
TECHNOLOGY FOR DOMESTIC USE



Instruction Manual

Extractor Hood
P 1-60 BBTX



www.pkm-online.de

Dear customer! We would like to thank you for purchasing a product from our wide range of domestic appliances. Read the complete instruction manual before you operate the appliance for the first time. Retain this instruction manual in a safe place for future reference. If you transfer the appliance to a third party, also hand over this instruction manual.

Important NOTICE!

- | | |
|--|---|
| <p>Unpack the parts of the chimney very carefully; otherwise you will damage the chimney!</p> <p>1. Both parts are fitted into each other.</p> | <p>2. Pull the inner part carefully inwards and lift it carefully.</p> <p>3. Keep lifting it carefully to take out the „small“ chimney.</p> |
|--|---|

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Do not dispose of this appliance together with your domestic waste. The appliance must be disposed of at a collecting centre for recyclable electric and electronic appliances. Do not remove the symbol from the appliance.

- i** The figures in this instruction manual may differ in some details from the current design of your appliance. Nevertheless follow the instructions in such a case. Delivery without content.
- i** Any modifications, which do not influence the functions of the appliance shall remain reserved by the manufacturer. Please dispose of the packing with respect to your current local and municipal regulations.
- i** The appliance you have purchased may be an enhanced version of the unit this manual was printed for. Nevertheless, the functions and operating conditions are identical. This manual is therefore still valid. Technical modifications as well as misprints shall remain reserved.

EU - Declaration of Conformity

- ★ The products, which are described in this instruction manual, comply with the harmonized regulations.
- ★ The relevant documents can be requested from the final retailer by the competent authorities.

1. SAFETY INSTRUCTIONS

Read the safety instructions carefully before you operate the appliance for the first time. All information included in those pages serve for the protection of the operator. If you ignore the safety instructions, you will endanger your health and life.

⚠ DANGER! indicates a hazardous situation which, if ignored, will result in death or serious injury.

⚠ CAUTION! indicates a hazardous situation which, if not avoided, may result in minor or moderate injury.

⚠ WARNING! indicates a hazardous situation which, if ignored, could result in death or serious injury.

⚠ NOTICE! indicates possible damage to the appliance.

MAKE SURE THAT THIS MANUAL IS AVAILABLE TO ANYONE USING THE APPLIANCE AND MAKE SURE THAT IT HAS BEEN READ AND UNDERSTOOD PRIOR TO USING THE DEVICE.

i Store this manual in a safe place so you can use it whenever it is needed. Strictly observe the instructions to avoid damage to persons and property.

i Check the technical periphery of the appliance! Do all wires and connections to the appliance work properly? Or are they time-worn and do not match the technical requirements of the appliance? A check-up of existing and new-made connections must be done by an authorized professional. All connections and energy-leading components (incl. wires inside a wall) must be checked by a qualified professional. All modifications to the electrical mains to enable the installation of

the appliance must be performed by a qualified professional.

i The appliance is intended for private use only.

i The appliance is intended for extracting / recirculating cooking vapours in a private household only.

i The appliance is intended for indoor-use only.

The appliance is not intended to be operated for commercial purposes, during camping and in public transport.

i Operate the appliance in accordance with its intended use only.

i Do not allow anybody who is not familiar with this instruction manual to operate the appliance.

DANGER

1. Do not operate the appliance when it does not work properly, is visibly damaged, has dropped down or the power cord/plug are damaged.

The power cord must be replaced by

2. a qualified professional only.
3. Never repair the appliance yourself.
4. Do not operate any room-air dependent fireplaces while operating the appliance; otherwise harmful gases will get from the fireplace into your home.

Whenever the hood is operated together with chimney-vented fireplaces (e.g. coal furnace), ensure there is sufficient air

supply in the room where the appliance is installed in.

Always consult your local chimneysweep master. When you operate the appliance in recirculating mode, you can simultaneously run roomair dependent fireplaces.

5. If gas is set free in your home:

-  Open all windows.
-  Do not unplug the appliance and do not use the control panel.
-  Do not touch the appliance until the gas has gone.
-  Otherwise sparks can be generated which will ignite the gas.

 WARNING!

1. Whenever you use extractor hoods in combination with non electricallyoperated appliances (gas and oil-fired appliances) , the negative pressure of the corresponding room must not be more than 4 Pa ($4 * 10^{-5}$ bar).
2. An electrical supply of 220-240V AC / 50 Hz is required. Do not use a socket board or a multi socket or an extension cord when operating the appliance with 220–240 V/50 Hz (AC). All electrical connections which may be damaged must be repaired by a qualified professional.
3. Only connect the appliance to a properly grounded and dedicated socket.
4. The appliance must be grounded. Only use a proper safety socket to minimize risk of electric shock. The technical data of your energy supply must meet the data on the rating label.
5. Your domestic circuit must be equipped with an automatic circuit breaker.
6. Strictly observe the minimum distance between hood and hob:

Minimum distance lower edge of hood body to

Glass ceramic and cast iron hotplates	65 cm
Gas hob	75 cm
coal- / oil -/ wood firing	85 cm

7. Do not cook a la flambé dishes below the extractor hood. The flames may damage your appliance and/ or cause fire.
 8. Do not operate the gas jets of a gas hob without cookware. The flames may damage your appliance and/ or cause fire.
 9. If you fry, permanently keep an eye on the oil as it can catch fire. The risk of auto-ignition rises when using the oil many times.
 10. Do not carry out any procedures on the hob using naked light or fire. The flames may damage your appliance and/or cause fire.
 11. The exhaust hose must not be made of flammable materials or contain any flammable materials.
 12. The extracted air must not be conducted by an exhaust pipe of a heater or similar, not electricallyoperated appliances.
 13. Operate the appliance with inserted grease filters only. Otherwise recirculatingtransported fat will deposit in the appliance and the exhaust system.
- RISK OF FIRE!**

- Clean or replace the filters regularly.
14. Disconnect the appliance from the mains before cleaning and maintenance.
 15. While unpacking, the packaging materials (polythene bags, polystyrene pieces, etc.) should be kept away from children. **CHOKING HAZARD!**
 16. This appliance may be operated by children aged from 8 years and above as well as by persons with reduced physical, sensory and mental capabilities

- or lack of experience and knowledge if they are supervised or have been instructed concerning the safe use of the appliance and do comprehend the hazards involved. Children must not play with the appliance.
- Cleaning and user maintenance must not be carried out by children unless they are supervised.
17. Always supervise children so they will not play with the appliance.⁷



CAUTION!

