Skyline Round

Operating and installation instructions for the models

- BDL 60 SKR
Document information

Operating and installation instructions for:
- BDL 60 SKR E01 ceiling lift hood
- Original instructions.
- Part of the product.
- Copyright protected.
- Duplications, re-printing and distribution only with permission.
- Subject to alteration.

Safety information

⚠️ DANGER!
Notes with the word DANGER warn of a hazardous situation that results in serious injuries or death.

⚠️ WARNING!
Notes with the word WARNING warn of a hazardous situation that could result in serious injuries or death.

⚠️ CAUTION!
Notes with the word CAUTION warn of a situation that could result in minor injuries.

⚠️ ATTENTION!
Notes with the word ATTENTION warn of a situation that could result in damage to property or to the environment.

Symbol clarification - text

☞ Handling requirement
- Listing
☞ Reference to another point in this document
☞ Reference to other documents that should be observed

Symbol clarification - illustrations

- Highlighting of the parts involved in the action with shading
- Handling steps with numbering
- Part designations with upper case characters
- Dimensions with lower case characters or units in mm
- Movement and direction arrows
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1. Safety information

1.1 Proper intended use

The device serves to extract cooking vapours.
The device is intended exclusively for private domestic use.
The device must only be used with original filters from the manufacturer.

It is only permitted to use the device when it is in technically flawless condition and after correct installation.
Any other use shall be considered improper use.

The reading and observance of this manual are also included in the proper use of the device.

1.2 Authorised target groups

Electrical work only to be undertaken by qualified electricians in accordance with DIN VDE 0100. Requirements on qualified electricians:
- Knowledge of the basics of electrics.
- Knowledge of country-specific regulations and standards (e.g. in Germany, DIN VDE 0100, part 701).
- Knowledge of the applicable safety regulations.
- Knowledge of the relevant legal requirements for gas installations (e.g. in Germany the technical rules for gas installations TRGI).
- Knowledge of this manual.

Installation and repair only by qualified specialist personnel. Requirements on qualified specialist personnel:
- Knowledge of the regulations on safety at work.
- Knowledge of fastening systems.
- Basic knowledge of ventilation systems.
- Experienced in using electrical and mechanical tools.
- Ability to read technical drawings.
- Knowledge of this manual.

Operation, cleaning and maintenance by the user. Requirements for the user:
- Knowledge of this manual.

There are separate requirements for the following users:
- Children from 8 years and older.
- Persons with restricted physical, sensory or mental capabilities.
- Persons with a lack of experience and knowledge. These users are only permitted to carry out operation, cleaning and maintenance. Special requirements:
  - Users are supervised.
  - Users are instructed with regard to safe use of the device.
  - Users understand the hazards involved with the device.
  - Children may not play with the device.

1.3 General safety instructions

⚠️ WARNING!

Hazard through a disregard of the operating and installation instructions!

This manual contains important information for the safe handling of the device. Separate reference is made to possible hazards.
☞ Read through this manual thoroughly.
☞ Follow the safety instructions in this manual.
☞ Store the manual in an accessible location.

Naked flames can damage the device and can cause fires.
- Gas operation only with low gas flames (not rising above the edge of the base of the pots).
- Do not flambé underneath the device.
- No unattended deep frying underneath the device.

The use of the device is forbidden under the following circumstances:
- If necessary safety devices are missing (e.g. whilst using a heating point which uses air from the room as its oxygen supply).
- If essential approvals are missing (e.g. from chimneysweeps).
- In potentially explosive atmospheres.
- If the device or individual components are damaged.
- In the event of unauthorised alterations or changes to the device.
- If liquid has penetrated the device.
- When heavily soiled.
- For children under 8 years old and persons who would not be able to properly assess the hazards associated with handling the device.

The manufacturer accepts no liability for damage occurring in the following circumstances:
- Disregard of this manual.
- Improper use of the device.
- Improper installation and handling of the device.
- Use of the device by unauthorised target groups.
- Bypassing safety equipment on the device.
- Use of replacement parts that were not produced or approved by the manufacturer.

