Skyline / Skyline Edge

Operating and installation instructions for the models

- BDL 95 SK
- BDL 95 SKE
- BDL 95 SKE-I
- BDL 95 SKE-L
- BDL 115 SK
- BDL 115 SKE
- BDL 115 SKE-I
- BDL 115 SKE-L
- BDL 135 SKE
- BDL 135 SKE Sound
Document information

Operating and installation instructions for:
- Ceiling lift hood BDL 95 SK E01
- Ceiling lift hood BDL 95 SKE E01
- Ceiling lift hood BDL 95 SKE-I E01
- Ceiling lift hood BDL 95 SKE-L E01
- Ceiling lift hood BDL 115 SK E01
- Ceiling lift hood BDL 115 SKE E01
- Ceiling lift hood BDL 115 SKE-I E01
- Ceiling lift hood BDL 115 SKE-L E01
- Ceiling lift hood BDL 135 SKE E01
- Ceiling lift hood BDL 135 SKE Sound E01

Descriptions are identical for all models. Differences are noted separately. Illustrations show:
- BDL 95 SKE ceiling lift hood
- Ceiling console with stainless steel cover
- BUF-BDL recirculated air filter
- 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.
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. low-pressure monitor 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 information for installation” (page 10).
- “4.1 Safety information for operation” (page 20).
- “5.1 Safety information for cleaning” (page 21).
- “6.1 Safety information for maintenance” (page 23).
2. Product information

2.1 Functional principle

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”).

2.2 Operating modes

The device is suitable for the following operating modes:

- Recirculated air mode
- JetStream operation

With variants with JetStream technology, it is possible to actuate the ceiling extraction if necessary.

2.2.1 Recirculated air mode

The filter filling in the recirculated air filter neutralises any smelly 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.

2.2.2 JetStream operation

The cleaned room air can be routed to the outside via the building structure (e.g. ducting, chimney).

With JetStream operation an adequate fresh air supply is required. The device can only extract the amount of air to the outside that is present in the room or which is drawn into the room.

2.3 Product variants

2.3.1 Skyline ceiling lift hood

- BDL 95 SK
- BDL 115 SK
2.3.2 Skyline Edge ceiling lift hood

Variants with all-round effect lighting

- BDL 95 SKE
- BDL 95 SKE-I
- BDL 115 SKE
- BDL 115 SKE-I
- BDL 135 SKE
- BDL 135 SKE Sound

Variants with surface effect lighting

- BDL 95 SKE-L
- BDL 115 SKE-L

2.3.3 Ceiling consoles:

- With stainless steel cover
- With glass cover
- With glass cover and integrated ceiling effect lighting

⚠ The relevant documentation must be observed for ceiling consoles with lowering capability.
- With full lowering capability
- With half lowering capability
- With JetStream technology and full lowering capability
- With JetStream technology and half lowering capability

All variants can be equipped with the following recirculated air filters:
- BUF-BDL recirculated air filter with charcoal filling for regular replacement
- Regenerative permalyt BUR-BDL recirculated air filter with maintenance-free filter system
2.4 Product overview

A  Ceiling console comprising a ceiling mounting plate and a cover
B  Hood body with effect lighting
C  Lower section
D  BFB5 remote control

A  Capillar Trap (removable) – behind the lower section
B  Faceplate with lower section (removable)
C  Teach button cover
D  Hob lighting
E  Ratings plate – behind the Capillar Trap
F  Teach button to adjust the stop positions

A  Ceiling mounting plate
B  Screwed end
C  Mounting sleeve
D  Support cable
E  Cover for ceiling mounting plate
F  Wieland socket
G  Bracket
H  Mains cable with Wieland plug
I  Lock nut for ceiling mounting plate

A  Cover for hood body
B  Additional button to switch the hob lighting on/off.
C  Additional button to switch power level 3 on/off
D  Recirculated air filter
2.5 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 BUF-BDL recirculated air filter (in 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 Wieland socket with 2 metal screws F2.9 x 13
L Cable tie
M Operating instructions BFB5
N Operating and installation instructions

1 The ceiling mounting plate is omitted in the variants with a ceiling console that can be lowered. Instead, the scope of delivery includes the glass plate for the ceiling cover.