1. Accessible parts of the hood may become hot while cooking.
2. Carry out the installation of the appli-

ance with at least two persons.

Risk of damage. **RISK OF INJURY!**



NOTICE!

1. The appliance must be transported and installed by at least two persons.
Unpack the parts of the chimney very
2. carefully; otherwise you will damage the chimney.
3. Remove the complete packaging materials before initial operation.
The appliance may be equipped with a transportation lock. Remove the transportation lock completely. When removing be very careful.

Do not use any aggressive detergents to remove residues of the transportation lock.

4. Clean and maintain the appliance regularly to enable its proper operation and optimal performance.
5. Take the enclosed parts from the packaging and its polystyrene components.
6. Check that the power cord and the appliance are not damaged before electrical connection.

2. INSTALLATION

1. The diameter of the exhaust hose must meet the diameter of the connecting ring.
2. If your appliance is equipped with a carbon filter, remove the carbon filter before you operate the appliance in the extraction mode. The carbon filter should be used in the recirculating mode only.
3. The exhaust duct should be as short and straight as possible.
The diameter of the exhaust hose should be at least 150 mm (look at chapter TECHNICAL DATA). Otherwise you have to expect increased noise and decreased performance of your appliance.
4. The proper maximum bending angle outwards is 120°.
5. Use smooth tubes or flexible, nonflammable exhaust hoses only.
6. When the exhaust duct is connected horizontally, a minimum falling gradient of 1 cm/m or an inclination of 20° is required. Otherwise condensate will get into the motor of the hood.
7. When an exhaust duct is used, the ending of the exhaust hose must be adjusted into the direction of flow.
8. If the exhaust duct passes through cool areas (e.g. an attic), a temperature gradient may occur in the different parts of the exhaust duct so condensate will be generated. Proper insulation of the corresponding parts of the exhaust duct will then be needed. Equip such an exhaust duct with a condensate trap if need be.
9. Depending on the model the hood is equipped with one (top) or two (top, back) outlets.
10. The idle outlet is covered by a plastic cap. You can remove this cap by turning it anticlockwise. Use the cap to cover the idle outlet.

