds, crevices or corners.



Upholstery nozzle

For cleaning upholstery, mattresses, cushions, curtains, covers etc.




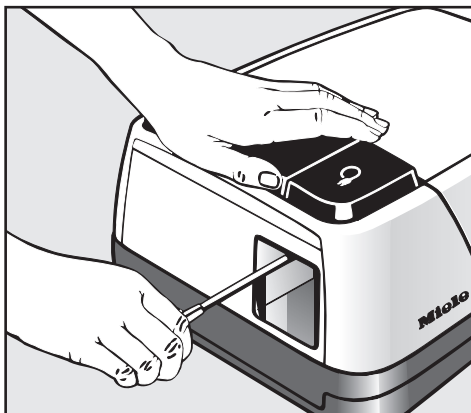
Operation

Unwinding and rewinding the mains cable

Unwinding

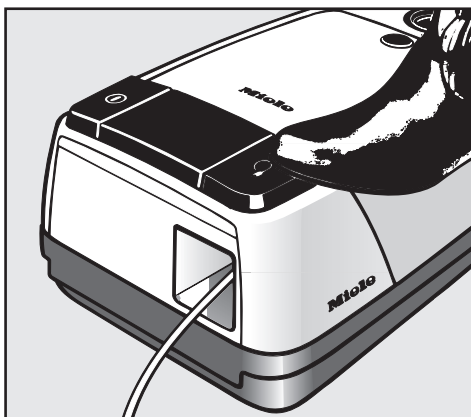
- Hold the plug and unwind cable to the required length (max. approx. 6.5 metres).

 When vacuuming for longer than 30 minutes, pull the cable out to at least $\frac{2}{3}$ of its total length, even when working close to the wall socket. Otherwise there is a danger of overheating and damage.



Rewinding

- Switch off at the wall socket and remove the plug.
- Press the rewind switch. The cable will rewind automatically.




Switching on and off

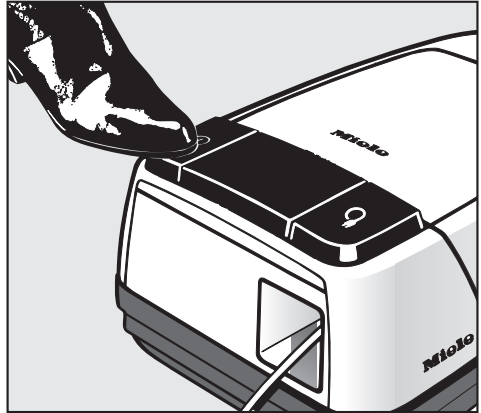
To switch the vacuum cleaner on or off:

- Press the On/Off switch.

Vacuuming

- When vacuuming pull the cleaner behind you on its wheels. You can stand it upright for vacuuming stairs and curtains etc.

 When vacuuming especially fine dust, e.g. sawdust, sand, plaster, flour, talcum powder etc., electrostatic charges build up naturally. Under certain conditions these charges will be released. To avoid the unpleasant effects of these discharges, a metal inlay has been incorporated into the underside of the handle. Please make sure that you keep your hand in constant contact with this metal strip during vacuuming. This way any build-up of electrostatic charge will be rendered ineffective.




Operation

Regulating the suction

(for models with a rotary selector)

The suction power can be regulated to suit the type of flooring. The higher the wattage the more powerful the suction. Reducing the suction power reduces the amount of effort required to manoeuvre the floorhead. Setting the suction power selector according to the degree of soiling and type of flooring being cleaned, will save energy.

Smooth, lightly soiled flooring is easily cleaned using the Economy  setting. Fitted carpets and thick pile carpets require the most powerful setting to remove ingrained soiling.