Further safety instructions can be found in the respective relevant chapters of this manual.
☞ "3.1 Safety instructions for installation" (page 8).
☞ "4.1 Safety information for operation" (page 16).
☞ "5.1 Safety information for cleaning" (page 17).
☞ "6.1 Safety instructions for maintenance" (page 19).
2. Product information

2.1 Functional principle

- **Centrifugal force**
  - Cooking vapours are drawn through a gap and into the hood where they are accelerated and routed through bends.
  - The resultant centrifugal force ejects particles of dirt (e.g. particles or grease and oil) out of the air.
  - The dirt particles are separated out and collected on the upper and lower section as well as a catchment screen ("Capillar Trap").

- **BackFlow technology**
  - Condensate or droplet formation on the extractor hood (e.g. if steam touches the cold surface) is prevented by the ventilation of the hood underside.
  - Part of the vented air quantity is blown in at the sides over the hood underside and directed into the suction gap.

2.2 Recirculated air mode

The device is used in recirculated air mode:

The filter filling in the recirculated air filter neutralises any unpleasant odours present. The odour-free, cleaned room air is fed back into the room. The humidity in the room can be reduced with the fresh air feed.

In recirculated air mode, it is necessary to use the run-on function so that the device can remove the remaining odours. Using the run-on function increases the life of the filter filling. The filter filling must be replaced at regular intervals.
## Product overview

**A** Ceiling console comprising a ceiling mounting plate and a cover

**B** Hood body with lift function (optional) and faceplate with effect lighting

**C** Lower section

**D** BFB5 remote control

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**A** Capillar Trap (behind the lower section, removable)

**B** Hinge for the lower section

**C** Lower section (folds down)

**D** Hob lighting

**E** Ratings plate (behind the Capillar Trap)
2.4 Scope of delivery

A Ceiling mounting plate
B Cover for ceiling mounting plate (placed on loosely)
C Hood body with support cables (pre-installed)
D Recirculated air filter BUF 150+ (in the hood body)
E BFB5 remote control
F Protective cover
G USB power adapter
H USB cable
I 4 lock nuts (counter nuts, pre-installed)
J 4 galvanised steel bolt anchors BoA 8 mm with nuts (SW13) and washers
K Cable tie
L Wieland socket with 2 metal screws F2.9 x 13
M Operating instructions BFB5
N Operating and installation instructions

The fastening materials are only suitable for solid walls.

Further accessories may be required depending on the operating mode.

2.5 Technical data

<table>
<thead>
<tr>
<th></th>
<th>BDL 60 SKR E01</th>
</tr>
</thead>
<tbody>
<tr>
<td>Connection voltage</td>
<td>230 V / 50 Hz</td>
</tr>
<tr>
<td>Total power</td>
<td>272.1 W</td>
</tr>
<tr>
<td>Fan power consumption</td>
<td>170 W</td>
</tr>
<tr>
<td>Drive power consumption</td>
<td>80 W</td>
</tr>
<tr>
<td>Lighting</td>
<td></td>
</tr>
<tr>
<td>Hob lighting</td>
<td>LED 195 W, 2724 lm</td>
</tr>
<tr>
<td>Lighting</td>
<td></td>
</tr>
<tr>
<td>Effect lighting</td>
<td>LED 2.6 W, 264 lm</td>
</tr>
<tr>
<td>Noise power level 3</td>
<td>63 dB(A)</td>
</tr>
<tr>
<td>Width</td>
<td>ø 600 mm</td>
</tr>
<tr>
<td>Height (retracted)</td>
<td>485 mm</td>
</tr>
<tr>
<td>Height adjustability</td>
<td>1200 mm</td>
</tr>
<tr>
<td>Net weight</td>
<td>48.0 kg</td>
</tr>
</tbody>
</table>

Information on the model (e.g. serial number, year of construction) is quoted on the front panel.

⇒ “2.3 Product overview” (page 6).
3. Installation

3.1 Safety instructions for installation

⚠️ WARNING!

Hazard through disregard of the installation instructions!

This chapter contains important information for the safe installation of the device.
☞ Read through this chapter carefully before installing the device.
☞ Follow the safety instructions.
☞ Carry out the installation as described.

- Installation only by qualified specialist personnel.
  ☞ “1.2 Authorised target groups” (page 4).

- Electrical work only to be undertaken by qualified electricians.
  ☞ “1.2 Authorised target groups” (page 4).