2.1 Gerätekomponenten

1 Glass

3 Main body assembly

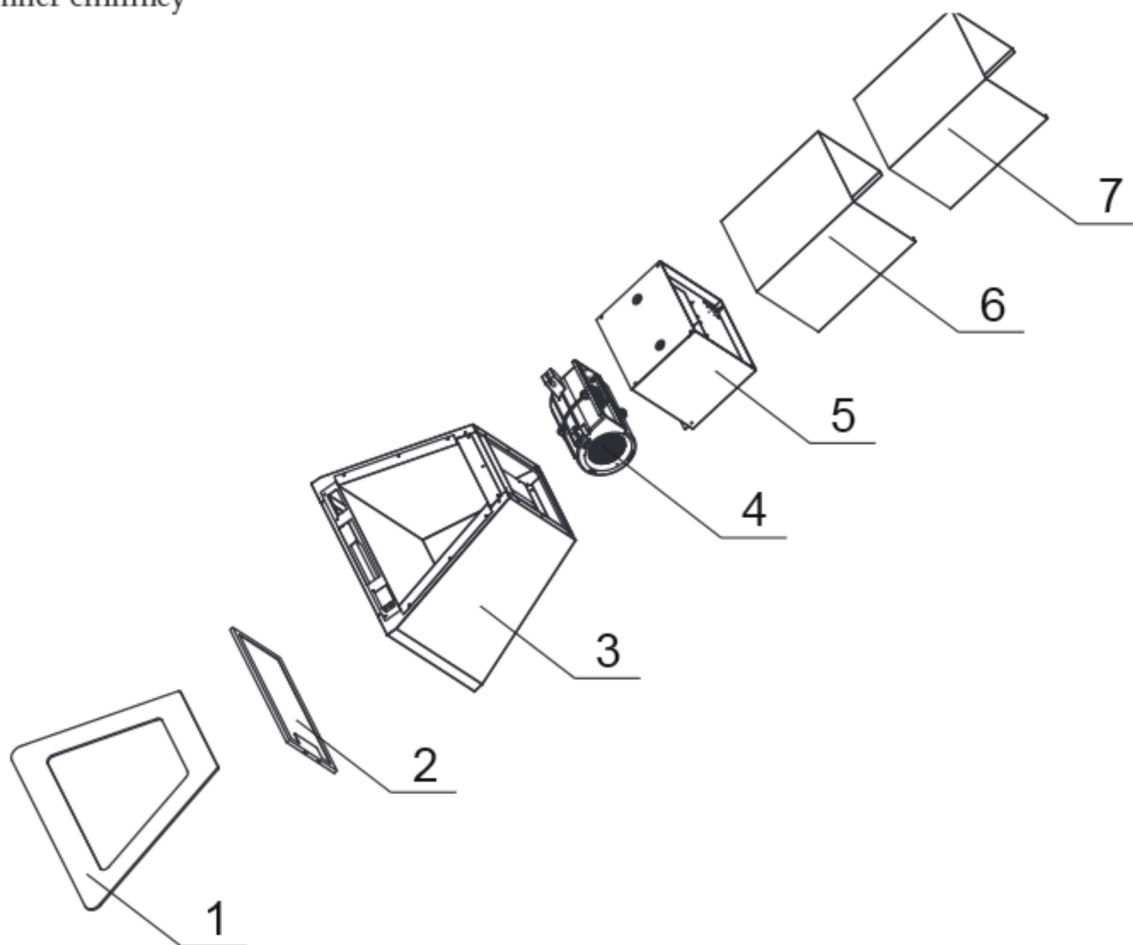
5 Bellows

7 Inner chimney

2 Filter aseembly

4 Air duct assembly

6 Outside chimney



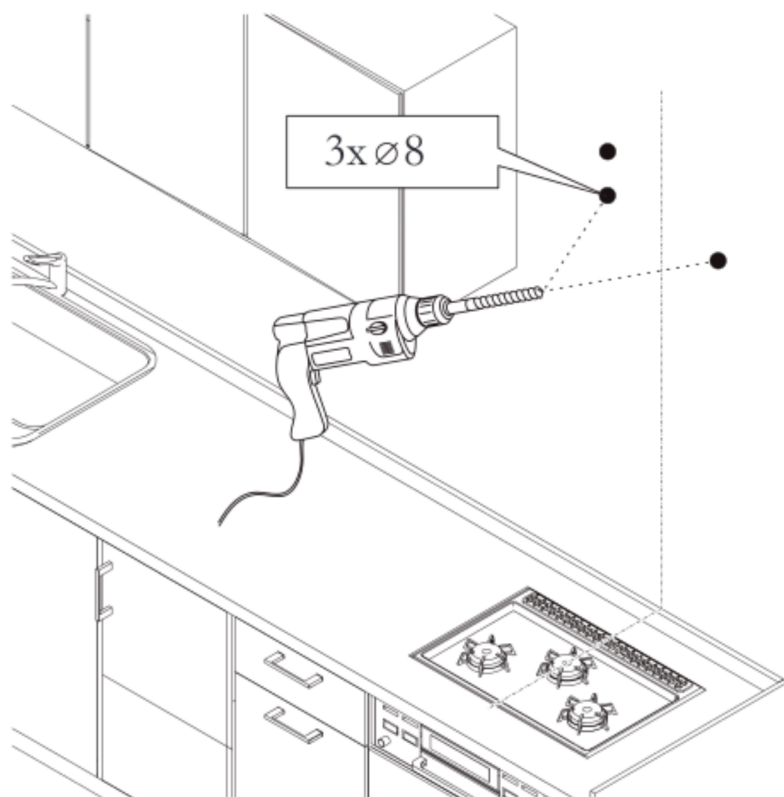
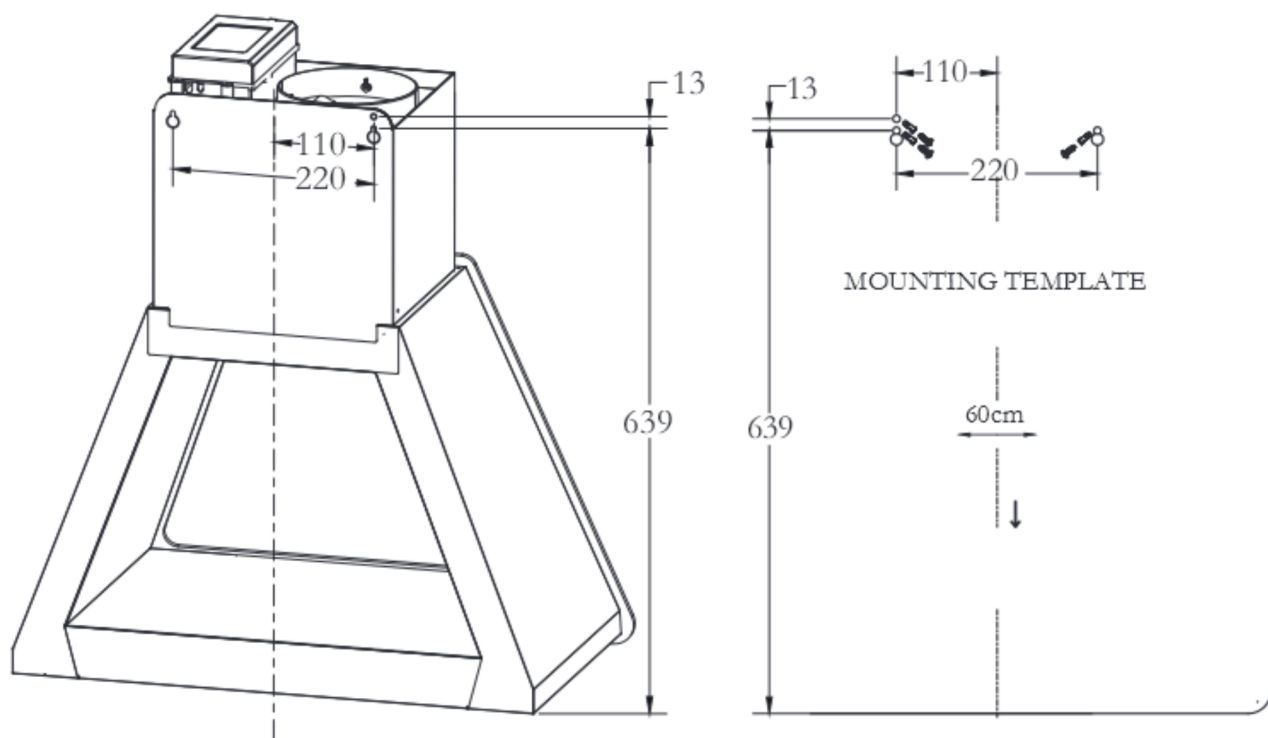
Also included: chimney fixing clamp, instruction manual.

