

K B ELEMENTS

PREMIUM KITCHEN HOOD

ELK151H80 - ELK152H90

USER MANUAL

Please read this manual carefully and retain for future references.

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1. Important Information



Environmental
Recycling

Please recycle the packaging responsibly to support environmental health. Old range hoods contain reusable materials; by recycling them properly, you contribute to environmental protection.



Safety Precautions

Ensure children do not play with plastic film and cardboard boxes to prevent suffocation hazards



Disposal

Make sure to disconnect the power before removing the range hood.

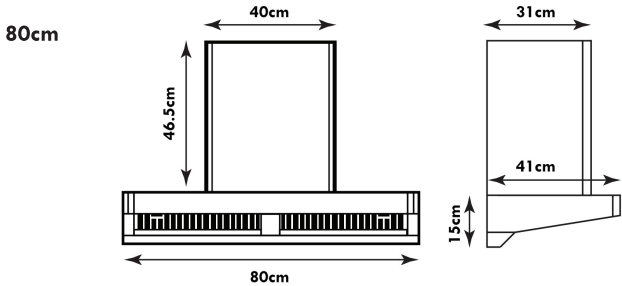
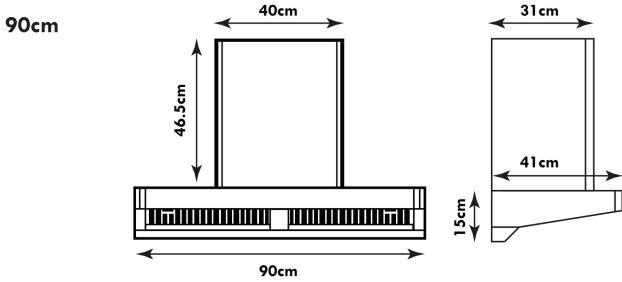
2. Product Overview

Note: The height adjustment panel for your kitchen hood is included as an additional accessory

2.1 List of Accessories

No	Accessory Name	Quantity/pcs
1	User Manual	1
2	Oil Collector	1
3	Smoke Pipe (180cm)	1
4	Smoke Pipe adapter 180cm → 150cm	1
5	Mounting Plate	1
6	Countersunk Wood Screws (5×45)	7
7	Plastic Expansion Tubes (φ10)	7
8	Charcoal filter parts	1
9	Additional filter	1

3. Dimensions

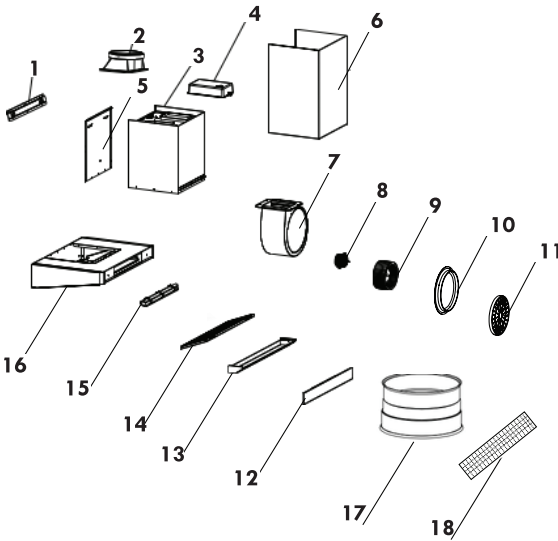


4. Technical Specifications

Lamp Power	3W
Motor Power	100W
Semi-soundproof Chamber Noise Level	68dB(A)
Operating Noise Level	70dB(A)
Standard Odor Reduction	95%
Oil Separation Efficiency	85%
Body Dimensions	900 x 410 x 615mm 800 x 410 x 615mm
Carton Dimensions	970 x 475 x 665mm 870 x 475 x 665mm

Rated Voltage	220~240V
Rated Frequency	50/60Hz
Maximum Static Pressure	490Pa
Maximum Airflow	1350m ³ /h
Operating Airflow	720m ³ /h
Maximum Overall Pressure Efficiency	26%
Heating Power	40W

5. Components



1. Mounting Plate
2. Air Outlet
3. Housing Assembly
4. Wire Box Cover
5. Body Rear Panel
6. Chimney
7. Wind Cabinet Components
8. Motor
9. Wind Wheel
10. Wind Guide Circle
11. Charcoal Filter
12. Switch Glass Assembly
13. Oil Collector Assembly
14. Filter
15. Light
16. Cabinet Assembly
17. Air outlet adapter
18. Filter + Aluminum mesh