Rotary selector

(depending on model)

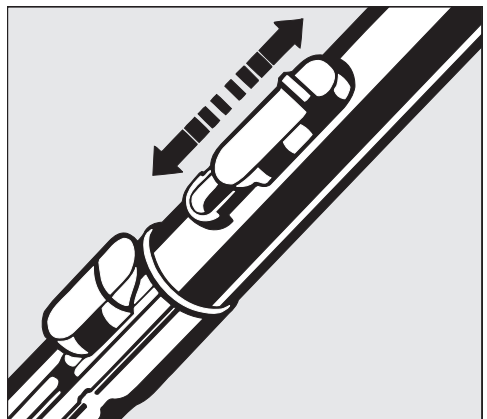
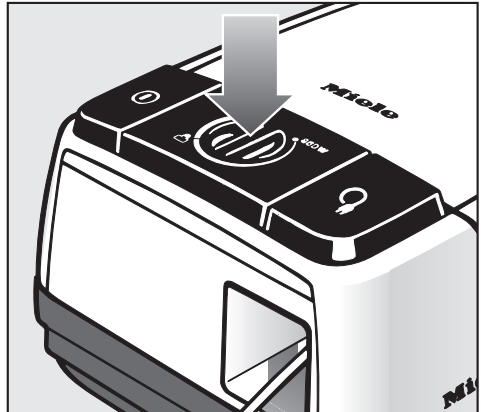
Turn the rotary selector manually to the suction power setting you require.

Opening the air inlet valve

Opening the air inlet valve allows you to reduce the suction power quickly and easily for brief periods. This is very useful if you have vacuumed up something too large by mistake, or when moving from cleaning a carpeted floor to a lightweight rug. To prevent the object or rug from being sucked up,

- Open the air inlet valve far enough to reduce the suction power.

Opening the air inlet valve and reducing the suction power also means that less effort is required to manoeuvre the cleaning attachment being used.

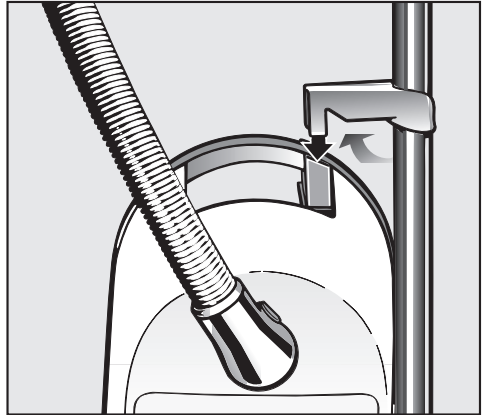


Transportation and storage

(for models with a suction tube holder)

- Stand the vacuum cleaner upright when it is not being used and during storage.
- Fold out the tube holder on the suction tube and attach it to the vacuum cleaner.

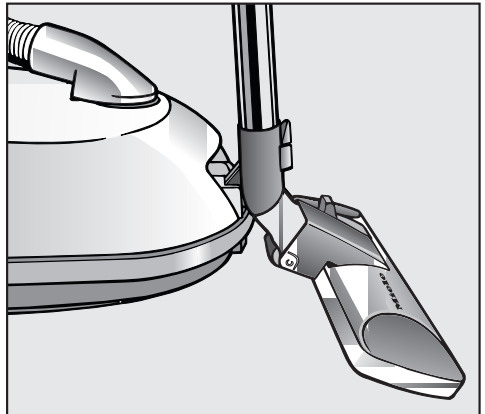
If the tube holder is in an unsuitable position it can be moved along the suction tube and turned as required.



Park system

A Park system has been designed for conveniently parking the vacuum cleaner during pauses.

- Fit the floorhead into the parking attachment on the vacuum cleaner.



Operation

Dustbag change indicator

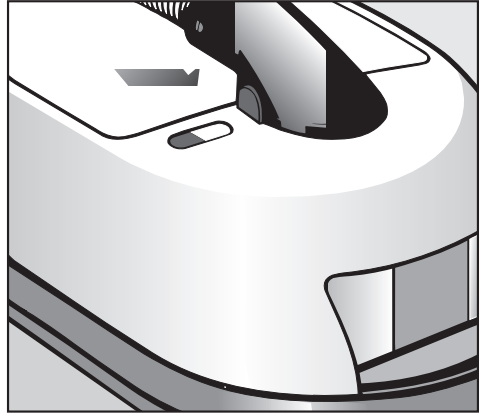
The dustbag change indicator shows when the dustbag needs to be changed.

- Set the suction power selector (if present) to the highest setting.
- Switch the vacuum cleaner on and lift the floorhead off the floor a little.

To do this test you should only use the standard floorhead on your vacuum cleaner. Do not use any of the other floorheads or attachments as they will cause the dustbag change indicator to give a false reading.