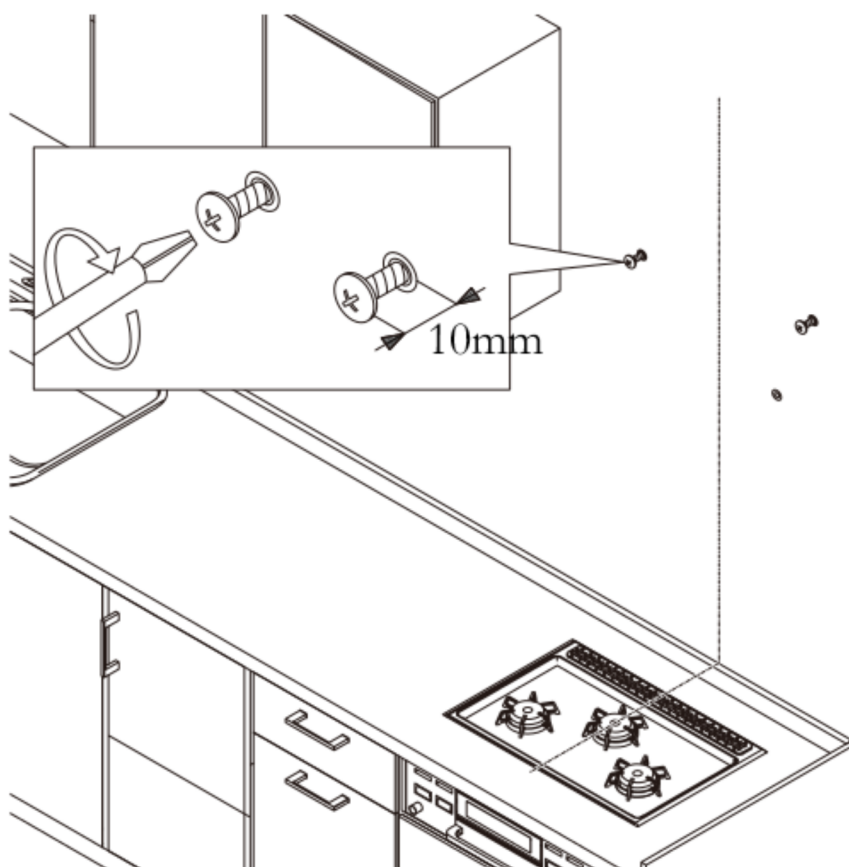
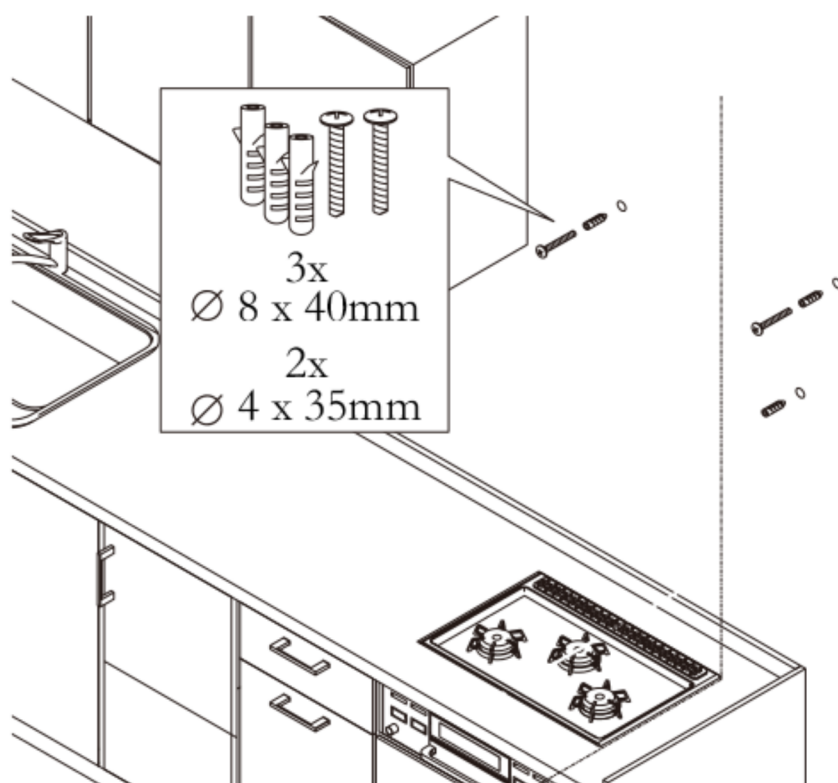
2.2 Installation steps