- At least three persons are required for the installation.
- When working at heights, ensure good stable footing (e.g. stable stepladder).
- The hob and other parts that can be touched must be allowed to cool prior to installation.
- Store the film or other parts of the packaging in a location which is inaccessible to children.
- The device must be in an undamaged and fault-free condition prior to installation.
- Cables must not be kinked, crushed or damaged.
- Never open the fan housing.
- The power supply voltage must match the voltage information quoted on the ratings plate.
  ☞ “2.5 Technical data” (page 7).
- Ensure that the power supply is stable and remains so prior to the installation.
  Connect the power supply only when instructed to do so in the installation instructions.

3.2 Requirements for the installation location

⚠️ WARNING!

Risk of death due to improper installation!

Disregard of the ambient conditions can lead to hazardous situations, e.g. in the handling of electrical power or gas.
☞ Make sure that the requirements for the installation location are complied with.

- Do not install in potentially explosive atmospheres.
- Installation is only permitted on structural building elements capable of bearing the load (solid structure).
- If installed above a fireplace that uses solid fuels (e.g. coal stove):
  The fireplace must have a sealed cover which cannot be removed. Otherwise there is a fire risk due to flying sparks.
  Applicable legal and country-specific regulations must be observed.
- The air flowing out must be able to dissipate unimpeded.
  Do not impede the air flow, e.g. through the installation of objects on or above the device.
- Make sure that the building electrical supply is properly earthed.
- The power supply voltage present must match the voltage information quoted on the ratings plate.
- An all-pole isolating device (with a contact gap of at least 3 mm) must be provided for the power supply on the installation side.
- There must be a means of connecting the ceiling console to the power in the installation area.
☞ Country-specific, legal provisions must be observed.
3.3 Installation procedure

Short overview:
1. Preparation for installation
2. Unpack the device
3. Install the ceiling mounting plate
4. Hang the device in place
5. Set end positions with lift function (optional)
6. Check and carry out commissioning

3.3.1 Preparation for installation

☞ Familiarise yourself with the installation situation and the associated documents:
  • Device and instructions
  • Accessories
  • Installation location
  • Intended operating mode

☞ Assemble the tools and materials required:
  • Stable stepladder
  • Folding rule or measuring tape
  • Pencil
  • Spirit level
  • Slotted screwdriver SL 2.5 x 0.4
  • Phillips screwdriver PH1
  • Slotted screwdriver
  • ø 8 mm masonry bit
  • Hammer drill
  • 13 mm spanner
  • 3 mm Allen key
  • Protective material (e.g. thick cardboard) for the hob and the worktops

☞ Keep the installation area free of objects that could be in the way or that could be damaged.
☞ Make sure that the hob and other parts that could be touched have cooled down.
☞ Protect the hob and other surfaces in the installation area (e.g. with thick cardboard).
☞ Ensure that the power supply is switched off and remains so. Connect the power supply only when instructed to do so in the installation instructions.

3.3.2 Unpack the device

⚠️ ATTENTION!

Hazard of glass breaking or other damage due to incorrect handling!
The device and its surfaces can be damaged when being unpacked or transported.
☞ Do not cut into the protective cardboard packaging.
☞ Keep objects that could scratch the device far away from it (e.g. tools, belt buckles).

☞ Unpack the device and all accompanying parts carefully.
☞ Set the device down on a firm, clean and protective surface (e.g. thick cardboard).
☞ Check the device and its constituent parts for damage.
☞ Check the delivery is complete.
  ➤ “2.4 Scope of delivery” (page 7).

If parts are missing or damaged:
☞ Please consult your dealer or customer services.

☞ Remove the packaging material.
  ➤ “8.1 Dispose of packaging” (page 22).
### 3.3.3 Install the ceiling mounting plate

The device is designed to be hung on ceilings.

When mounting to a solid ceiling:
- Make sure that the ceiling has sufficient load bearing capacity.
- Ensure that the ceiling is level and horizontal.
- Use the fastening materials provided.

With different installation situations:
- Enquire about alternative fastening systems (e.g. consult with your architect).
- Only use fastening hardware suitable for the type of ceiling.

When hanging, first attach the ceiling mounting plate to the ceiling and then screw the hood body onto the ceiling mounting plate.

- Make sure that the legal safety clearances will be complied with:
  - Recommendation 650 mm.
  - With electric hobs, at least 650 mm.
  - With gas hobs, at least 650 mm.

