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Zephyr AK6500CS

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Instruction Manual

INTRODUCTION

This manual provides essential information for the safe installation, operation, and maintenance of your Zephyr Cyclone AK6500CS Under Cabinet Range Hood. Please read all instructions carefully before installation and use, and retain this manual for future reference.

The Zephyr Cyclone range hood is designed to efficiently remove cooking odors, smoke, and grease from your kitchen. It features a filter-less self-cleaning system, mechanical slide controls for fan speed and lighting, and energy-efficient LED lights.



Image: Zephyr Cyclone Range Hood in a kitchen setting, demonstrating its under-cabinet installation and sleek design.

SAFETY INFORMATION

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

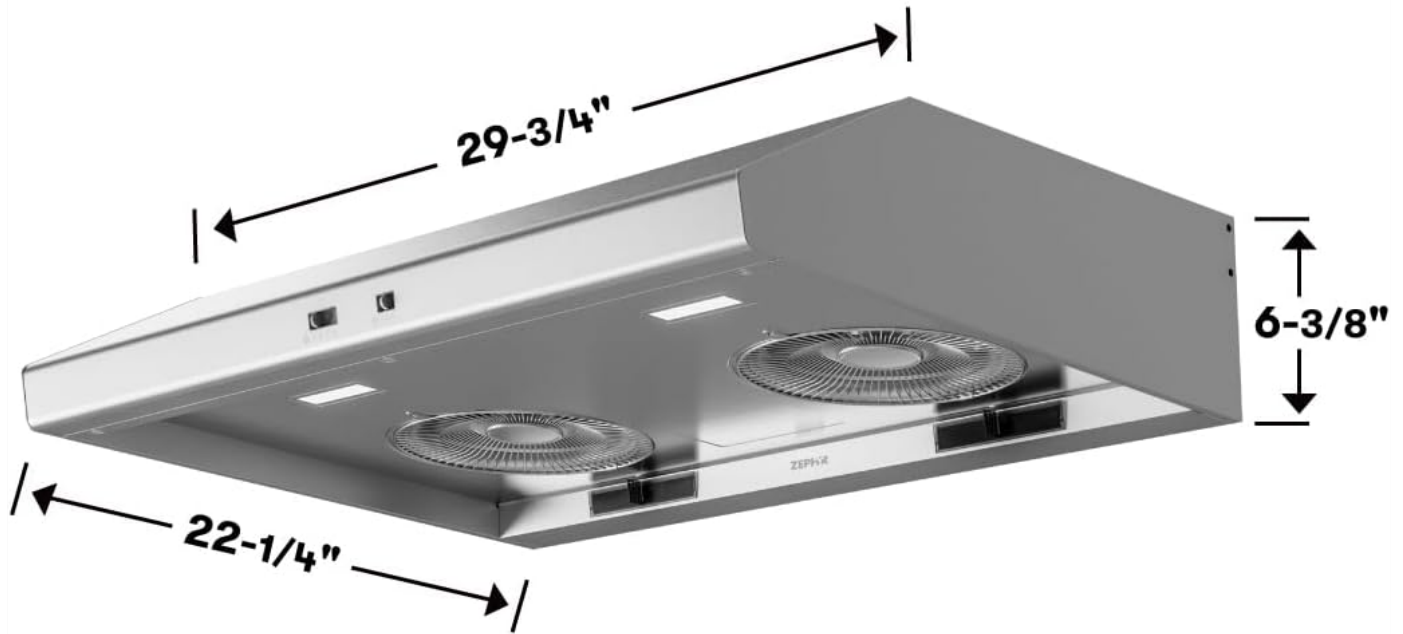
- Installation work and electrical wiring must be done by qualified person(s) in accordance with all applicable codes and standards, including fire-rated construction.
- Sufficient air is needed for proper combustion and exhausting of gases through the flue (chimney) of fuel burning equipment to prevent back-drafting. Follow the heating equipment manufacturer's guideline and safety standards such as those published by the National Fire Protection Association (NFPA), and the American Society for Heating, Refrigeration and Air Conditioning Engineers (ASHRAE), and the local code authorities.
- 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.
- Always disconnect power from the unit before servicing or cleaning.

SETUP AND INSTALLATION

The Zephyr Cyclone AK6500CS is designed for under-cabinet mounting and ducted/vented operation. Due to its weight and electrical requirements, professional installation is highly recommended.

Product Dimensions

PRODUCT DIMENSIONS



24" - 32"

MOUNTING HEIGHT RANGE

Mounting height refers to distance between top of a 36" tall cooking surface and bottom of hood.

Image: Detailed diagram illustrating the product dimensions: 29-3/4 inches width, 22-1/4 inches depth, and 6-3/8 inches height.

- **Overall Dimensions:** 29.75" (W) x 22.25" (D) x 6.38" (H)
- **Mounting Height Range:** 24" - 32" above the cooking surface. This refers to the distance between the top of a 36" tall cooking surface and the bottom of the hood.

Electrical Connection

This unit is designed for hardwired electrical connection. If you intend to plug the unit into an outlet, a separate power cord must be purchased and installed by a qualified electrician. Ensure the power supply matches the hood's requirements (120 Volts, 2 Amps).