Change the dustbag when the colour marker in the dustbag change indicator fills the display.

- You should change the bag even if it does not appear to be full.




How the dustbag change indicator works

The indicator is designed to measure the air permeability of a dustbag containing common household dust. Normal household dust would contain a mixture of dust, hair, carpet fluff, threads, grit etc.

However, if the vacuum cleaner has been used to suck up fine dust, such as plaster, brick dust, cement or flour the pores of the dustbag become blocked very quickly. This affects the air permeability of the bag and the marker will indicate that the bag is "full" even when it is not. If this happens you must still change the dustbag because suction power will be greatly reduced by blocked pores in the dustbag.

If, on the other hand, you have vacuumed up a lot of hair and carpet fluff which typically contains a lot of air the indicator may fail to react even though the bag is full. You should still change it! Both these extremes can occur.

 Always disconnect the vacuum cleaner from the electrical supply for maintenance work and for cleaning. Switch off at the wall socket and remove the plug.

The Miele filter system consists of three filters.

- Dustbag
- Exhaust filter (SUPER air clean)
- Dust compartment filter (for motor protection)

These will need to be replaced from time to time to ensure that your vacuum cleaner performs efficiently.

Use only genuine Miele dustbags, filters, accessories and optional accessories. This ensures optimum performance of the vacuum cleaner and that the dustbag is used to capacity.

When should the dustbag and filters be changed?

Dustbag

Change the dustbag when the colour marker in the dustbag change indicator fills the display.

Exhaust filter * (SUPER air clean)

Replace the SUPER air clean filter every time you start a new packet of dustbags.

Dust compartment filter * (for motor protection)

This filter is designed to last a long time. It will need changing if it is heavily soiled, for instance in the event of a damaged dustbag.

Purchasing new dustbags and filters

Replacement dustbags and filters can be obtained from your local Miele Dealer or directly from the Miele Spare Parts Department.

Ordering the correct dustbags and filters

When ordering dustbags for this vacuum cleaner ask for bags with the code **F/J/M**.

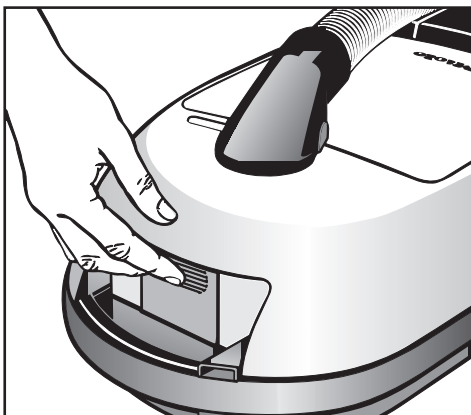
* A "SUPER air clean exhaust" filter and a dust compartment filter are supplied with every packet of Miele dustbags.

Maintenance and care

To replace the dustbag and filters

Open the dust compartment lid

- Press the release button for the dust compartment lid and raise the lid as far as it will go.



To replace the dustbag

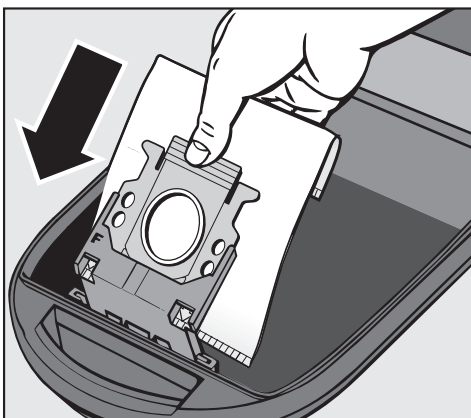
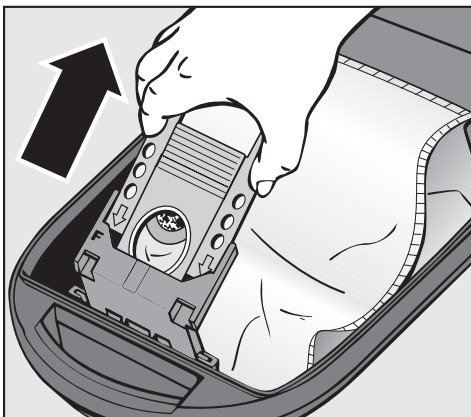
- To remove the dustbag hold the bag by the collar and pull it out of its holder.