#### WARNING

**Risk of death due to explosions or electric shock!**

Drilling through gas, water or electrical lines can lead to hazardous situations.

- Ensure that there are no lines in the ceiling at the fastening points.

<table>
<thead>
<tr>
<th>BDL 60 SKR</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>a</strong> Gap between two bolt anchors</td>
</tr>
<tr>
<td><strong>b</strong> Gap between two bolt anchors</td>
</tr>
<tr>
<td><strong>c</strong> Diameter of circle over slots</td>
</tr>
</tbody>
</table>

- Determine the locations of the fastening points and mark them:
  - 2 bolt anchors inside the lock holes.
  - 2 bolt anchors in the centre of slots.

- Drill the holes in the ceiling.

- Insert the bolt anchors into the holes.
- Ensure that the bolt anchors are tight in the holes.

- Determine the hanging position. Observe the hob position:
  - The ceiling mounting plate's centre point is directly above the hob's centre point.
  - The ceiling mounting plate runs parallel to the hob.
Screw the nuts and the washers onto the bolt anchors in the position of the lock holes.
- Ensure that there is at least a 6 mm gap between the ceiling and the top edge of the washers.

Push the ceiling mounting plate over the nuts in the lock holes.
- Twist the ceiling mounting plate so that it is held by the nuts.
- Ensure that the ceiling mounting plate is hanging securely.

Screw the nuts and the washers onto the bolt anchors in the slots.
- Ensure that the ceiling mounting plate is aligned parallel to the hob's front edge.
- Tighten the nuts cross-wise using the spanner.
- Ensure that all nuts are fully tightened.

The ceiling mounting plate is hanging securely and aligned correctly on the ceiling.

The Wieland socket and the earthing cable are installed in the pre-drilled positions.

⚠️ WARNING!

Risk of death due to electric shock!
Touching live parts can cause an electric shock, burns or death.
- Ensure that the power supply is switched off and remains so.

Observe the voltage specifications on the ratings plate.
- Connect the Wieland socket to the ceiling connection plate.
- Connect the Wieland socket to the power supply provided by the customer.

Route the cables so that they are not kinked, crushed or damaged.
- Make sure that the device can be disconnected on all poles from the electricity supply after installation.
3.3.4 Hang the device in place

⚠️ WARNING!
Danger of injuries through improper handling!
Hanging the device requires a great deal of physical exertion due to its size and weight. If the device falls down, serious injuries are possible.
☞ Three persons are required to hang the device.
☞ Ensure stable footing when hanging the device.
☞ Ensure that no other people are in the working area.

⚠️ ATTENTION!
Danger of property damage through improper handling!
Hanging the device requires a great deal of physical exertion due to its size and weight. If the device falls, the device, kitchen furnishings and other objects could be damaged.
☞ Cover the cooled hob.
☞ Keep the installation area clear.

Two persons hold the hood body and a third person carries out the following tasks:
☞ Guide the support cable’s mounting sleeves into the appropriate threaded bolts on the ceiling mounting plate.
☞ Screw in the mounting sleeves until they stop on the threaded bolts on the ceiling mounting plate.
☞ Ensure that all four support cables are tensioned.

The hood body can now hand freely on the support cables.

⚠️ ATTENTION!
Danger of property damage due to improper hanging on the cables!
The cable cannot be wound up correctly due to obstructions or irregularities on the cable guide.
☞ Ensure that the device is hanging freely and straight on the cables.

☞ Have two persons lift the hood body.
☞ Align the hood body.
  • The distance to the ceiling mounting plate must be less than 800 mm.
  • The front side of the device can be identified by the company logo.

☞ Plug the Wieland plug into the Wieland socket.
Feed the mains cable with the Wieland plug tightly from the device to the ceiling mounting plate.
Secure the mains cable to the ceiling mounting plate with a cable tie.

Connect the earthing cable.

**WARNING!**
Risk of injury due to the device falling down!
Loosen the mounting sleeves to align the device. If the fastening sleeves are loosened too far, the support cable can be torn out of the screwed end and the device may fall down. The device's size and weight can cause severe injuries.
- Never unscrew the fastening sleeves completely.
- Ensure that there is no more than 10 mm of thread on the screwed end visible.

