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

## 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

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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.

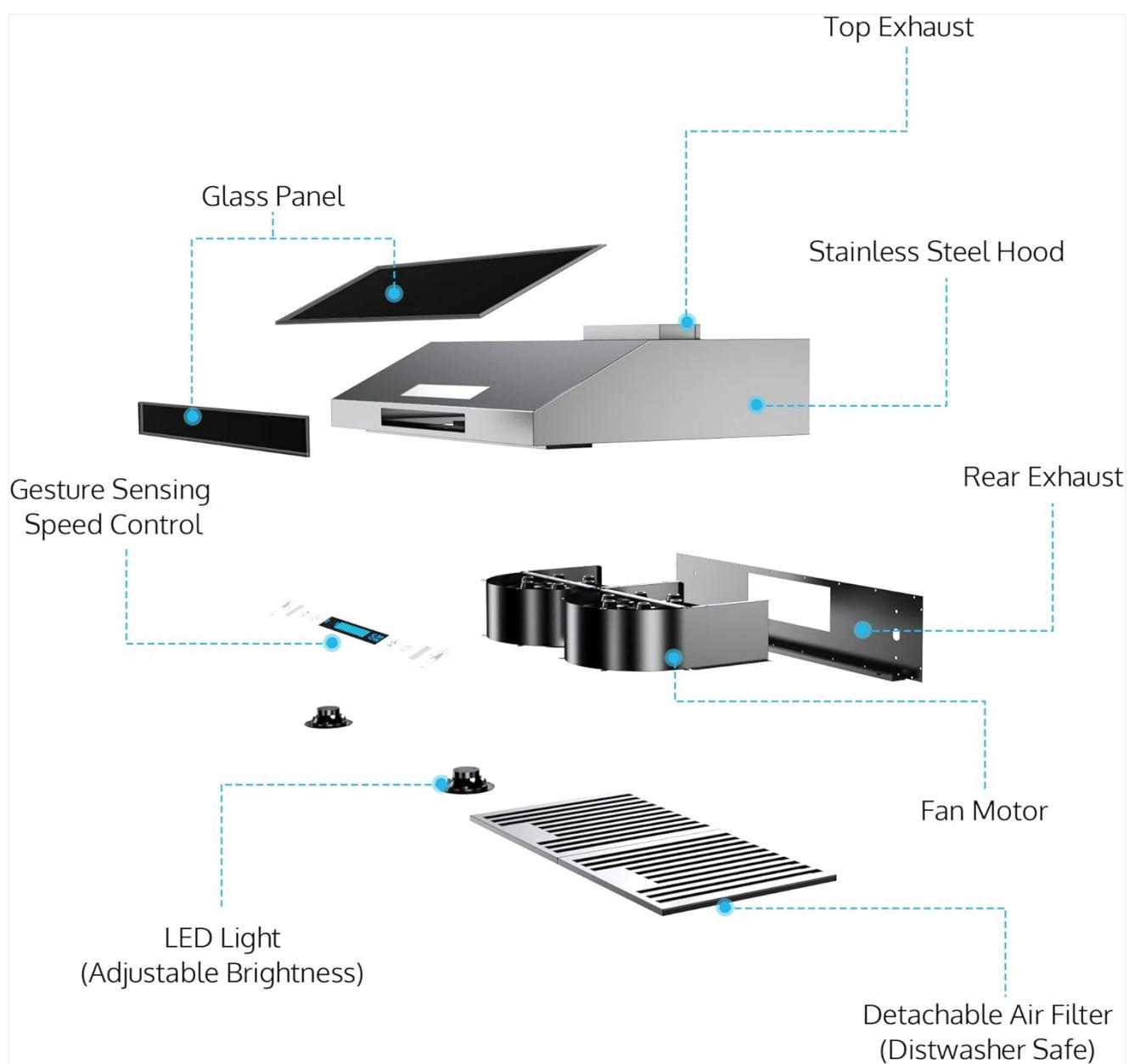


Figure 4: Exploded diagram showing the main components and exhaust options (top/rear).