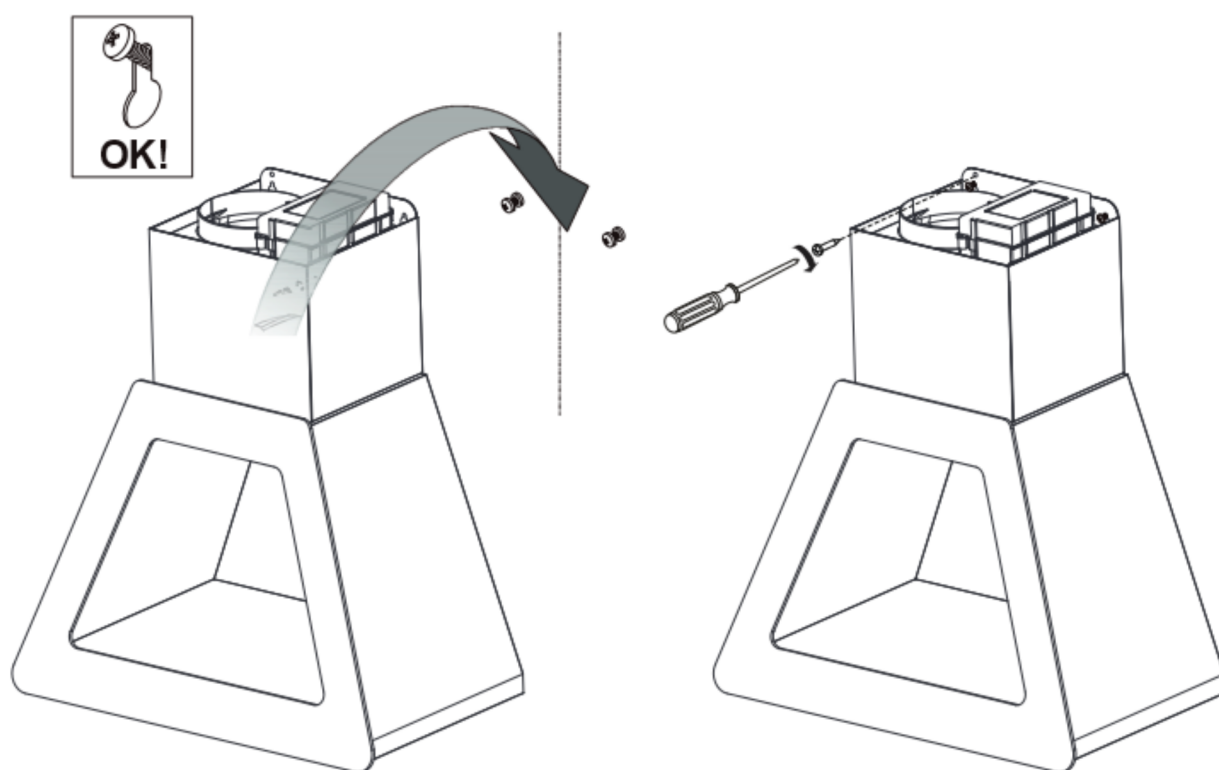
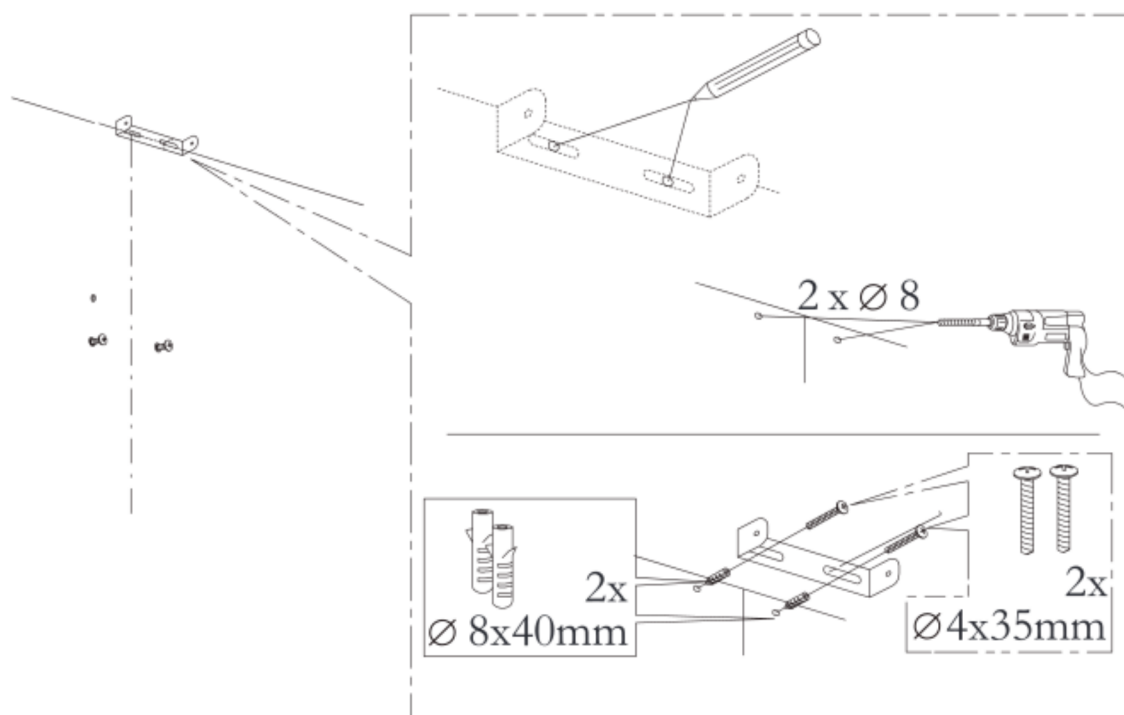
► Installation steps (exhaust air ducting to the outside)

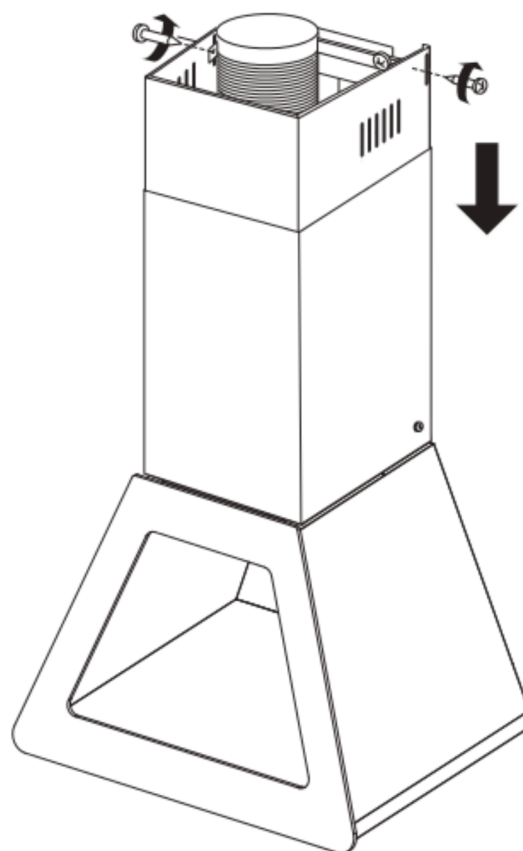
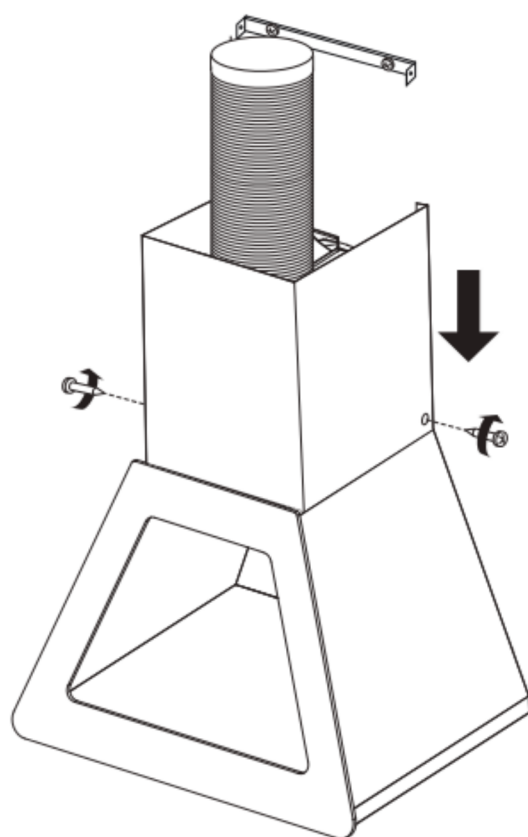
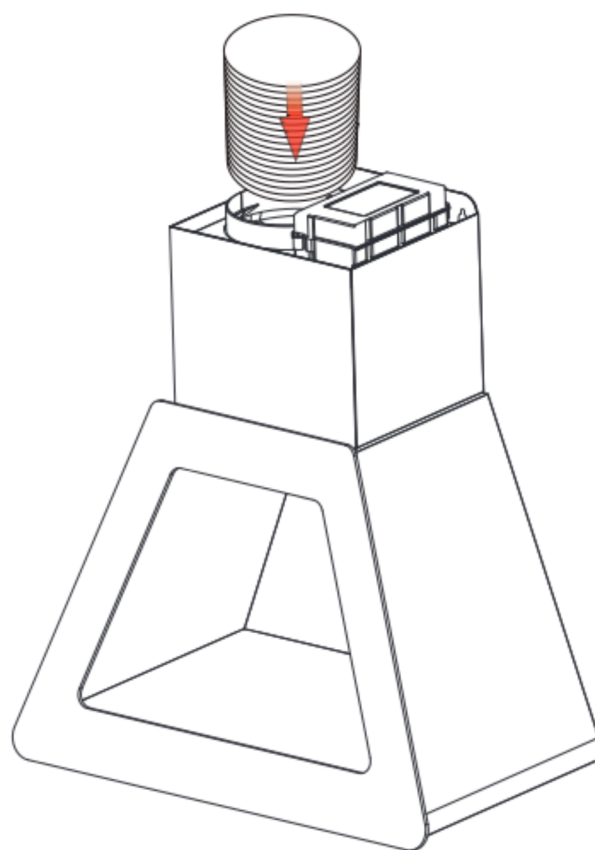
⚠ WARNING! Failure to install the screws or fixing device in accordance with these instructions may result in electrical hazards