Align the hood body horizontally by adjusting the fastening sleeves.
Tighten all fastening sleeves using the lock nuts (counter nuts) on the ceiling mounting plate.
Ensure that all fastening sleeves are fully tightened on the ceiling mounting plate.

The hood body is aligned and secured.
Installation

☞ Check that the mains cable and the electrical connection cable are not kinked, crushed or damaged.

☞ Push the cover (placed loosely on the hood body) over the support cable and the ceiling mounting plate.
☞ Screw in the lock nuts.
☞ Tighten the lock nuts to hand-tight.
☞ Switch the electricity supply on.

The device is ready for operation.

A remote control is used to raise the hood body.
☞ "4.2 Remote control" (page 16).

⚠️ ATTENTION!

Danger of irreparable property damage through improper operation!
If the device drives against an obstacle, the support cables may be pushed from the rollers.
☞ Make sure that the route of travel is clear.

☞ Raise the hood body.
Installation

3.3.5 Set end positions with lift function (optional)

The remote control is used to set the end positions.

☞ Observe the instruction manual for the remote control.

⚠️ ATTENTION!

Danger of damage due to falling parts!
The cover can fall down when it is being removed and
damage the hob, the kitchen furnishings or other objects.
☞ When removing the cover, hold it tightly in both hands.
☞ Protect the area below the device (e.g. using thick
cardboard).

⚠️ ATTENTION!

Danger of irreparable property damage through
improper operation!
If the device drives against an obstacle, the support cables
may be pushed from the rollers.
☞ Make sure that the route of travel is clear.

Use the remote control to move the device upwards.
☞ Press and hold down the teach button to slow down the
movement.
☞ Release the teach button when the desired top end
position is reached.

In order to correct the end positions:
☞ Repeat the setting.

3.3.6 Check and carry out commissioning

⚠️ ATTENTION!

Risk of disruptions due to moisture in the device!
If the device is moved from a cold environment into a hot one,
condensation may form inside.
☞ Wait about 2-3 hours before bringing the device into
service.

☞ Check that an all-pole isolating device (min. 3 mm contact
gap) is present.
☞ Ensure that air outlets on the device are not closed or
covered.
☞ Check the correct functioning of the device.
☞ “4. Operation” (page 16).
☞ Ensure that the device is freely accessible at all times
(e.g. for maintenance work).
4. Operation

4.1 Safety information for operation

⚠️ WARNING!

Hazard through a disregard of the operating instructions!

This chapter contains important information for the safe operation of the device.

☞ Read through this chapter carefully before operating the device.

☞ Follow the safety instructions.

- Operation only by authorised users.
  *1.2 Authorised target groups* (page 4).
- No operation permitted by children under 8 years old and persons who would not be able to properly assess the hazards associated with handling the device.

- The device must not be operated unsupervised.
- Do not use during a fire or when there is an imminent danger of fire (e.g. a smell of gas).
- Gas operation only with low gas flames (not rising above the edge of the base of the pots). Naked flames can damage the device and can cause fires.
- Do not flambé underneath the device. Fire hazard.
- No unattended deep frying underneath the device.
- When in use, the hob and other parts that could be touched can become very hot. There is a risk of burning.
- Grease residues should be removed. Grease residues pose a fire hazard.
- No moisture in the device. Avoid dripping or splashing water.
- Do not set objects (e.g. vases, bottles) down on the device.
- Do not impede the air flow.
- Use only when the Capillar Trap is fitted and with the lower section closed.
- Do not cover the air outlets on the device. Out-flowing air must be able to escape through the ventilation slots without impediment. Otherwise backpressure may form. If the cooking vapours are no longer able to escape there is a danger of fire.

Measures to ensure a sufficient supply of fresh air:

☞ Open the windows.

☞ Open the doors.

☞ Ensure that the window contact switch and the wall box are installed and ready for operation.

☞ With heating points which use air from the room as their oxygen supply (e.g. chimneys):
  Make sure that the mandated safety devices are functioning correctly.

4.2 Remote control

The device is controlled via the battery-operated BFBS remote control.

☞ Observe the instruction manual for the remote control.
5. Cleaning

5.1 Safety information for cleaning

⚠️ WARNING!
Hazard through a disregard of the cleaning instructions!
This chapter contains important information for the safe cleaning of the device.
☞ Read through this chapter carefully before cleaning the device.
☞ Follow the safety instructions.