2 Omitted if permalyt BUR-BDL regenerative recirculated air filter is supplied (optional).

The fastening materials are only suitable for solid walls.

Further accessories may be required depending on the operating mode.

2.6 Technical data

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

* “2.4 Product overview” (page 7).

2.6.1 Skyline ceiling lift hood

<table>
<thead>
<tr>
<th></th>
<th>BDL 95 SK E01</th>
<th>BDL 115 SK E01</th>
</tr>
</thead>
<tbody>
<tr>
<td>Connection voltage</td>
<td>230 V / 50 Hz</td>
<td>230 V / 50 Hz</td>
</tr>
<tr>
<td>Total power</td>
<td>max. 280 W</td>
<td>max. 280 W</td>
</tr>
<tr>
<td>Fan power consumption</td>
<td>170 W</td>
<td>170 W</td>
</tr>
<tr>
<td>Lighting Hob lighting</td>
<td>LED 15.4 W</td>
<td>LED 18.8 W</td>
</tr>
<tr>
<td></td>
<td>1680 lm</td>
<td>2060 lm</td>
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<td>LED 8.8 W</td>
<td>LED 11.2 W</td>
</tr>
<tr>
<td></td>
<td>560 lm</td>
<td>720 lm</td>
</tr>
<tr>
<td>Lighting Ceiling effect lighting</td>
<td>LED 11.9 W</td>
<td>LED 14.6 W</td>
</tr>
<tr>
<td></td>
<td>1300 lm</td>
<td>1600 lm</td>
</tr>
<tr>
<td>Colour temperature, adjustable</td>
<td>2700 - 6500 K</td>
<td>2700 - 6500 K</td>
</tr>
<tr>
<td>Noise power level 3</td>
<td>57 dB(A)</td>
<td>60 dB(A)</td>
</tr>
<tr>
<td>Width</td>
<td>952 mm</td>
<td>1152 mm</td>
</tr>
<tr>
<td>Depth</td>
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<td>462 mm</td>
</tr>
<tr>
<td>Height</td>
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<td>345 mm</td>
</tr>
<tr>
<td>Height adjustability</td>
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</tr>
<tr>
<td>Net weight</td>
<td>55.0 kg</td>
<td>60.0 kg</td>
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</table>