Important Information

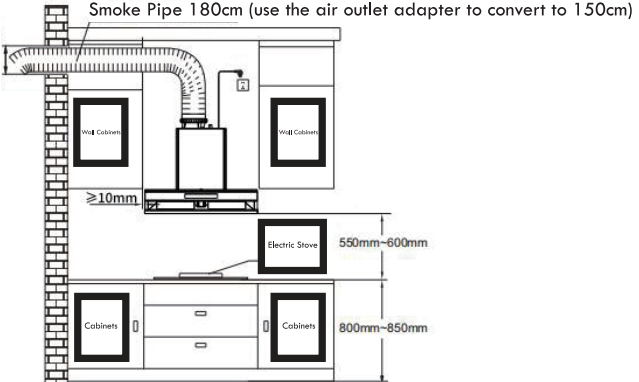
The range hood comes with two filters: one without an aluminum mesh filter and one with it. This range hood features an innovative filter and self-cleaning function that does not require an additional mesh filter. However, we provide the filter with the aluminum mesh as an option for customers who prefer it.

Note: Using the filter with the aluminum mesh may reduce the suction power of the range hood.

6. Kitchen Hood Installation

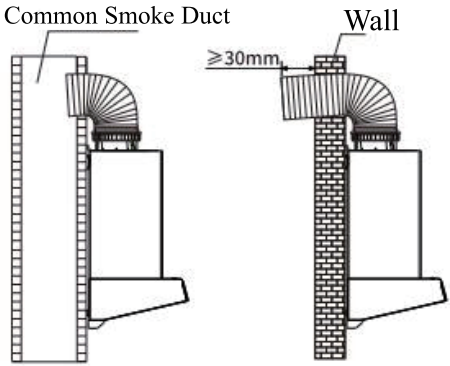
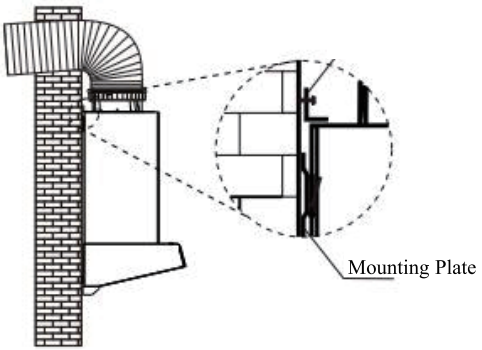
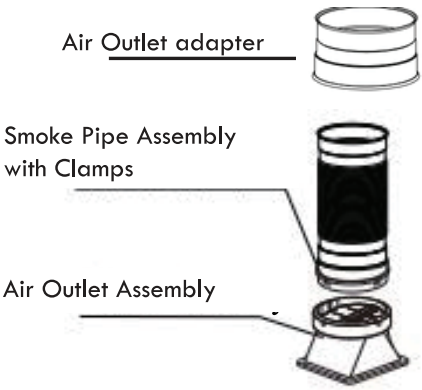
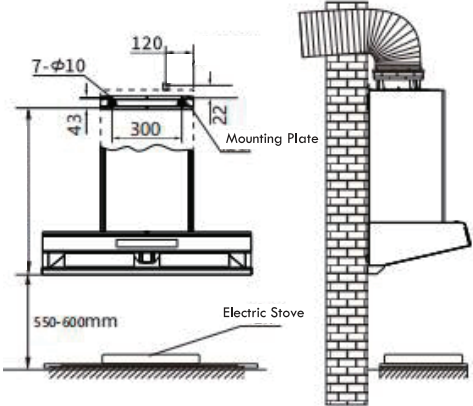
The distance from the exhaust outlet of the range hood to the wall exhaust hole should not be too long; ideally, it should be less than 1.5 meters. The installation diagram in combination with cabinetry is shown on the right.

Carout Dimensions




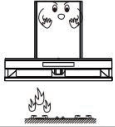
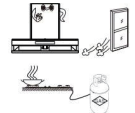
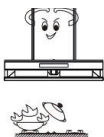
The width of the cooking appliance should not exceed the width of the range hood. Installation and maintenance must be performed by an authorized professional.

7. Kitchen Hood Installation Steps



8. Post-installation Confirmation

After installation, verify that the kitchen hood is securely mounted. Connect the power and conduct a test run to ensure all functions operate smoothly without unusual vibration. Only use the kitchen hood once these conditions are confirmed.