- Cleaning only by authorised users.
 ☞ “1.2 Authorised target groups” (page 4).
- No cleaning permitted by children under 8 years old and persons who would not be able to properly assess the hazards associated with handling the device.
- After use, the hob and other parts that could be touched may still be hot. There is a risk of burning.
- Grease residues should be removed. Grease residues pose a fire hazard.

The device should be cleaned regularly:
- Control panel, surface, upper section and lower section each time after cooking.
- With daily use, the Capillar Trap after three weeks at the latest.

5.2 Cleaning procedures

The device draws in dirt particles (e.g. grease and oil particles) with the air from the room. The dirt particles are separated off and collected in the upper section, the lower section and in the Capillar Trap.

Before every cleaning:
☞ Turn off the device.
☞ Make sure that the hob and other parts that could be touched have cooled down.

⚠️ ATTENTION!
Danger of damage through improper cleaning!
Sharp-edged objects, abrasive or unsuitable cleaning agents can damage the device.
The following cleaning agents are unsuitable and must not be used:
- Acetone
- Trichloroethylene
- Solutions on a cellulose basis (e.g. cellulose thinner)
- Artificial resin thinner
- Abrasive media
- Polishes containing silicone
- Polishes containing oil
- Wax
- Water vapour
- On painted surfaces: Microfibre cloth
 ☞ Keep objects that could scratch the device away from it (e.g. rings).
 ☞ Use mild household cleaner (e.g. alkali-free, pH-neutral multipurpose cleaner).
 ☞ Use a soft, damp cloth.
 ☞ Clean without exercising excessive pressure.

☞ The instructions and information on the cleaning agent should be observed.

Remote control
☞ Clean the remote control with a lint-free, slightly damp cloth (e.g. a microfibre cloth).
☞ Dry the remote control with a lint-free, soft cloth.

Surfaces
☞ Clean the surfaces with a soft, damp cloth and a mild household cleaner.
☞ Dry the surfaces with a soft cloth.
Cleaning

⚠️ CAUTION!

Danger of injuries due to device edges!
When removing and replacing the lower section or the Capillar Trap, fingers may become trapped and crushed.
☞ Move the device parts slowly and carefully.

⚠️ ATTENTION!

Danger of damage due to falling parts!
The lower section and the Capillar Trap can fall down when being removed and damage the hob, the kitchen units or other objects.
☞ Hold the parts tightly when removing.
☞ Protect the area below the device (e.g. using thick cardboard).

Lower section
The lower section is held in the device by magnets.

☞ Slowly guide the flap with the lower section down to the stop.

Capillar Trap
The Capillar Trap is inserted in the device over the lower section, and is held in the device by magnets.

☞ Take hold of the Capillar Trap on its sides with both hands.
☞ Turn the Capillar Trap.
☞ Pull the Capillar Trap down and off.
☞ Clean the Capillar Trap e.g. in a dishwasher.
☞ Clean the surfaces and edges on the recess for the Capillar Trap with a soft, moist cloth.
☞ Make sure that the Capillar Trap is completely dry.
☞ Place the Capillar Trap in the device from below.
☞ Turn the Capillar Trap until it is held by the magnets.
☞ Make sure that the Capillar Trap is securely mounted.

Clean the upper section with a soft, moist cloth.
Clean the lower section with a soft, moist cloth or in a dishwasher.
Dry the upper and lower sections with a soft cloth.
Place the lower section centrally on the mounting.
Turn the lower section until it is held by the magnets.
Push the lower section upwards until the magnetic fasteners can be heard to click into place.
Ensure that the lower section is securely mounted.

Clean the upper section with a soft, moist cloth.
Clean the lower section with a soft, moist cloth or in a dishwasher.
Dry the upper and lower sections with a soft cloth.
Place the lower section centrally on the mounting.
Turn the lower section until it is held by the magnets.
Push the lower section upwards until the magnetic fasteners can be heard to click into place.
Ensure that the lower section is securely mounted.
6. Maintenance

6.1 Safety instructions for maintenance

**WARNING!**
Hazard through a disregard of the maintenance instructions!
This chapter contains important information for the safe maintenance of the device.
☞ Read through this chapter carefully before carrying out maintenance work on the device.
☞ Follow the safety instructions.
☞ Carry out the maintenance work as described.