OPERATING INSTRUCTIONS

Your Zephyr Cyclone range hood features intuitive mechanical slide controls for managing ventilation and lighting.

Mechanical Slide Controls

MECHANICAL SLIDE CONTROLS



LUMILIGHT LED DUAL-LEVEL LIGHTING



Image: Close-up view of the mechanical slide controls, showing the fan speed (0-3) and light settings (0-2).

- **Fan Speed Control:** The left slide control adjusts the blower speed. Slide it to positions 1, 2, or 3 for increasing airflow. Position 0 turns the fan off. Three speed levels allow you to control proper airflow depending on your cooking needs, from light simmering to intense grilling.
- **Lighting Control:** The right slide control operates the LumiLight LED lights. Slide it to position 1 for a lower light level or position 2 for full brightness. Position 0 turns the lights off. The dual-level dimmable LEDs provide uniform light distribution.

Customizable Airflow

**CUSTOMIZABLE
AIRFLOW:
290-600 CFM**

Adjustable blower for perfect ventilation — from light simmering to intense grilling.



Image: The range hood effectively extracting steam from cooking pots, demonstrating its customizable airflow from 290-600 CFM. The range hood offers an adjustable blower with an airflow capacity of 290-600 CFM, allowing for perfect ventilation tailored to your cooking intensity.

MAINTENANCE

Regular maintenance ensures optimal performance and longevity of your range hood. Always disconnect power before performing any maintenance.

Filter-less Self-Cleaning System



3 Speed Levels

Quiet and efficient, three speed levels allow you to control proper airflow depending on your cooking needs.



2 Removable Safety Grilles

High-quality safety grilles designed to enhance protection during use and improve the overall aesthetic.



Filter-less Self-cleaning System

Designed to work without filters, the centrifugal blower wheel pushes air downwards and away from the center, separating cooking vapors and grease from the air. Remaining cooking contaminants are then trapped in a residue tray which drains into residue cups when cleaned. This blower system ensures that the hood is effective, quiet and easy to use.

Image: Overview of the Zephyr Cyclone Under-Cabinet range hood highlighting its 3 speed levels, 2 removable safety grilles, and filter-less self-cleaning system.

The centrifugal blower system is designed to work without traditional filters. It pushes air downwards and away from the center, separating cooking vapors and grease. Remaining contaminants are trapped in a residue tray, which drains into residue cups during the cleaning process. This system ensures effective, quiet operation and easy cleanup.

Cleaning Removable Safety Grilles

The hood is equipped with 2 removable safety grilles. These high-quality grilles enhance protection during use and contribute to the overall aesthetic. They can be removed for cleaning to maintain hygiene and airflow efficiency.

- To remove, carefully disengage the grilles according to the diagrams in the full installation guide.
- Clean the grilles with warm, soapy water. Rinse thoroughly and dry completely before reinstallation.

Exterior Cleaning

Clean the stainless steel exterior regularly with a soft cloth and a non-abrasive stainless steel cleaner. Always wipe in the direction of the grain to prevent scratching.

TROUBLESHOOTING

If you encounter issues with your range hood, refer to the following common troubleshooting steps:

- **No Power:** Check the circuit breaker or fuse box. Ensure the unit is properly connected to the electrical supply.
- **Fan Not Operating:** Verify the fan speed control is not in the '0' position. Check for any obstructions in the blower area.
- **Lights Not Working:** Ensure the light control is not in the '0' position. If individual LEDs are out, they may require replacement by a qualified technician.
- **Poor Suction:** Ensure the ductwork is clear and unobstructed. Check that the hood is installed at the recommended mounting height. Clean the residue tray and cups.
- **Excessive Noise:** Check for loose components or obstructions in the blower. Ensure the unit is securely mounted.

For issues not resolved by these steps, contact customer support.

SPECIFICATIONS

Feature	Specification
Brand	Zephyr
Model Number	AK6500CS
Product Dimensions (D x W x H)	29.75" x 22.25" x 6.38"
Mounting Type	Under Cabinet Mount
Air Flow Capacity	600 Cubic Feet Per Minute (CFM)
Number of Speeds	3
Controls Type	Mechanical Slide Controls
Light Source	LED (LumiLight, Dual-Level Dimmable)
Noise Level	1.5 Sones
Voltage	120 Volts
Amperage	2 Amps
Wattage	240 Watts
Ventilation Type	Ducted/Vented
Filter Type	Mesh (Self-cleaning system, no traditional filters)
Material Type	Stainless Steel
Included Components	LED Lights

WARRANTY INFORMATION

For detailed warranty information regarding your Zephyr Cyclone AK6500CS range hood, please refer to the warranty card included with your product or visit the official Zephyr website. Warranty terms typically cover manufacturing defects

and may vary by region and purchase date.

CUSTOMER SUPPORT

If you require assistance with installation, operation, maintenance, or troubleshooting that is not covered in this manual, please contact Zephyr customer support. Contact information can typically be found on the manufacturer's website or on the product packaging.

When contacting support, please have your model number (AK6500CS) and purchase date readily available.