⚠ WARNING! Do not damage the wiring in the wall while drilling.









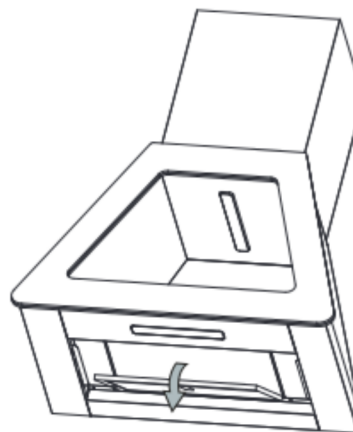
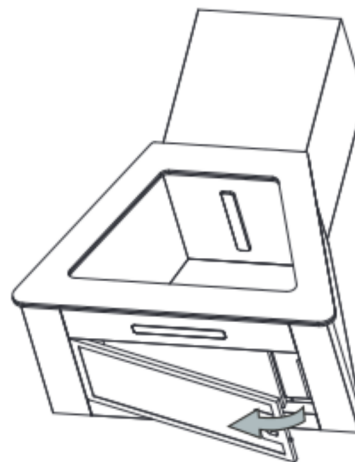
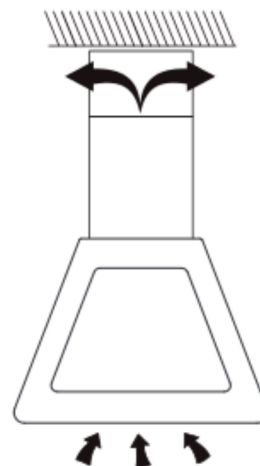
Insert the grease filters and connect the appliance to the mains³.

► Check the correct position of the hood

from front and side perspective. Otherwise the appliance will not work properly.

► Installation steps (recirculation mode)

1. If your home is not equipped with an air outlet for extracting exhaust air to the outside, the exhaust hose is not required. The further installation is similar to the **INSTALLATION STEPS (EXTRACTION MODE)**.
2. You can use carbon filters for odour absorption in recirculation mode only. For installing carbon filters, remove the grease filter. Press the lock and pull the grease filter downwards.
3. Plug the carbon filter into the appliance and turn in clockwise direction.



³If the socket is covered by the chimney, you must plug in the appliance at an earlier point in time.

⚠ WARNING! Unplug the appliance before installing the carbon filter. For recirculating mode only!

⚠ NOTICE! The suction capacity is decreased by installed carbon filters.

⚠ WARNING! Install the carbon filters safely and properly; otherwise the carbon filters can loosen and cause hazardous situations.

3. Control panel



When the hood is connected to the power supply, a sound is emitted and the hood is ready for operation.

Power / Timer button

 Press once and the button lights up. The hood runs in the last setting. Fan speed button

A touch on  is low fan speed,  is medium fan speed,  is high fan speed.

Lighting on/off

Backlight button  you can touch the button in any setting, the button will light up and the backlight will turn on, touching this button again will turn it off. (The lighting lamps have a power of 2 W, regardless of the control).

Illumination button  you can touch the button in any setting, the button illuminates and the front light turns on. When you touch this button again, the button goes out and the light goes off.

Timer/on button

With the hood switched on, press the on/off button once. The hood will switch to timer mode after 1 minute. Touching the power/timer twice will stop the speed.

⚠ NOTICE Never press two speed-buttons at the same time. To lights while the appliance is operating-change the speed select „o“ first!

⚠ NOTICE! Only switch on the lights while the appliance is operating. Do not switch on the lights to lighten the room.

4. CLEANING/MAINTENANCE



WARNING!

- ▶ Disconnect the appliance from the mains before you clean or maintain it.
- ▶ Ignoring the cleaning and maintenance instructions will cause an increased risk of fire.



NOTICE!