 <p>The power outlet for the kitchen hood must have a reliable ground connection.</p>	 <p>Always ensure the stove is turned off when not in use. Never expose the range hood to direct stove flames, as this can cause overheating and poses a serious safety hazard.</p>
 <p>Ensure adequate ventilation in the room when using the kitchen hood alongside gas or other fuel-burning stoves.</p>	 <p>In the event of a grease fire while cooking, promptly cover the pan with a lid to smother the flames. Turn off both the kitchen hood and the power to prevent the fire from spreading. Not turning it off can allow the flames to spread, which poses a serious safety risk.</p>

9. Additional Precautions

if the range hood will not be used for an extended period, unplug it or turn off the switch at the outlet. Ensure compliance with gas emission regulations.

- Ensure gases from the kitchen hood are not vented into flues meant for gas or fuel smoke.
- This kitchen hood is designed for residential use only; it is not suitable for industrial or commercial use or special environments.
- Do not operate it if there is a gas leak, as it may cause a fire.
- If the hood will not be used for an extended period, unplug it from the power source or switch off the outlet.
- Compliance with regulations on gas emissions is required.

10. Usage Methods

Control Panel Interface:



Function Description:

Power Off State: Upon power connection, all control panel displays briefly light up for one second before all indicator lights turn off, indicating the unit is powered off.

Standby State: From the power off state, press the "Power" button to enter standby mode. All indicator lights will illuminate. Press the "Power" button again to return to the power off state. If no operations are performed for one minute, the unit will automatically return to the power off state.

Lighting Function: Independent Lighting Press the "Lighting" button in any state to activate the lighting function; the indicator light will illuminate. Press either the "Lighting" or "Power" button to turn off the lighting.

Motor Function: (8 Speeds + Power Burst)

Increase Speed: In standby mode, press the "Increase Speed" button to sequentially increase speed from "F5" to "F8". Hold the button for continuous increase up to the maximum speed.

Decrease Speed: In standby mode, press the "Decrease Speed" button to sequentially decrease speed from "F5" to "F0".

Power Burst: Press the Power Burst button in standby mode to activate speed "F9" for 90 seconds before returning to speed "F8".

Speed Display: Each speed adjustment is displayed momentarily; after 3 seconds, the current motor speed is displayed.

Delay Function: (1 Minute) During fan operation, press the "Power" button to initiate a 1-minute delay shutdown mode. The delay indicator will blink. Changing the speed setting during this time will cancel the delay; pressing the "Power" button during the delay will shut down the unit.

Gesture Control Function:

Quick Start with Gesture Control: Swipe from left to right in the off state to start the kitchen hood at speed "F5" with lighting activated, then cycle through "F8", "F3", and repeat.

Quick Shutdown with Gesture Control: Swipe from right to left during operation to initiate a delay, and swipe again to turn off all functions and shut down the unit.

Gesture Control Default Setting: Upon power-up, gesture control is enabled by default. Press and hold the "Power" button for 3 seconds to disable gesture control; the indicator light will blink three times. Press and hold the "Power" button again for 3 seconds to enable gesture control; the indicator light will stay on for 3 seconds.

Heat Auto Clean Function: (Total Duration 16 Minutes)

Activation: In standby mode, press and hold the "Clean" button for three seconds to activate the cleaning function. The cleaning indicator will blink, and the icon will light up, starting a 16-minute countdown. To exit cleaning mode, press the power button or hold the "Clean" button for three seconds.

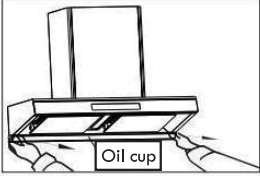
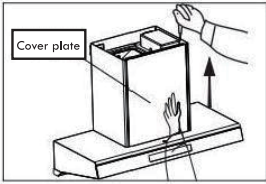
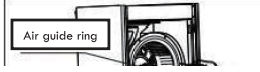

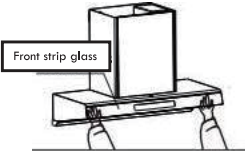
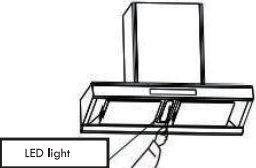
Cleaning Process: The cleaning heating is activated for the first 15 minutes. In the final minute, the heating stops, and the F9 drying cycle runs for one minute, completing the 16-minute cycle.
Maintenance and Care

To maintain optimal performance and extend the lifespan of your range hood, follow these maintenance guidelines:

- Always unplug the unit before performing maintenance.
- Wear protective gloves to avoid cuts during cleaning.
- Avoid water entering electrical components.
- Replace damaged power cords with manufacturer-approved replacements.
- Regularly clean grease filters, air guide rings, fan wheels, and oil collectors.
- Wipe the exterior surface with a dry or damp cloth and neutral cleaner after each use.
- Clean the air guide ring regularly and the smoke collection cover immediately after use.
- Use only neutral detergents to avoid damaging the hood's protective coating.
- Regularly empty and clean the oil collector.
- Failure to follow these cleaning guidelines may pose a fire risk.