The dustbag has a closing flap which closes automatically when the dustbag is removed to prevent any dust escaping.

It can then be disposed of with the normal household waste as long as it has only been used for vacuuming up normal household dust.

Do not unfold the new bag when you take it out of the packet. This way it will not get trapped when you shut the dust compartment lid again.

- To insert a new dustbag, push the collar securely into the frame as far as it will go. Otherwise you will not be able to shut the lid.
- Close the dust compartment lid firmly.



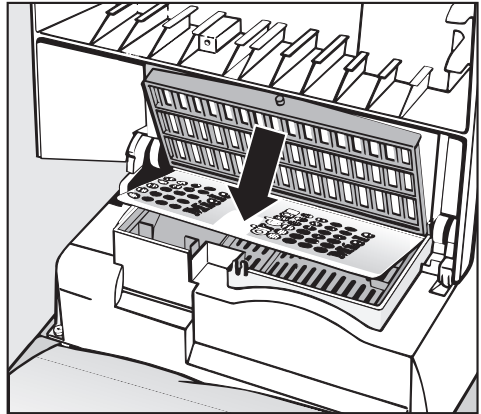
Exhaust filter (SUPER air clean)

The "SUPER air clean filter" consists of a finely woven network of fibres which are designed to trap dust and other microscopic particles. The air that is expelled from the cleaner is cleaner than the room air.

Replace the SUPER air clean filter every time you start a new packet of Miele dustbags.

A SUPER air clean filter is supplied with every packet of Miele dustbags.

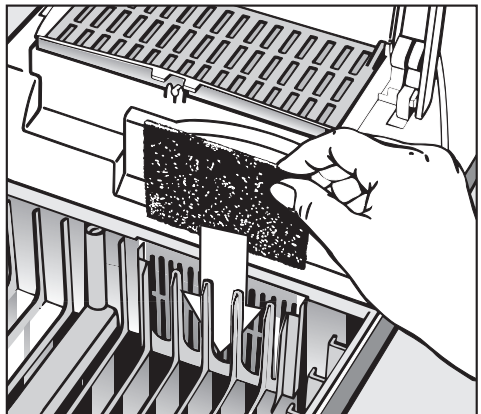
- Open the filter frame.
- Take hold of the used SUPER air clean filter by the clean, unsoiled section (see arrow) and take it out.
- Replace it with a new SUPER air clean filter. It can be inserted either way up.
- Close the filter frame.



Dust compartment filter (for motor protection)

- Open the dust compartment lid.
- Take out the old filter and replace it with a new one.

A dust compartment filter is supplied with every packet of Miele dustbags.

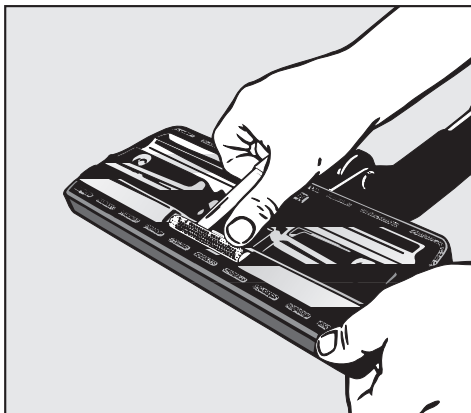


Maintenance and care

Changing the thread lifters

The thread lifters on the suction inlet to the floorhead and upholstery nozzle can be replaced. Check them from time to time and replace them if the pile has worn down.

- Use a knife or similar object to remove them from the slots.
- Fit the new thread lifters.

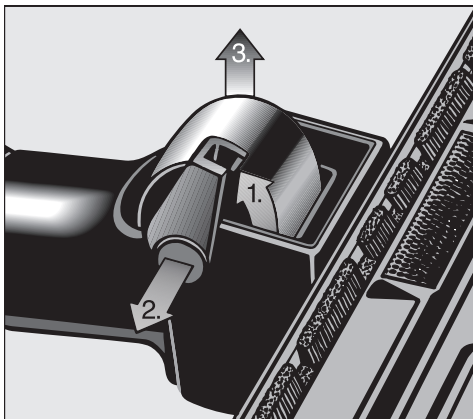



If threads or hair have wound round the bearing on the floorhead roller:

1. Release the lever from the bearing
2. Take the bearing out of the roller.
3. Take out the roller.

Remove all threads and hair etc, then replace the individual parts in the correct order.