- ▶ Take off all rings and bracelets before cleaning or maintaining the appliance; otherwise you will damage the surface of the appliance.
1. Clean the housing of the appliance with a suitable detergent. Use such a product carefully and economically.
 2. Do not clean the control panel with a detergent. Use a damp cloth. Otherwise you may damage the electronic components of the controls.
 3. Never use any alcohol-containing detergents to clean matt black painted appliances as these detergents cause colour-changes.
 4. Clean the glass panels with a suitable detergent only.
 5. When you clean or replace the grease filters or the carbon filters also clean all visible components on the bottom of the appliance with a mild, non-acrid and fat-dissolving detergent.
 6. Do not damage the grid of metal-made grease filters. The colour of the metal surface may change due to frequent cleaning as well as the use of aggressive detergents.
 7. Such changes do not influence the capacity of the appliance and are no reason for complaint.
 8. Do not use a steam cleaner. **RISK OF ELECTRIC SHOCK!**
 9. Do not use any abrasive detergents.

4.1 Grease filter

Aluminium filter

Clean the aluminium filters once a month by hand or in a dishwasher (30°). Do not use any acrid or corrosive detergents. Do not use any abrasive detergents! Do not use any alkaline dishwasher-detergents! (ph more than 7). Do not put

the filter in the dishwasher together with tableware. Filters which are blocked with food debris do not carry a guarantee. Dry the filters properly before you reinstall them.

4.2 Carbon filters

Conventional carbon filters cannot be cleaned. The capacity of these filters is limited. You can use such filters for

about 3-6 months. Replace a depleted filter. Find further information on the filter packaging.

4.3 Replacing of the illuminant

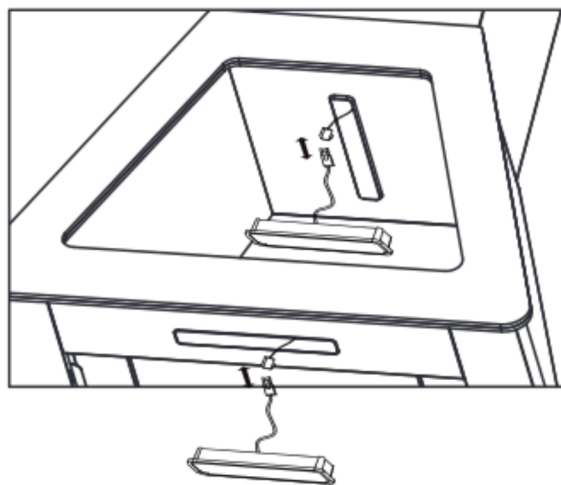
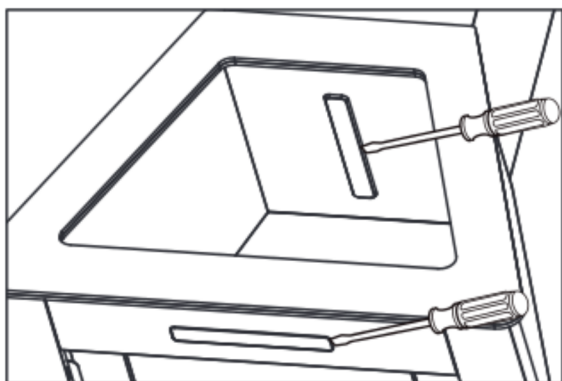
⚠ WARNING! Disconnect the appliance from the energy supply.

1. Let the illuminant cool down before replacing.
2. Remove the grease filters and push out the illuminant. Be especially careful while doing so.
3. Pull the illuminant carefully out of the

hole and disconnect the energy supply wire.

4. Now connect the new illuminant to the energy supply wire.

5. Push the wires back into the hole and fix the new illuminant.



5. Trouble shooting

POSSIBLE CAUSE	MEASURE
THE APPLIANCE DOES NOT WORK AT ALL.	

1. The plug of the appliance is not connected to the socket.
2. The plug has become loose.
3. The socket is not supplied with energy.

1. Check the corresponding socket by connecting it with another appliance.
2. Check the fuse.
3. The voltage is too low. Compare the data on the model plate with the data of your energy supplier.

- | | |
|--|--|
| 4. The corresponding fuse is switched off. | 4. Check the fuse. |
| 5. The voltage is too low. | 5. Compare the data on the type plate with the specifications from your power company. |

LIGHT IS ON BUT MOTOR DOES NOT WORK.

- | | |
|--------------------------------|---------------------|
| 1. ventilation damper blocked. | 1. remove blockage. |
| 2. motor mounting defective. | 2. replace motor. |

DER MOTOR RIECHT VERDÄCHTIG.

- | | |
|--------------------|------------------|
| 1. motor defective | 1. replace motor |
|--------------------|------------------|

ÖLSPUREN.

- | | |
|--|---|
| 1. one-way valve is leaky | 1. seal the valve |
| 2. connection base chimney-telescopic chimney is leaky | 2. seal the connection with a suitable material |

GERÄT VIBRIERT.

- | | |
|-----------------------------|-----------------------|
| 1. motor not properly fixed | 1. fix motor properly |
| 2. hood not properly fixed | 2. fix hood properly |

UNGENÜGENDE ABZUGSLEISTUNG.

- | | |
|--|----------------------------|
| 1. too much distance hood-hob | 1. lower position of hood |
| 2. too much draught because of open doors and/or windows | 2. close the doors/windows |

GERÄT IST INSTABIL.

- | | |
|---|---|
| 1. mounting rail is not firmly fixed
screws are not firmly tightened | 1. fix mounting rail properly
tighten the screws |
|---|---|

If the hood does not work properly and/or you can hear increased operating noise, check the schedule below:

- ▶ Incorrect dimension of the air duct.
Obstruction in the air duct.
 - ▶ The diameter of the air duct from hood to wall-box inclusive should be 120 mm; otherwise the capacity of the motor may be decreased.
 - ▶ If you have installed a fly screen on the wall-box, the air vent may be obstructed. Check by removing the fly screen.
 - ▶ If the cover panel of the wall box is equipped with firm and slanted slats, the air vent may be obstructed. Check by removing the cover panel.
Install a cover panel with moveable slats, which do not obstruct the air vent.
 - ▶ Check condition and cleanliness of the filters.
 - ▶ Check if the air which is extracted by the hood is replaced to avoid negative pressure.
 - ▶ When you run your appliance in recirculating mode, check if the carbon filter has been replaced on time (min. every 3-6 months).
- If the appliance has a malfunction not noted on the schedule or if you have checked all items on the schedule but the problem still exists, please contact the shop you purchased the appliance at.