1 Only for the variants with integrated ceiling effect lighting.
### 2.6.2 Skyline Edge ceiling lift hood

**Variants with all-round effect lighting**

<table>
<thead>
<tr>
<th></th>
<th>BDL 95 SKE E01, SKE-I E01</th>
<th>BDL 115 SKE E01, SKE-I E01</th>
<th>BDL 135 SKE E01</th>
<th>BDL 135 SKE Sound E01</th>
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<td>230 V / 50 Hz</td>
<td>230 V / 50 Hz</td>
<td>230 V / 50 Hz</td>
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<tr>
<td><strong>Total power</strong></td>
<td>max. 280 W</td>
<td>max. 280 W</td>
<td>max. 280 W</td>
<td>max. 430 W</td>
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<td><strong>Fan power consumption</strong></td>
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<td>170 W</td>
<td>170 W</td>
<td>170 W</td>
</tr>
<tr>
<td><strong>Lighting</strong></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td><strong>Hob lighting</strong></td>
<td>LED 23,2 W</td>
<td>LED 26,7 W</td>
<td>LED 30,2 W</td>
<td>LED 30,2 W</td>
</tr>
<tr>
<td></td>
<td>2540 lm</td>
<td>2920 lm</td>
<td>3300 lm</td>
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</tr>
<tr>
<td><strong>Effect lighting</strong></td>
<td>LED 6 W</td>
<td>LED 7 W</td>
<td>LED 8 W</td>
<td>LED 8 W</td>
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<td></td>
<td>665 lm</td>
<td>766 lm</td>
<td>875 lm</td>
<td>875 lm</td>
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<tr>
<td><strong>Ceiling effect lighting</strong></td>
<td>LED 11,9 W</td>
<td>LED 14,6 W</td>
<td>LED 16,5 W</td>
<td>LED 16,5 W</td>
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<tr>
<td></td>
<td>1300 lm</td>
<td>1600 lm</td>
<td>1800 lm</td>
<td>1800 lm</td>
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<tr>
<td><strong>Colour temperature, adjustable</strong></td>
<td>2700 - 6500 K</td>
<td>2700 - 6500 K</td>
<td>2700 - 6500 K</td>
<td>2700 - 6500 K</td>
</tr>
<tr>
<td><strong>Noise power level 3</strong></td>
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<td>60 dB(A)</td>
<td>62 dB(A)</td>
<td>62 dB(A)</td>
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<td>1352 mm</td>
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<td><strong>Depth</strong></td>
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<td>345 mm</td>
<td>345 mm</td>
<td>345 mm</td>
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<td><strong>Height adjustability</strong></td>
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<td>1200 mm</td>
<td>1200 mm</td>
<td>1200 mm</td>
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<tr>
<td><strong>Net weight</strong></td>
<td>55,0 kg</td>
<td>60,0 kg</td>
<td>65,0 kg</td>
<td>70,0 kg</td>
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</table>

1 Only for the variants with integrated ceiling effect lighting.

### Variants with surface effect lighting

<table>
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<tr>
<th></th>
<th>BDL 95 SKE-L E01</th>
<th>BDL 115 SKE-L E01</th>
</tr>
</thead>
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<tr>
<td><strong>Connection voltage</strong></td>
<td>230 V / 50 Hz</td>
<td>230 V / 50 Hz</td>
</tr>
<tr>
<td><strong>Total power</strong></td>
<td>max. 280 W</td>
<td>max. 315 W</td>
</tr>
<tr>
<td><strong>Fan power consumption</strong></td>
<td>170 W</td>
<td>170 W</td>
</tr>
<tr>
<td><strong>Lighting</strong></td>
<td></td>
<td></td>
</tr>
<tr>
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<td>LED 23,2 W</td>
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<tr>
<td></td>
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<td>2920 lm</td>
</tr>
<tr>
<td><strong>Effect lighting</strong></td>
<td>LED 6 W</td>
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</tr>
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<td>656 lm</td>
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</tr>
<tr>
<td><strong>Ceiling effect lighting</strong></td>
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</tr>
<tr>
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<tr>
<td><strong>Net weight</strong></td>
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<td>60,0 kg</td>
</tr>
</tbody>
</table>

1 Only for the variants with integrated ceiling effect lighting.

2 Dimensions may deviate with individual versions for BDL 95 SKE-I and BDL 95 SKE-I.
3. Installation

3.1 Safety information 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. *2.6 Technical data* (page 8).
- 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.
- In extracted air mode and whilst using a heating point which uses air from the room as its oxygen supply (e.g. chimney):
  - A safety device is absolutely essential.
  - The safety device (e.g. under-pressure monitor P4, inspected in accordance with DIN 18841:2005-12 TÜV and in accordance with DVGW-VP121) must prevent gases being drawing to the room.
- An approval for commissioning (e.g. from a chimneysweep) must be available.
- Installation is only permitted on structural building elements capable of bearing the load (solid structure).
- If it is necessary to break through the wall:
  - A wall break-through influences the structural integrity of the building. There is a danger of collapse. This work must only be carried out by a specialist.
- 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 Requirements for individual operating modes

Further accessories may be required depending on the operating mode.

3.3.1 Requirements for recirculated air mode

- Recirculated air filter at the fan outlet.
- Filter filling freely accessible for changing.