Spare parts are available from your Miele dealer or from the Miele Spare Parts Department.



 Always disconnect the vacuum cleaner from the electricity supply for maintenance work and for cleaning. Switch off at the wall socket and remove the plug (pull on the plug, not the cable).


Vacuum cleaner and accessories

External surfaces of the vacuum cleaner and of the accessories can be cleaned with a dry cloth or a slightly damp cloth or with a proprietary cleaner suitable for plastic.

 Do not use abrasive cleaners, glass cleaners or all-purpose cleaners!
Because of their chemical composition they could cause serious damage to plastic components.

Dust compartment

The dust compartment can, if necessary, be cleaned using a **dry** duster, dusting brush or, if available, a second vacuum cleaner to vacuum the dust out.

 Do not let the vacuum cleaner get wet. If moisture gets into the appliance there is a risk of electric shock.

Problem solving guide

The vacuum cleaner has switched itself off automatically.

A temperature limiter switches the vacuum cleaner off automatically if it gets too hot.

This can occur if, for instance, large articles block the suction tube or when the dustbag is full or contains particles of fine dust. A heavily soiled exhaust or dust compartment filter can also be the cause of overheating. Switch off the vacuum cleaner using the On-Off switch.

After removing the cause, wait for a period of approx. 20 - 30 minutes, to allow the vacuum cleaner to cool down. It can then be switched on again.

In the event of a fault that you cannot easily remedy, please contact

- your Miele Dealer or
- the nearest Miele Service Department. (See address on back page).

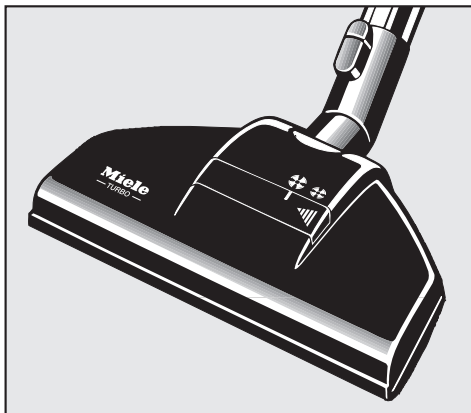
Please note that telephone calls may be monitored and recorded to improve our service.

Optional accessories

Turbobrush

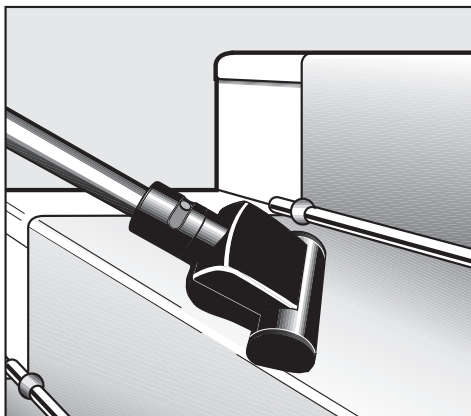
The Turbobrush is particularly suitable for vacuuming cut pile carpeting. The brush is operated by the suction power of the vacuum cleaner. It has a rotating brush and is very effective at picking up thread, hairs and fluff.

It is also important to observe the flooring manufacturer's cleaning and care instructions.



Hand-held Turbobrush

The hand-held Turbobrush is intended for vacuuming upholstery, mattresses, car seats, carpeted stairs and other areas inaccessible to the standard Turbobrush.



Floor brush

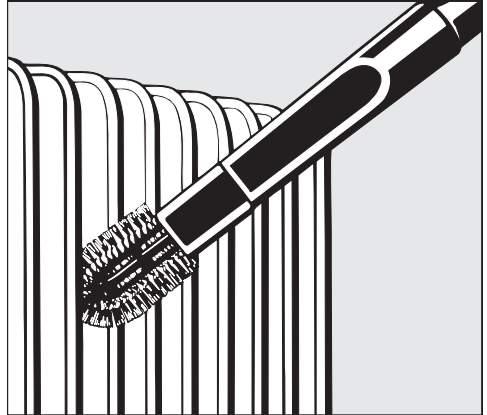
Special brush for cleaning hard floors (parquet, stone, PVC), and flooring which might be scratched, (e. g. with a high shine).