- Repairs only by qualified specialist personnel. ☞ "1.2 Authorised target groups" (page 4).
- Electrical work only to be undertaken by qualified electricians. ☞ "1.2 Authorised target groups" (page 4).
- Maintenance only by authorised users. ☞ "1.2 Authorised target groups" (page 4).
- No maintenance work permitted by children under 8 years old and persons who would not be able to properly assess the hazards associated with handling the device.

- When working at heights, ensure good stable footing (e.g. stable stepladder).
- The hob and other parts that can be touched must be cooled down.
- Never open the fan housing.

6.2 Maintenance

6.2.1 Changing the lamps
The device is fitted with maintenance-free LED lighting.
In the event of a fault:
☞ Please consult your dealer or customer services.

6.2.2 Replacing filter filling
Odours are trapped in the filter filling in the recirculated air filter. The odour-free, cleaned room air is fed back into the room.

Recirculated air filters are maintenance-free for up to two years. Then filter filling must be replaced at regular intervals.

Maintenance intervals
- When the control indicator blinks - every 1000 operating hours.
☜ Observe the instruction manual for the remote control.
- With odours in the exhaust air.
- With daily use, after 24 months at the latest.
- With occasional use, after 36 months at the latest.

**WARNING!**
Risk of death due to electric shock!
Touching live parts can cause an electric shock, burns or death. The information "Attention Voltage" in the device indicates an area with live parts.
☞ Never permit any reaching into the area labelled "Attention Voltage".
☞ Only remove the cover in order to change the filter filling.

**ATTENTION!**
Danger of property damage through falling parts!
When working on the device, parts of the device or tools could fall and damage the kitchen equipment.
☞ Protect the cooled hob and other surfaces in the cooking area (e.g. with thick cardboard).

The device must be in the lower end position.
☞ Disconnect the device from the power supply.

The front side of the device can be identified by the company logo.
☞ Position yourself in front of the device.

드립니다.
Take hold of the filter with both hands.
☞ Lift the filter at least 30 cm.
☞ Remove the filter to the front.
☞ Place the filter in a bucket or a similar container.
☞ Empty the filter completely.
☞ Fill the filter with new charcoal up to the maximum level.
☞ Clean the filter from the outside (e.g. through extraction with a vacuum cleaner).
☞ Grasp the filter with both hands.
☞ Carefully insert the filter again.
☞ Place the cover on the device.
☞ Ensure that the support cable and the mains cable are in the guide slots and are free to move.
☞ Fasten the screw in the cover.
☞ Reconnect the device to the power supply.

6.2.3 Tighten the hinges

⚠ ATTENTION!

Danger of damage due to falling parts!
Tool may fall down during tightening and damage the hob, the kitchen furnishings or other objects.
☞ Hold the tool firmly.
☞ Protect the area below the device (e.g. using thick cardboard).
If the lower section folds down too easily, it is necessary to tighten the hinge on the device.
☞ Turn off the device.
☞ Slowly guide the flap with the lower section down to the stop.

Turn the middle screw clockwise until the lower section only opens down slowly.
☞ Push the lower section upwards until the magnetic fasteners can be heard to click into place.
☞ Ensure that the lower section is securely mounted.

6.3 Fault rectification

Possible faults are described below:
Description of the fault:
• Possible cause.
・ Remedy.

Fan and lighting do not work.
• No power supply.
   ☞ Check that the all-pole mains switch is connected.
   ☞ Switch the mains switch on.
・ The breaker may have been tripped or is defective.
   ☞ Check to see if the breaker has tripped.
   ☞ If you use electric circuit breakers, turn the circuit breaker on again.
   ☞ For other types of fuse, consult a qualified electrician.

The fan does not work.
• The device is not switched on.
   ☞ Check all power levels.
• The device is connected to a window contact switch and the window is closed.
   ☞ Open the window.
• The device is connected to a safety device. The safety device detects a critical under-pressure.
   ☞ Open a window.
   ☞ Wait until the air pressure returns to normal.

The lighting does not work.
• The lamp has blown.
   ☞ Please consult your dealer or customer services.