3.3.2 Requirements with JetStream operation

- Exhaust air ducting at the fan outlet.
  - “3.4 Requirements for the exhaust air ducting (only with JetStream operation)” (page 11).
- Diameter of the exhaust air ducting at least 150 mm (corresponds to a surface area of approx. 177 cm²).
- Adequate fresh air supply is assured through the installation of the necessary accessories:
  - Window contact switch.
  - Wall box.

3.4 Requirements for the exhaust air ducting (only with JetStream operation)

⚠️ WARNING!

Fire hazard and asphyxiation hazard due to improper installation!

When using the exhaust air ducting with other devices or when connecting an active exhaust air channel (e.g. chimney), gases or smoke can be drawn into the room.
☞ Make sure that the requirements for the exhaust air ducting are complied with.

- The exhaust air ducting is used exclusively by this device.
- The exhaust air ducting is made of non-combustible material in accordance with DIN 4102 class 1.
- When using a chimney as the exhaust air duct:
  - The chimney must not be used by other devices.
  - The extracted air must be introduced into the chimney using a 90° bend pointing upwards.
  - Approval by a master chimney sweep.
- When routing the exhaust air ducting through the roof or the outside wall:
  - The cross-section must not be smaller than that of the fan outlet.
  - Installation of condensed water collector in the exhaust air ducting in order to prevent water damage inside the device. The condensed water collector must be adequately dimensioned.

The cross-section, length, type and course of the exhaust pipe affect the extraction efficiency. Changing the direction of the air too severely leads to a loss of performance and to noise.

To optimise the device performance:
- Keep the exhaust air ducting as short as possible and route it directly to the outside.
- The stipulated cross-section of the exhaust air ducting is complied with.
  - “3.3 Requirements for individual operating modes” (page 11).
- Exclusive use of ducts and bends with smooth inner surfaces.

In order to avoid turbulence or backpressure in the transported air - do not use:
- Spiral hoses.
- Flexible tubes.
- Flat deflection pieces.
- Sharp-edged exhaust air channels.

The exhaust air ducting must be in place before installing the device.

3.5 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 the end positions
6. Set colour temperature
7. Check and carry out commissioning

3.5.1 Preparation for installation

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

For ceiling consoles with lowering capability and JetStream technology:
☞ Ensure that the exhaust air duct is ready for operation.
☞ Ensure that the ceiling console is correctly installed and ready for connection.
☞ Ensure that the accessories (e.g. wall box, window contact switch) are correctly installed and ready for connection.
☞ Observe the associated documentation.
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, PH2
- 13 mm spanner
- Allen key SW 2.5 mm
- Hammer
- ø 8 mm masonry bit
- Hammer drill
- 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.

3.5.2 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.
- 2.5 Scope of delivery (page 8).

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

Remove the packaging material.
- 8.1 Dispose of packaging (page 26).

3.5.3 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.

Variant without ceiling effect lighting
The Wieland socket and earthing cable can be installed in the pre-drilled positions on either side of the ceiling mounting plate.

Variants with integrated ceiling effect lighting
In the case of versions with integrated ceiling effect lighting, the ceiling mounting plate must be positioned such that the customer’s supply voltage can be connected on the side with the connection terminal.

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

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

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.

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.

**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.

**Variant without ceiling effect lighting**

- 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.

**Variants with integrated ceiling effect lighting**

- Observe the voltage specifications on the ratings plate.
- Connect the cable to the connection terminal from the power supply provided by the customer.

With all variants:
- 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.
### 3.5.4 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 hang freely on the support cables.

⚠️ **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.

⚠️ 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.

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 from the Wieland plug to the bracket on the ceiling mounting plate with a cable tie.

Connect the earthing cable.
Variants with integrated ceiling effect lighting

☞ 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 from the Wieland plug to the bracket on the ceiling mounting plate with a cable tie.

For ceiling consoles with lowering capability and JetStream technology:

☞ Ensure that the ceiling console is connected correctly.
☞ Ensure that the accessories (e.g. wall box, window contact switch) are connected.
☞ Observe the associated documentation.

For ceiling consoles with lowering capability and glass cover:

• The glass cover is placed loosely on the device.
• The glass cover must be guided into the console box of the ceiling console.

