

IKTCH IKC02-30B

IKTCH 30-inch Under Cabinet Range Hood IKC02-30B Instruction Manual

Model: IKC02-30B

1. INTRODUCTION

This instruction manual provides detailed information for the safe and efficient operation of your IKTCH 30-inch Under Cabinet Range Hood, model IKC02-30B. Please read this manual thoroughly before installation and use, and retain it for future reference.



Figure 1: Front view of the IKTCH 30-inch Under Cabinet Range Hood.

2. SAFETY INFORMATION

To reduce the risk of fire, electric shock, or injury, observe the following:

- Read all instructions before using this appliance.
- Installation must be performed by a qualified technician in accordance with all applicable codes and standards.
- Always disconnect power before servicing or cleaning the unit.
- Do not operate any fan with a damaged cord or plug.
- Do not use this unit with any solid-state speed control device.
- This unit is intended for general ventilating use only. Do not use to exhaust hazardous or explosive materials and vapors.
- Clean grease filters frequently. Grease should not be allowed to accumulate on the fan or filters.

3. PACKAGE CONTENTS

Verify that all items are included in the package:

- IKTCH Under Cabinet Range Hood (Model IKC02-30B)
- Remote Control
- LED Lights (pre-installed)
- Screws and mounting hardware
- Installation Guide & User Manual
- Baffle Filters (pre-installed)

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Video 1: Unboxing and initial review of the IKTCH Under Cabinet Range Hood, showing package contents and initial setup.

4. PRODUCT FEATURES

The IKTCH IKC02-30B range hood is designed for optimal kitchen ventilation and user convenience:

- **Powerful Airflow:** Equipped with dual motors, it provides a maximum airflow of 900 CFM to effectively remove cooking odors and smoke.
- **Modern Design:** Features black tempered glass and stainless steel construction, complemented by two 3W LED lights with adjustable brightness.
- **Triple Control Options:** Operate the hood using gesture sensing, touch controls, or the included remote control for a clean, fingerprint-free experience.
- **Low Noise Operation:** Offers four-speed settings with noise levels ranging from 40dB (minimum) to 65dB (maximum), ensuring a quiet cooking environment.
- **Durable Filters:** Baffle filters are included, designed for efficient grease capture and easy cleaning.



Figure 2: Overview of the control options including gesture sensing, touch, and remote control.



Figure 3: Visual representation of the 900 CFM airflow capacity effectively removing smoke.

5. INSTALLATION

The IKC02-30B is designed for under-cabinet mounting. Refer to the included Installation Guide for detailed steps and diagrams. Key considerations include:

- **Mounting Location:** Ensure adequate clearance above the cooking surface as per local building codes.
- **Ducting:** This model supports exhaust ventilation. Connect to appropriate ductwork (top or rear exhaust options available). Ensure all duct connections are sealed to prevent air leaks.
- **Electrical Connection:** The unit requires a 120V electrical connection. Consult a qualified electrician if you are unsure about wiring.
- **Secure Mounting:** Use the provided screws and mounting hardware to securely fasten the range hood to the underside of the cabinet.