Radiator brush

For cleaning radiators, narrow shelves and crevices.

- Attach the radiator brush to the crevice nozzle.



Dusting brush

For cleaning skirting boards, ornate or carved articles, etc. The head of the dusting brush can be swivelled to attain the best cleaning position.



Optional accessories

Universal brush

For dusting books, shelves, etc.



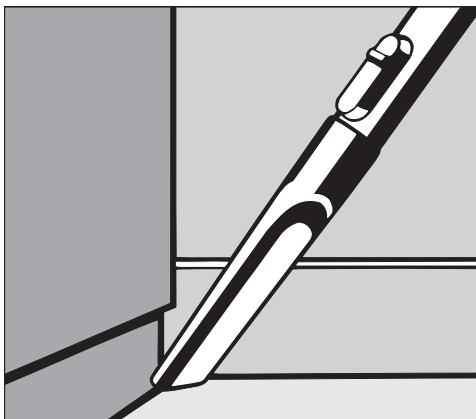
Mattress nozzle

For cleaning upholstery, mattresses, cushions, curtains, covers etc.



Crevice nozzle (300 mm)

For cleaning in folds, crevices or corners.



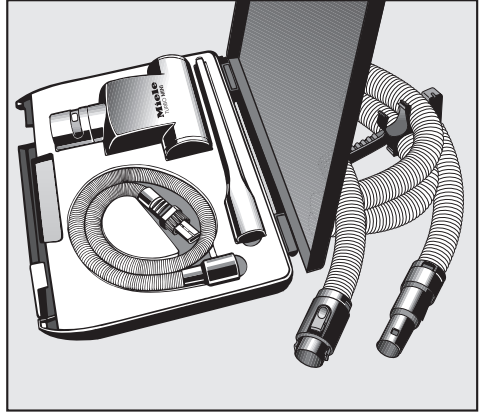
CarClean Set Plus

The CarClean Set Plus has been designed for valeting the interior of cars.

It consists of:

- Hand-held Turbobrush
- Micro-hose with combination nozzle (crevice nozzle and dusting brush)
- Crevice nozzle (300 mm)

These are supplied in a carry case together with a 3 m long suction hose with hose clip.

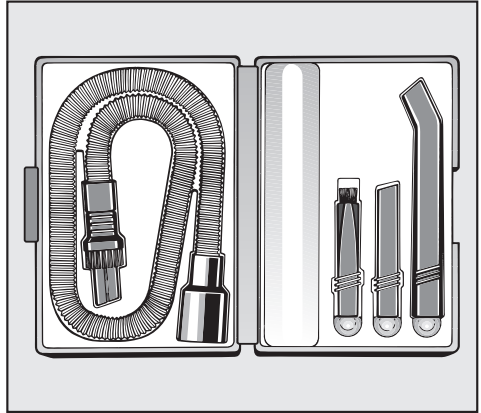


MicroSet

This set is specially designed for cleaning small objects and difficult to reach areas (such as PC keyboards, stereo equipment, intricately carved furniture and ornaments, models etc).

It consists of:

- Micro-hose with combination nozzle (crevice nozzle and dusting brush)
- Micro-dusting brush
- Micro-crevice nozzle
- Angled extension



Electrical connection

All electrical work should be carried out by a suitably qualified and competent person in strict accordance with national and local safety regulations.

The voltage and rated load are given on the data plate located underneath the vacuum cleaner. Please ensure that these match the household mains supply.

The appliance must be connected to a 230-240 V/50 Hz a.c. single phase supply via a 10 A plug.

Important

The wires in the mains lead of this appliance are coloured in accordance with the following code:

Blue = Neutral

Brown = Live

As the colours of the wires may not correspond with the markings identifying the terminals in your plug, proceed as follows: The wire coloured blue must be connected to the terminal marked with the letter "N" or coloured black. The wire coloured brown must be connected to the terminal marked with the letter "A" or coloured red. Neither core is to be connected to the earth terminal of a three-pin plug.

Test marks.....Electrical safety
.....C-Tick Mark

Electrically suppressed
according to.....AS/NZS 1044



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