☞ Ensure that the support cable and the mains cable are not tensioned (e.g. by lifting the device with two people).
☞ Turn one corner of the glass cover diagonally upwards.

☞ Guide the glass plate fully into the ceiling console.
☞ Lower the glass plate from above onto the seal.
With all variants:
☞ 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.

3.5.5 Set the end positions
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).

☞ Fold the faceplate down.
☞ Remove the cover over the teach button.

⚠ 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.
3.5.6 Set colour temperature

The colour temperature of the hob lighting, the effect lighting and the ceiling effect lighting can be set to the colour temperature of the kitchen environment. This may be set individually or synchronously.

The remote control is used to set the colour temperature.  
☞ Observe the instruction manual for the remote control.

3.5.7 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 20).

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.

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

In order to correct the end positions:
☞ Repeat the setting.
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.
- In JetStream operation: Adequate fresh air supply must be assured.

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.
- The Capillar Trap after three weeks at the latest when used daily.

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.

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 cross flow, 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 furnishings or other objects.
☞ Hold the parts tightly when removing.
☞ Protect the area below the device (e.g. using thick cardboard).

Lower section
The faceplate with the lower section is held in the device by magnets.
☞ Fold the faceplate down.
☞ Lift up the rear lower section.
☞ Take out the front lower section.
☞ 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.
☞ Insert the front lower section.
☞ Press down the rear lower section.
☞ Fold the faceplate up until the retaining magnets lock in audibly.

Capillar Trap
The Capillar Trap is inserted into the device above the lower section and is held by a side rail.
☞ Grasp the Capillar Trap on its sides with both hands.
☞ Pull the Capillar Trap out.
☞ 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.
☞ Re-attach the Capillar Trap.
6. Maintenance

6.1 Safety information 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 the filter filling (only for BUF-BDL recirculated air filter)

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.

Use an SW 2.5 Allen key to unscrew the screws on the cover.
Maintenance

☞ Empty the filter completely.
☞ Fill the filter with new charcoal up to the maximum level.
☞ Screw the cover back on to the top of the filter.
☞ Clean the filter from the outside (e.g. through extraction with a vacuum cleaner).

☞ Take hold of the filter at the handles.
☞ 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.
☞ Screw the cover tight again.
☞ Reconnect the device to the power supply.

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 an under-pressure monitor.
  The under-pressure monitor 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 the filter filling (only for BUF-BDL recirculated air filter)” (page 23).
Dismounting

Poor device performance.
- The recirculated air filter is clogged.
 ☞ Replace the filter filling of the recirculated air filter.
 ☞ “6.2.2 Replacing the filter filling (only for BUF-BDL recirculated air filter)” (page 23).
- The exhaust pipe was not properly connected or installed.
 ☞ Please consult your dealer or customer services.

Moisture in the device.
- Dripping or splashing water has penetrated the device.
 ☞ Immediately shut off the power supply, by removing the fuse.
- Make sure that the power supply cannot be unintentionally reconnected. For example by tasking a person with ensuring that the fuse/breaker is not restored/switched on.
- Ensure that no more liquid can penetrate the device.
- Allow the device to dry.
- Have the device checked and repaired by qualified, specialist personnel prior to using the device again.

The device can now only be driven upwards unusually slowly.
- The device is in calibration mode (e.g. triggered by voltage drop-outs during travel).
 ☞ Drive the device into the top final position. Afterwards, the device can be moved in both directions at normal speed again.

The device does not react to inputs on the remote control.
☞ Observe the instruction manual for the remote control.

If a fault persists:
☞ Please consult your dealer or customer services.

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 cable tie from the mounting bracket on the ceiling mounting plate.
☞ 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.

In JetStream operation:
☞ Remove the exhaust air duct.

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.

9. Annex

9.1 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 - 660
Mon to Thu 08:00 – 17:30 hrs
and Fri 08:00 – 16:30 hrs

Fax: +49 (0) 5971 80 80 9 - 10

email: service@berbel.de