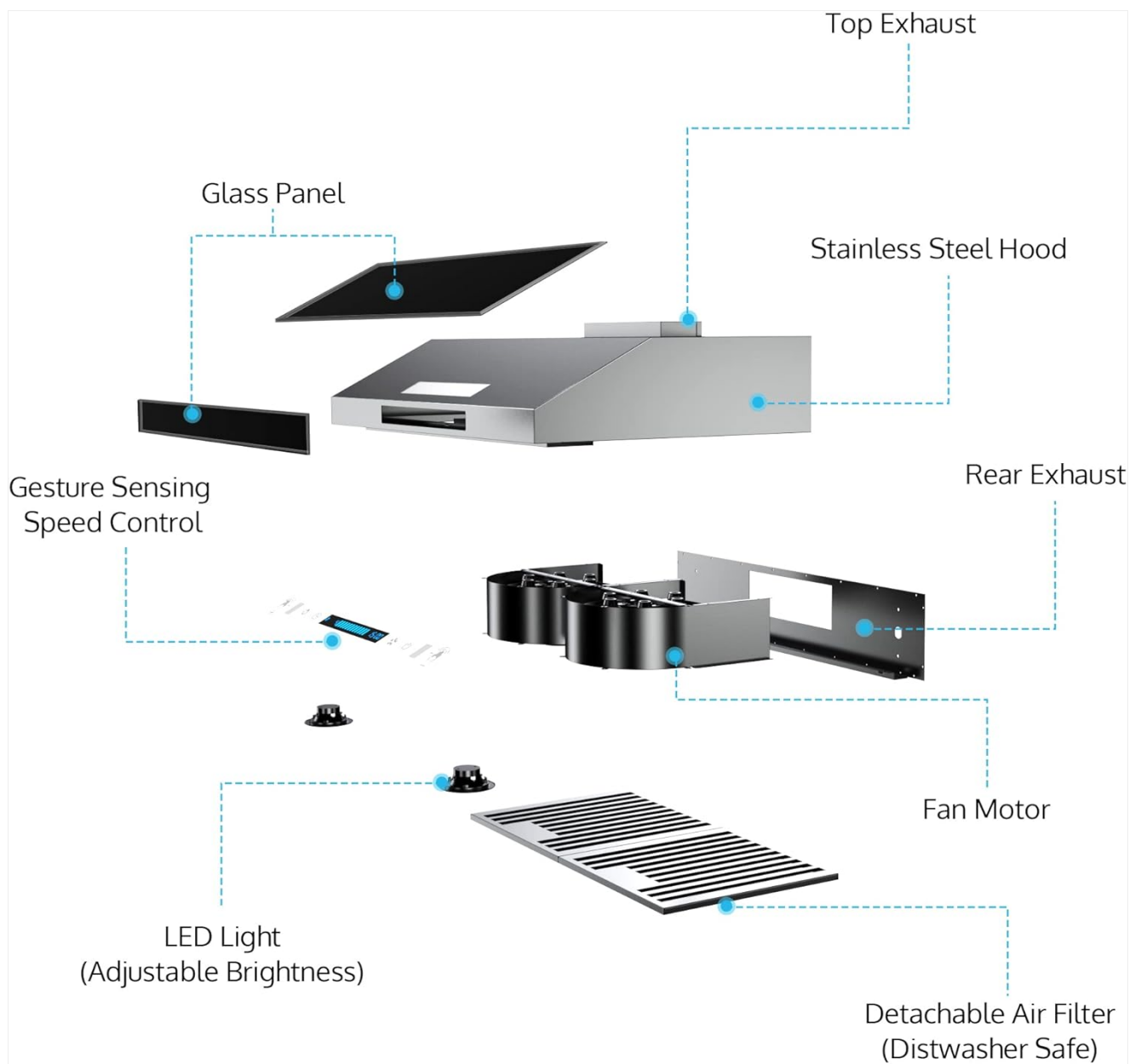


Figure 4: Exploded diagram showing the main components and exhaust options (top/rear).