6. Technical data

Type	Cooker hood		
Material	Glass / Black		
Installation-width in cm	60.00		
Touch control	yes		
Recirculation/extraction mode*	yes		yes
Annual energy consumption (AEC _{hood})	58.4 kW/h		
Energy efficiency category	B		
Fluid dynamical efficiency (FDE _{hood})	20.6		
Fluid dynamical efficiency category	C		
Lighting efficiency (LE _{hood})	19.7 lux/W		
Lighting efficiency category	C		
Grease separation	71.3 %		
Grease separation category	D		
Air flow **	295.5 m ³ /h		463.4 m ³ /h
Maximum air flow Q _{max}	463.4 m ³ /h		
A-rated noise emission **	59 dB		68 dB
Power consumption off (P _o)	0.36 W		
Power consumption standby (P _s)	0.38 W		
Power consumption lighting system (W _l)	4 W (2 x 2 LED)		
Connected load	184,0 W		
Voltage/frequency	220-240 VAC /50Hz		
Grease filter/material/dishwasher-proof	1	AH 12	yes
Carbon filter ***	1 x CF 125		
Exhaust hose	yes		
Installation material	yes		
Instruction manual	yes		
Telescopic chimney extractable from-to	33.00-63.00 cm		
Dimensions appliance HxWxD in cm	74.00-104.00 x 60.00 x 34.00		
Weight net/gross in kg	12.4		15.8



Technical modifications reserved.

* Extraction mode: installation with ventilation stack or air duct outwards only, wall penetration = Ø 150 mm, drilling approx. Ø 160 mm.

** Measured values at minimum/maximum motor speed.

*** Optional equipment.

7. WASTE MANAGEMENT

1. While unpacking, the packaging materials (polythene bags, polystyrene pieces, etc.) should be kept away from children. **CHOKING HAZARD!**
2. Old and unused appliances must be send for disposal to the responsible recycling centre. Never expose to open flames.
3. Before you dispose of an old appliance, render it inoperative. Unplug the appliance and cut off the entire power cord. Dispose of the power cord and the plug immediately.
4. Dispose of any paper and cardboard into the corresponding containers. Dispose of any plastics into the corresponding containers.
5. If suitable containers are not available at your residential area, dispose of these materials at a suitable municipal collection point for waste-recycling.
6. Receive more detailed information from your retailer or your municipal facilities.



Materials marked with this symbol are recyclable.



Please contact your local authorities to receive further information.



The refrigerant R600a is flammable!

8. GARANTIEBEDINGUNGEN

für Elektro-Großgeräte der PKM GmbH & Co. KG, Neuer Wall 2, 47441 Moers.

Der Hersteller leistet dem Verbraucher für die Dauer von 24 Monaten, gerechnet vom Tag des Kaufes Garantie für einwandfreies Material und fehlerfreie Fertigung.

Dem Verbraucher stehen neben den Rechten aus der Garantie die gesetzlichen Gewährleistungsrechte zu, die der Verbraucher gegen den Verkäufer hat, bei dem er das Gerät erworben hat. Diese werden durch die Garantie nicht eingeschränkt.

Der Garantieanspruch ist vom Käufer durch Vorlage des Kaufbelegs mit Kauf und/oder Lieferdatum nachzuweisen und unverzüglich nach Feststellung und innerhalb von 24 Monaten nach Lieferung an den Erstendabnehmer zu melden.

Die Garantie begründet keine Ansprüche auf Rücktritt vom Kaufvertrag oder Minderung (Herabsetzung des Kaufpreises). Ersetzte Teile oder ausgetauschte Geräte gehen in unser Eigentum über.

Der Garantieanspruch erstreckt sich nicht auf:

1. zerbrechliche Teile wie z.B. Kunststoff oder Glas bzw. Glühlampen;
2. geringfügige Abweichungen der WOLKENSTEIN Produkte von der Soll Beschaffenheit, die auf den Gebrauchswert des Produkts keinen Einfluss haben;
3. Schäden infolge Betriebs und Bedienungsfehler,
4. Schäden durch aggressive Umgebungseinflüsse, Chemikalien, Reinigungsmittel;
5. Schäden am Produkt, die durch nicht fachgerechte Installation oder Transport verursacht wurden;
6. Schäden infolge nicht haushaltsüblicher Nutzung;
7. Schäden, die außerhalb des Gerätes durch ein WOLKENSTEIN Produkt entstanden sind soweit eine Haftung nicht zwingend gesetzlich angeordnet ist

Die Gültigkeit der Garantie endet bei:

1. Nichtbeachten der Aufstell und Bedienungsanleitung;
2. Reparatur durch nicht fachkundige Personen;
3. Schäden, verursacht durch den Verkäufer, Installateur oder dritte Personen;
4. unsachgemäße Installation oder Inbetriebnahme;
5. mangelnde oder fehlerhafte Wartung;
6. Geräten, die nicht ihrem vorgesehenen Zweck entsprechend verwendet werden;
7. Schäden durch höhere Gewalt oder Naturkatastrophen, insbesondere, aber nicht abschließend bei Brand oder Explosion.

Garantieleistungen bewirken weder eine Verlängerung der Garantiefrist noch setzen sie eine neue Garantiefrist in Lauf. Der räumliche Geltungsbereich der Garantie erstreckt sich auf in Deutschland, Österreich, Belgien, Luxemburg und in den Niederlanden gekaufte und verwendete Geräte.



August 2020

TECHNOLOGIE FÜR DEN HAUSHALT



Please contact the store where you
purchased the device.

Subject to alterations
UPDATED
30.08.2020