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GEHEN ZLS-E302A

GEHEN ZLS-E302A USB Clip-On Fan User Manual

Model: ZLS-E302A

INTRODUCTION

This manual provides instructions for the safe and efficient operation, installation, and maintenance of your GEHEN ZLS-E302A USB Clip-On Fan. Please read this manual thoroughly before using the product and retain it for future reference.

SAFETY INSTRUCTIONS

- Ensure the fan is disconnected from the power source before cleaning or performing any maintenance.
- Do not insert fingers or any objects into the fan grille when the fan is operating.
- Keep the fan away from water or other liquids to prevent electric shock.
- Do not use the fan in excessively humid or dusty environments.
- This fan is designed for indoor and outdoor use, but avoid direct exposure to heavy rain or extreme weather conditions.
- The fan is USB plug-in powered; it does not operate on batteries. Ensure a compatible USB power source (5V, 1A) is used.

PRODUCT OVERVIEW

The GEHEN ZLS-E302A is a versatile clip-on fan designed for personal cooling. It features a sturdy clamp, adjustable head, and multiple speed settings.

Size of Clip-on Fan



Figure 1: Front view of the GEHEN ZLS-E302A USB Clip-On Fan.

Key Features:

- **3-Speed Settings:** Adjust airflow from a gentle breeze to a powerful stream.
- **Ultra-Quiet Brushless Motor:** Delivers strong airflow with a maximum noise level of 40dB.
- **Sturdy Clip:** Securely attaches to surfaces up to 2.5 inches (65mm) thick, with soft rubber padding to prevent scratches.
- **360-Degree Rotation:** The fan head can be adjusted vertically and horizontally.
- **USB Powered:** Compatible with computers, power banks, and USB adapters.
- **Baby-Safe Design:** Narrow grille gaps prevent accidental contact with fan blades.



Figure 2: Detailed dimensions of the Clip-On Fan and its USB cable.

SETUP

1. **Choose Placement:** The fan can be used as a clip-on fan or a desk fan.
 - **Clip-On:** Open the sturdy clamp and attach it to a stable surface (e.g., desk edge, shelf, stroller bar) up to 2.5 inches (65mm) thick. The soft pads on the clamp protect surfaces.
 - **Freestanding:** Place the fan on a flat, stable surface. The base of the clamp provides stability.
 - **Hanging:** Utilize the integrated hook on the bottom of the clamp to hang the fan from a suitable fixture.



Figure 3: The fan's clamp securely attached to a table, demonstrating its versatility.

2. **Connect Power:** Insert the USB cable into the fan's USB port and connect the other end to a compatible USB power source (e.g., computer, power bank, USB wall adapter). The fan requires a 5V 1A power supply.

OPERATION

1. **Power On/Off:** Locate the power button on the back of the fan. Press once to turn on the fan at the lowest speed setting. Press again to cycle through speed settings, and a final press to turn off the fan.
2. **Adjust Speed:** The fan has three speed settings. Each press of the power button will increase the speed.
3. **Adjust Direction:** The fan head can be manually rotated 360 degrees horizontally and vertically to direct airflow as desired.

Personal Quiet Fan for Bedroom

3 Speeds Clip on Fan



Figure 4: The fan operating quietly in a bedroom, highlighting its low noise level.

MAINTENANCE

Regular cleaning ensures optimal performance and longevity of your fan.

1. **Disconnect Power:** Always unplug the fan from the USB power source before cleaning.
2. **Remove Front Cover:** The front grille of the fan is removable for easy cleaning of the blades. Gently twist or unclip the front cover as indicated by the markings on the fan.
3. **Clean Blades and Cover:** Use a soft, damp cloth to wipe the fan blades and the inside of the grille. For stubborn dust, a mild soap solution can be used, ensuring all parts are completely dry before reassembly.

4. **Reassemble:** Align the front cover with the fan body and secure it back in place.



Figure 5: Visual guide for disassembling and cleaning the fan's front cover and blades.

TROUBLESHOOTING

Problem	Possible Cause	Solution
Fan does not turn on.	No power supply or loose connection.	Ensure the USB cable is securely plugged into both the fan and a working 5V 1A USB power source.
Low airflow despite high speed setting.	Dust accumulation on blades or grille obstruction.	Clean the fan blades and grille as described in the Maintenance section. Ensure no objects are blocking the airflow.
Fan is noisy.	Dust or debris on blades; fan not on a stable surface.	Clean the fan blades. Ensure the fan is placed or clipped onto a stable, flat surface to minimize vibration.

SPECIFICATIONS

Feature	Detail
Brand	GEHEN
Model Name	ZLS-E302A
Power Source	USB-Powered (5 Volts, 3.5 Watts)
Number of Power Levels	3
Noise Level	25 Decibels (minimum)
Product Dimensions	2.76"D x 5.87"W x 7.6"H
Item Weight	9.8 ounces
Motor Type	Brushless
Mounting Type	Clip On, Desk Fan, Freestanding

Feature	Detail
Max. Clamp Thickness	2.5 inches (65mm)

WARRANTY AND SUPPORT

The GEHEN ZLS-E302A USB Clip-On Fan comes with an 18-month warranty from the date of purchase. For warranty claims, technical support, or any inquiries, please contact our dedicated customer service team. Please refer to your purchase documentation for specific contact details.