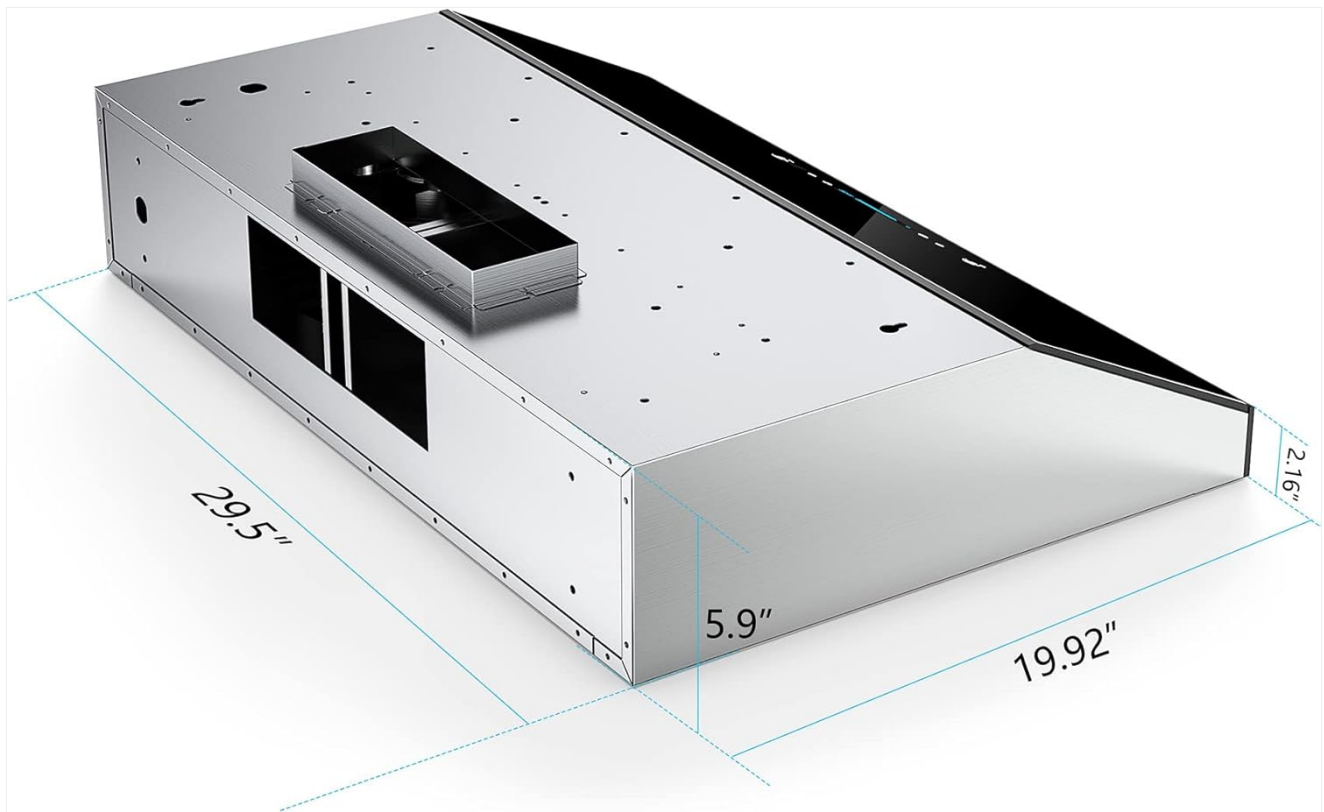


Figure 5: Product dimensions for accurate installation planning.

6. OPERATING INSTRUCTIONS

Your IKTCH range hood offers multiple ways to control its functions:

6.1. Touch Control Panel

The front panel features intuitive touch controls for power, fan speed, and lighting.

- **Power Button:** Press to turn the unit on/off.
- **Fan Speed:** Cycle through 4 fan speeds (Low, Medium, High, Max) by pressing the fan speed button.
- **Light Button:** Press to turn LED lights on/off. Hold to adjust brightness.
- **Timer Function:** Activate the delay shut-off timer for automatic fan operation after a set period.

6.2. Gesture Sensing

Utilize the gesture sensor for hands-free operation, ideal when your hands are occupied or soiled.

- **Turn On/Increase Speed:** Wave your hand from left to right across the two sensing points. Each wave increases the fan speed.
- **Decrease Speed/Turn Off:** Wave your hand from right to left across the two sensing points. Each wave decreases the fan speed, eventually turning it off.
- **Lights:** A quick wave can also activate the lights.



Figure 6: Illustration of gesture sensing for controlling fan speed without physical contact.

6.3. Remote Control

The included remote control provides convenient access to all functions from a distance.

- Buttons on the remote correspond to the functions on the touch control panel.
- Ensure the remote has working batteries and is pointed towards the range hood's sensor.

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Video 2: Demonstration of the IKTCH range hood's touch and gesture controls, including fan speed adjustments and lighting.

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Video 3: Overview of the IKTCH range hood's features, including its 900 CFM suction and 4-speed fan settings.

7. MAINTENANCE AND CLEANING

Regular maintenance ensures optimal performance and longevity of your range hood.

7.1. Cleaning Baffle Filters

- The baffle filters should be cleaned regularly (e.g., monthly, depending on cooking frequency).
- To remove, locate the release latches on each filter, push them in, and pull the filter downwards.
- Filters are dishwasher safe or can be hand-washed with warm, soapy water.
- Ensure filters are completely dry before re-installing.



Figure 7: Detachable and washable baffle filter for easy maintenance.

7.2. Cleaning Exterior Surfaces

- Wipe stainless steel surfaces with a clean cloth and a non-abrasive stainless steel cleaner.
- For tempered glass, use a glass cleaner and a soft cloth to avoid scratches.
- Avoid using abrasive cleaners or scouring pads, which can damage the finish.

8. TROUBLESHOOTING

Refer to this section for common issues and their solutions.

Problem	Possible Cause	Solution
Range hood does not turn on.	No power supply; circuit breaker tripped.	Check power connection; reset circuit breaker.
Weak suction.	Clogged filters; improper ducting; fan speed too low.	Clean or replace filters; check ductwork for obstructions; increase fan speed.
Excessive noise.	Loose parts; fan obstruction; improper installation.	Check for loose screws or objects; ensure fan is clear; verify proper installation.
Lights not working.	Loose bulb; faulty wiring; LED failure.	Check bulb connection; consult a technician for wiring issues; replace LED if necessary.
Gesture control unresponsive.	Incorrect gesture; obstruction of sensor.	Ensure quick, clear hand movements across sensors; clear any obstructions.

9. SPECIFICATIONS

- **Model:** IKC02-30B
- **Air Flow Capacity:** 900 Cubic Feet Per Minute (CFM)
- **Material:** Stainless Steel, Tempered Glass
- **Noise Level:** 40-65 Decibels
- **Mounting Type:** Under Cabinet Mount

- **Controls Type:** Gesture, Touch, Remote
- **Voltage:** 120 Volts
- **Number of Speeds:** 4
- **Item Weight:** 37.6 pounds
- **Light Source Type:** LED (2 x 3W)
- **Wattage:** 230 watts
- **Filter Type:** Baffle
- **Ventilation Type:** Exhaust
- **Product Dimensions:** 19.92"D x 29.5"W x 5.9"H

10. WARRANTY AND SUPPORT

IKTCH provides comprehensive support for its products:

- **Motor Warranty:** 10-year limited warranty.
- **Switch Warranty:** 5-year limited warranty.
- **Technical Support:** Long-term technical support is available.
- For any questions or assistance during use, please contact IKTCH customer service.