Zephyr AK9434BS

Zephyr AK9434BS Range Hood User Manual

Model: AK9434BS | Brand: Zephyr

Introduction

This manual provides detailed instructions for the installation, operation, and maintenance of your Zephyr AK9434BS Stainless Steel Range Hood. Please read this manual thoroughly before installation and use to ensure proper function and safety. Keep this manual for future reference.

Important Safety Information

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

- Installation work and electrical wiring must be done by qualified person(s) in accordance with all applicable codes and standards, including fire-rated construction.
- Sufficient air is needed for proper combustion and exhausting of gases through the flue (chimney) of fuel-burning equipment to prevent back-drafting.
- When cutting or drilling into wall or ceiling, do not damage electrical wiring and other hidden utilities.
- Ducted fans must always be vented to the outdoors.
- Do not use this unit with any external solid-state speed control device.
- To reduce the risk of a range top grease fire, never leave surface units unattended at high settings.
- Clean grease laden surfaces frequently. Grease should not be allowed to accumulate on fan or filters.
- Always turn hood ON when cooking at high heat or when flaming foods.
- Use appropriate size cookware.

Package Contents

Verify that all components are present before beginning installation:

- Zephyr AK9434BS Range Hood Insert
- Baffle Filters (Pre-installed)

- LumiLight LED Lights (Pre-installed)
- Installation Hardware (Screws, anchors, etc.)
- User Manual

Installation and Setup

The Zephyr AK9434BS is designed as a range insert hood for ceiling mount applications. Professional installation is recommended.

1. Pre-Installation Considerations

- **Ducting:** This unit requires ducted/vented installation. Ensure an 8-inch round duct is available or can be installed. The hood can vent out the top or back.
- **Electrical:** The unit operates on 120V, 5A, 600W. A dedicated circuit is recommended.
- **Mounting Height:** Refer to local building codes and the hood's specifications for optimal mounting height above the cooking surface. Recommended ceiling height range is 96" - 144".

2. Mounting the Hood

Secure the hood insert into the custom cabinetry or enclosure. Ensure the structure can support the hood's weight (approximately 38 pounds). Use appropriate fasteners for your cabinet material.



Image: The Zephyr AK9434BS range hood insert seamlessly integrated into kitchen cabinetry above a cooking range. This illustrates a typical installed appearance.

3. Duct Connection

Connect the 8-inch round ductwork to the hood's exhaust outlet. Ensure all connections are sealed with duct tape or mastic to prevent air leaks.

4. Electrical Connection

Connect the hood to a grounded 120V AC power supply. Follow all local electrical codes. If you are unsure, consult a licensed electrician.

5. Zephyr Connect (Optional)

This model is compatible with the Zephyr Connect App. Refer to the separate Zephyr Connect guide for instructions on pairing your hood with the application for smart features.

Operation

The Zephyr AK9434BS features 6-speed Proximity Touch Controls and LumiLight LED lighting for efficient and convenient operation.



Image: A close-up front view of the Zephyr AK9434BS range hood, showing the integrated control panel and the LumiLight LED lighting on either side.

1. Power On/Off

Touch the power icon on the control panel to turn the hood on or off.

2. Fan Speed Adjustment

Use the speed control buttons to select one of the six available fan speeds. Higher speeds provide greater airflow (up to 700 CFM) for more intense cooking.

3. LumiLight LED Lighting

Touch the light icon to turn the LED lights on or off. Hold the light icon to cycle through dimmable light levels. LumiLight LEDs are designed for energy efficiency and long life.

4. CleanAir Function

Activate the CleanAir Function to automatically power the hood on every four hours for 10 minutes. This helps refresh the cooking area by circulating air.

5. Airflow Control Technology (ACT)

ACT allows installers to set maximum CFM levels to comply with local building codes. This setting is typically configured during installation and does not require user adjustment.

6. Optional Wireless Remote Control

If an optional wireless remote control is purchased, refer to its specific instructions for pairing and operation. The remote enables ADA compliant operation.

Maintenance

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

1. Baffle Filter Cleaning

The high-airflow pro baffle filters are dishwasher safe. Remove filters by pulling the handles and sliding them out. Clean them regularly (monthly, or more frequently depending on cooking habits) to prevent grease buildup and maintain airflow efficiency. Allow filters to dry completely before re-installing.



Image: An underside view of the Zephyr AK9434BS range hood, clearly showing the removable baffle filters designed to capture grease and particles.

2. Exterior Cleaning

Clean the stainless steel exterior with a soft cloth and a non-abrasive stainless steel cleaner. Always wipe in the direction of the grain. Avoid harsh chemicals or abrasive pads that can scratch the surface.

3. LED Light Replacement

LumiLight LED lights are designed for a long lifespan (over 25,000 hours) and typically do not require replacement. If a light fails, contact Zephyr customer support for service.

Troubleshooting

Before contacting customer service, review the following common issues and solutions:

Problem	Possible Cause	Solution
Hood does not turn on.	No power supply; circuit breaker tripped.	Check power connection. Reset circuit breaker.
Poor suction.	Clogged filters; restricted ductwork; incorrect fan speed.	Clean baffle filters. Check ductwork for obstructions. Increase fan speed.
Lights not working.	LED light failure.	Contact Zephyr customer support for service.
Excessive noise.	Loose components; ductwork issues; foreign object in blower.	Ensure all mounting screws are tight. Inspect ductwork. Contact service if noise persists.

Specifications

Feature	Detail
Model Number	AK9434BS
Brand	Zephyr
Material	Stainless Steel
Mounting Type	Range Insert Hood (Ceiling Mount)
Air Flow Capacity	700 Cubic Feet Per Minute (CFM)
Noise Level	0.8 - 6 Sones (up to 65 dB)
Number of Speeds	6
Controls Type	Proximity Touch
Lighting Type	LumiLight LED (Dimmable)
Filter Type	High-airflow Pro Baffle Filters (Dishwasher Safe)
Ventilation Type	Ducted/Vented (Top or Back)
Duct Size	8" Round

Feature	Detail
Voltage	120 Volts
Amperage	5A
Wattage	600 Watts
Product Dimensions (W x D x H)	34-3/8" x 19-1/4" x 12"
Item Weight	38 pounds
Special Features	Zephyr Connect Compatible, CleanAir Function, Airflow Control Technology (ACT), ADA Compliant (with optional remote)

Warranty and Customer Support

Warranty Information

The Zephyr AK9434BS Range Hood is covered under a **1-year labor warranty** and a **3-year parts warranty** from the date of purchase. This warranty covers defects in materials and workmanship under normal use. Please retain your proof of purchase for warranty claims.

Customer Support

For technical assistance, troubleshooting beyond this manual, or warranty service, please contact Zephyr Customer Support. You can typically find contact information on the official Zephyr website or your product registration card.
Website: www.zephyronline.com
Phone: Refer to the Zephyr website for regional contact numbers.

Ask a question about this manual

Ask about setup, troubleshooting, compatibility, parts, safety, or missing instructions. Manuals+ will review the question and use this page's manual context to help answer it.

Name

Anonymous

Email

you@example.com

After a successful submission, we securely hash the supplied account or form email before sending it to Microsoft Advertising for conversion attribution. Privacy details.

Question

Example: How do I reset this device or fix this error?

Details

Model number, symptoms, what you tried, or the section of the manual you are using.

Submit question