11. Component Replacement Methods

Ensure the power cord is unplugged before disassembling any parts.

Disassembly Steps	
	<p>Oil Collector: Pull the oil collector outward horizontally to remove it. Clean the oil collector promptly when the oil level reaches a certain point to prevent overflow. It is recommended to clean the oil collector regularly.</p>
	<p>Use a Phillips screwdriver to unscrew the screws securing the cover plate, then lift upwards to remove it.</p>
	<p>Use a Phillips screwdriver to unscrew the screws holding the air guide ring in place, then remove the air guide ring.</p>
	<p>Turn the fan wheel nut clockwise to detach the fan wheel.</p>
	<p>Front Glass Panel: Lift the front glass panel upwards to remove it, pull out the plug connector, then unscrew the screws to remove the switch assembly.</p>
	<p>LED Light: Use a flathead screwdriver or a small knife to gently pry around the edge of the LED light, pull out the plug connector, and remove the light.</p>

12. Cleaning and Maintenance of Components:

- Use a neutral detergent when cleaning components; avoid strong acids or alkaline solutions.
- To prevent deformation or damage, soak parts for 30 minutes before cleaning.
- Rinse components thoroughly with clean water after cleaning, then dry them with a soft cloth.
- Clean electrical components using a dry soft cloth or soft brush; do not use water or detergent on electrical parts.
- After maintenance, reassemble components by following the disassembly steps in reverse.

Filter Cleaning:

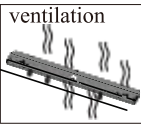


1. Pull the oil cup outward horizontally to remove it, then hold the buckle on the filter with both hands and pull it outward to remove the filter.



2. Soak the removed filter in a solution of warm water and neutral detergent for 30 minutes.





3. Take out the soaked filter and rinse the remaining grease on the filter with clean water.





4. Rinse the filter, wipe off excess water droplets with a dry soft cloth, and then place it in a relatively ventilated place for a while.

5. To assemble the dry filter, follow the reverse steps of disassembly.

13. Troubleshooting

Problem	Cause	Solution
 <p>The light is not on and the motor is not operating</p>	Poor connection between plug and socket.	Repair or replace the connection.
	Power cord is broken.	Replace the power cord.
	Blown fuse.	Replace the fuse.
	No power supply in the home.	Wait for the home power supply to be restored and try again.
 <p>The Light is off, while motor is operating</p>	Light bulb is defective.	Replace the light bulb.
	Fault in the power board or control panel.	Repair or replace the connection.
 <p>The light is off and motor not operating</p>	Motor overheated and triggered the thermal protection.	Wait a moment before restarting.
	Capacitor burnt out.	Replace the capacitor.
 <p>The body vibrates significantly and the noise level increases.</p>	Loose screws in connecting joints.	Securely mount the kitchen hood.
	Damaged fan wheel or missing balance weights.	Properly install the fan wheel.
	Excessive grease on the fan wheel.	Replace the fan wheel.
	Weak suction.	Clean the grease off the fan wheel.

Problem	Cause	Solution
 <p data-bbox="143 376 345 400">Causes and Solutions</p>	The installation height is too elevated.	Adjust to the appropriate height.
	Excessive air circulation in the kitchen or overly tight seals.	Reduce air circulation or moderately open doors or windows.
	The ductwork is excessively long or has too many bends.	Install according to the instructions.
	Strong outdoor winds.	This is not a technical fault.
 <p data-bbox="102 652 410 703">A tingling sensation occurs when touching the outer casing.</p>	High indoor humidity, coupled with inadequate grounding of the casing.	Ensure the power socket is properly grounded.

Customer Service

If your kitchen range hood encounters any issues affecting its normal function, please contact your nearest KB ELEMENTS sales point.

Warning!

For your safety, please ensure your installation meets these requirements:

- **Power Socket:** Use a dedicated three-prong power outlet with the live, neutral, and ground wires correctly connected.
- **Venting:** Do not vent exhaust gases into flues used for venting smoke from burning gas or other fuels.
- **Duct Maintenance:** Keep the exhaust duct clear when the kitchen hood is in use.
- **Cleaning Guidelines:** Follow specified cleaning guidelines to prevent the risk of fire.
- **Direct Heat:** Do not expose the range hood to direct flames.
- **Cleaning Precautions:** Always disconnect power before cleaning and prevent water from entering the motor and electrical components.



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