Smells occur during operation.
• The filter filling is used up.
   ☞ Change the filter filling.
   ☞ “6.2.2 Replacing filter filling” (page 19).
7. Dismounting

**WARNING!**

Danger of injuries through improper handling!
Taking the device down requires a great deal of physical exertion due to its size and weight. If the device falls down, serious injuries are possible.

- At least three persons are required to take the device down.
- Ensure stable footing when taking the device down.
- Ensure that no other people are in the working area.

**ATTENTION!**

Danger of property damage through improper handling!
Taking the device down requires a great deal of physical exertion due to its size and weight. If the device falls, the device, kitchen furnishings and other objects could be damaged.

- Protect the hood body against damage and scratches (e.g. using a blanket).
- Cover the cooled hob.
- Keep the installation area clear.

7.1 Dismounting the hood body

- Move the device into a position where the distance to the ceiling console is no more than 1150 mm.
- Set the device down on a suitable surface (e.g. trestle).
- Disconnect all poles of the power supply for the device.
- Unscrew the lock nuts on the ceiling console’s cover.
- Deposit the cover on the body.
- Pull out the Wieland plug.
- Remove the screws from the cable anchor.
- Deposit the mains cable with the Wieland plug on the body.

If present:
- Remove any accessory connection cables.

- Have two persons hold the body.
- Have a third person unscrew the lock nuts (counter nuts) for the support cable on the fastening sleeves.
- Unscrew the fastening sleeves from the screwed end and loosen the support cable.
- Deposit the support cable on the body.
- Secure all moving parts on the hood body.
- Set the body down on a clean, solid surface or in the packaging.
Disposal

7.2 Dismounting the ceiling mounting plate
☞ Remove the nuts and the washers from the slots in the ceiling mounting plate.
☞ Unscrew the nuts from the lock holes in the ceiling mounting plate.
☞ Rotate the ceiling mounting plate.
☞ Remove the ceiling mounting plate.
☞ Set the ceiling mounting plate down on a clean, solid surface or in the packaging.
☞ Remove the nuts and the washers from the lock holes.

The device is dismounted.

8. Disposal

8.1 Dispose of packaging

⚠️ ATTENTION!
Risk of environmental damage due to improper disposal of the packaging!
☞ Do not put the packaging into the normal household waste.
☞ Take the packaging for environmentally friendly and proper recycling.

The packaging provides protection from transport damage. Only the original packaging guarantees sufficient protection during transportation.
☞ Store the packaging in a location which is inaccessible to children.

The packaging materials have been selected from an environmentally friendly perspective and are made from re-usable materials. The packaging materials can be returned to the raw materials cycle after use. This saves valuable raw materials.
- The outer packaging is made from cardboard.
- The filling material and the insets are made from cardboard or styrofoam.
- The protective film and bags are made from polythene (PE).
☞ Dispose of the packaging in an environmentally friendly manner, separated by materials.
8.2 Dispose of filter filling

Dispose of the charcoal in accordance with the local applicable Waste Disposal Act (EU waste code 061302).

8.3 Dispose of the device

⚠️ ATTENTION!
Risk of environmental damage due to improper disposal of the device!
The device is subject to the European Directive 2012/19/EU and should not be disposed of with household waste.

⚠️ Do not put the device into the normal household waste at the end of its service life.

⚠️ Enquire about the disposal options or environmentally friendly and proper recycling opportunities with your municipal or regional authorities.

Render the device unusable after dismounting it, e.g. by cutting the de-energised mains cable.

Dispose of the device in accordance with the legal provisions via a professional disposal centre or your local disposal facility.

Contact

If you have any questions or suggestions, please select from the following options:

Post: berbel Ablufttechnik GmbH
      Sandkampstraße 100
      D-48432 Rheine
Tel: +49 (0) 5971 80 80 9 - 0
     Mon to Thu 08:00 – 17:30 hrs and Fri 08:00 – 16:30 hrs
Fax: +49 (0) 5971 80 80 9 - 10
Internet: www.berbel.de
email: info@berbel.de

Contact the manufacturer’s customer support department
There are several ways for you to contact our customer service. Please select from the following options:

Tel: +49 (0) 5971 80 80 9 - 0
     Mon to Thu 08:00 – 17:00 hrs and Fri 08:00 – 15:00 hrs
Fax: +49 (0) 5971 80 80 9 - 10
email: service@berbel.de

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