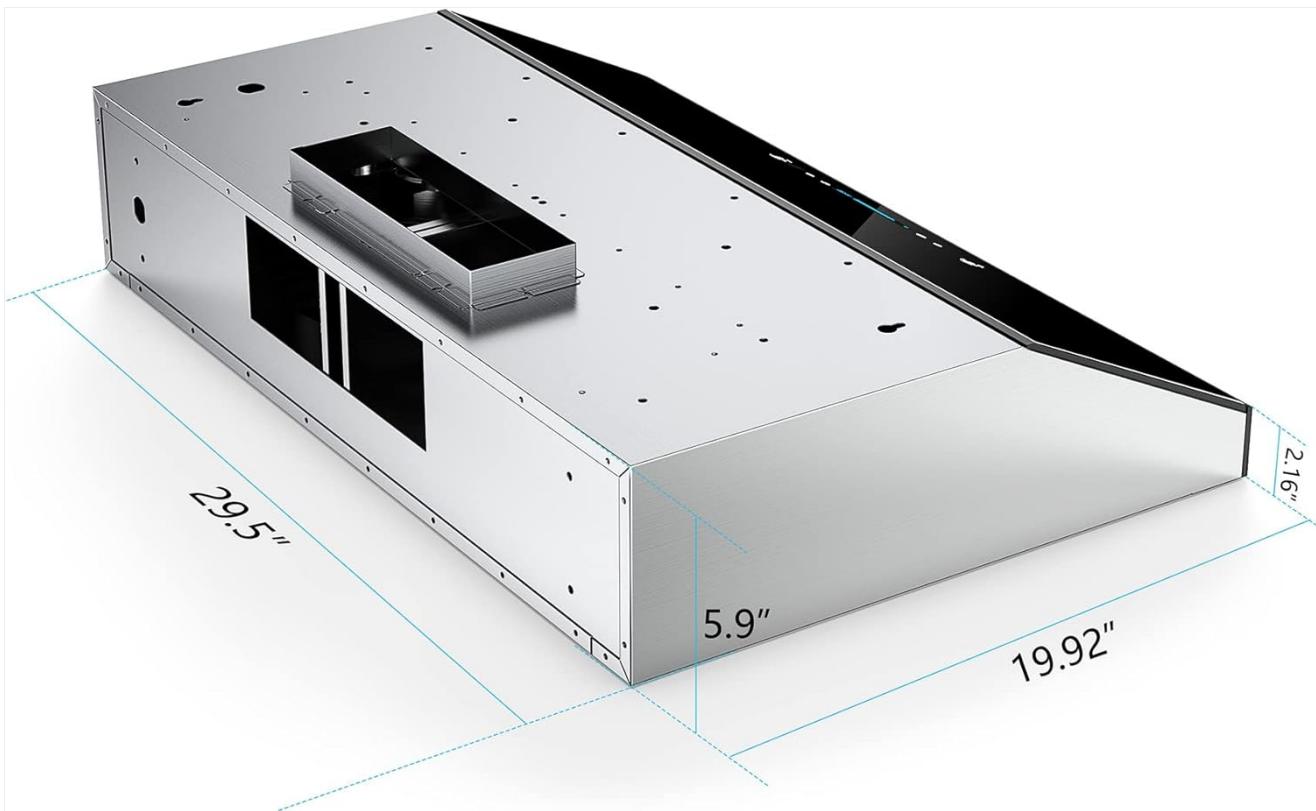


Figure 5: Product dimensions for accurate installation planning.

## 6. OPERATING INSTRUCTIONS

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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.



## Gesture sensing

With a wave of your hand, you can turn on the machine and adjust the wind speed, so that the oil stains on your fingers will not stain the hood

**Tips:** gesture control only take effect when passing two sensing points.



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

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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

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- **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

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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.