

ZeaCotio ZS-02

ZeaCotio ZS-02 Self-Cleaning Cat Litter Box User Manual

Model: ZS-02

1. INTRODUCTION

Welcome to the ZeaCotio ZS-02 Self-Cleaning Cat Litter Box user manual. This guide provides comprehensive instructions for the safe and efficient operation, setup, maintenance, and troubleshooting of your new automatic litter box. Please read this manual thoroughly before using the product to ensure optimal performance and the well-being of your pet.

The ZeaCotio ZS-02 is designed to simplify pet care by automating the litter cleaning process, providing a clean and odor-controlled environment for your cat and home.

2. IMPORTANT SAFETY INFORMATION

Please read and understand all safety warnings before operation.

- **Electrical Safety:** Ensure the power adapter is connected to a grounded outlet. Do not use if the power cord is damaged. Keep the unit away from water sources to prevent electric shock.
- **Pet Safety:** This appliance is intended for use with cats weighing between 3.3 lbs (1.5 kg) and 22 lbs (10 kg). Do not allow children or individuals with reduced physical, sensory, or mental capabilities to operate the unit without supervision.
- **Placement:** Place the unit on a firm, level surface. Avoid placing it directly on carpets or soft mats, as this may interfere with the weight sensors and affect operation. Ensure there is at least 5 cm (2 inches) of space between the unit and any walls or furniture.
- **Litter Type:** Use only clumping cat litter. Non-clumping litter, crystal litter, or absorbent pellets are not suitable and may cause malfunction.
- **Maintenance:** Always unplug the unit before cleaning or performing any maintenance. Do not immerse the unit in water.



Proper placement is crucial for the optimal function and safety of your ZeaCotio ZS-02 litter box. This image provides visual guidelines, advising to place the unit at least 5cm from any wall and to avoid placing it directly on soft surfaces like carpets or mats, which can interfere with sensor readings.

3. PRODUCT OVERVIEW

3.1 Components

Familiarize yourself with the various parts of your ZeaCotio ZS-02 litter box:



This detailed exploded view illustrates all the key components of the ZeaCotio ZS-02 automatic litter box, including the top cover, roller drum, front pedal, waste collection box, garbage bags, air duct, and the interchangeable filter screens.

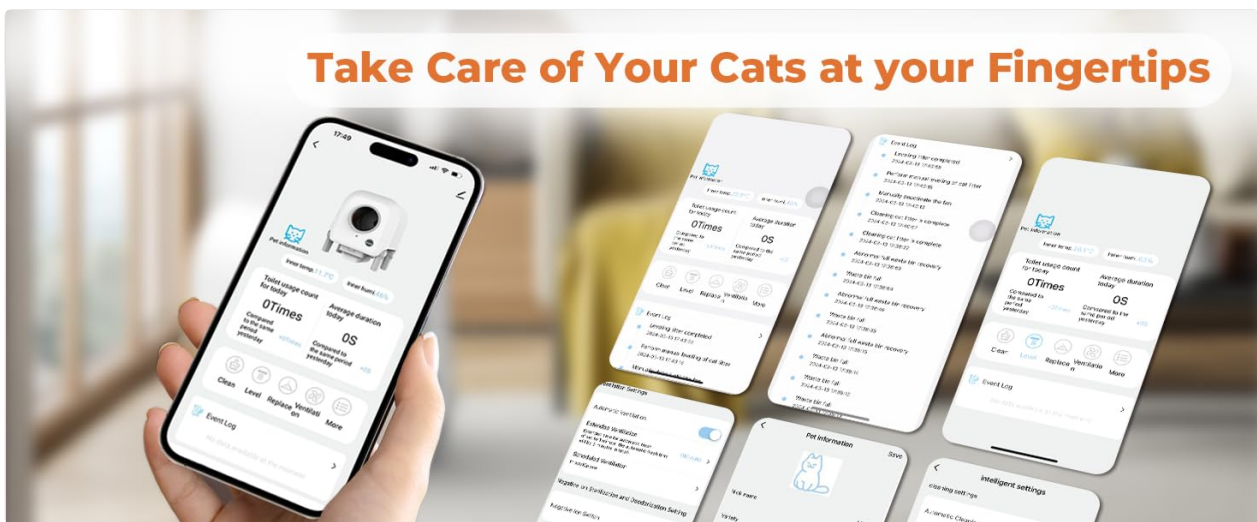
Understanding these parts is essential for proper assembly and maintenance.

- **Top Cover:** The upper housing of the unit.
- **Roller Drum:** The rotating inner chamber where the litter is contained and cleaned.
- **Front Pedal:** Provides a step for cats and helps collect stray litter.
- **Waste Collection Box:** Located beneath the drum, it collects waste after cleaning cycles.
- **Garbage Bags:** Specifically designed liners for the waste collection box.
- **Air Duct:** Connects to the ventilation system for odor control.
- **Filter Screen:** Interchangeable screens for different litter types.

3.2 Features

The ZeaCotio ZS-02 is equipped with advanced features for convenience and hygiene:

- **Automatic Self-Cleaning:** Automatically sifts and collects waste after each use, ensuring a fresh litter box for your cat.
- **Smart Ventilation System:** An integrated air vent system with an exhaust duct neutralizes odors, maintaining a fresh home environment.
- **10 Safety Sensors:** Includes anti-pinch sensors, gravity sensors, and hatch detection to ensure the safety of your pet during operation.
- **Mobile App Control:** Manage settings, monitor usage, and initiate cleaning cycles remotely via a dedicated smartphone application.
- **Large Capacity:** X-Large design suitable for multi-cat households.
- **Litter Compatibility:** Designed to work with various types of clumping cat litter, including plant-based, bentonite, and tofu litter, with interchangeable filter screens.



The ZeaCotio ZS-02 is equipped with 8 advanced sensors to ensure the safety of your pets. This diagram points out the locations of the hatch detection sensor, anti-pinch sensor, and four gravity sensors, which work together to prevent accidents and ensure safe operation.

Outstanding odor control

Smart Ventilation System, neutralizes litter box odors with its air-filter by Air-duct



Equipped with a smart ventilation system and a long exhaust duct, the ZeaCotio ZS-02 effectively neutralizes litter box odors. This image highlights the unit's design, emphasizing its air-filter and duct system for improved air quality.

4. SETUP GUIDE

Follow these steps to set up your ZeaCotio ZS-02 litter box:

1. **Unpack:** Carefully remove all components from the packaging. Check the packing list to ensure all parts are present.
2. **Assemble:** Follow the assembly instructions provided in the quick start guide or refer to the exploded view in Section 3.1 to connect the top cover, roller drum, front pedal, and waste collection box.
3. **Install Waste Bag:** Line the waste collection box with a compatible garbage bag. Ensure the bag is properly secured to prevent leakage.
4. **Add Litter:** Pour clumping cat litter into the roller drum. Do not exceed the MAX fill line indicated inside the drum.
5. **Connect Air Duct (Optional):** If using the exhaust duct for enhanced odor control, connect it to the designated port on the unit and route it to a suitable ventilation point.
6. **Placement:** Position the unit on a firm, level surface, ensuring it is at least 5 cm (2 inches) away from

walls or furniture. Avoid placing it on carpets or soft mats.

7. **Power On:** Connect the power adapter to the unit and then plug it into a grounded electrical outlet. The unit will perform an initial calibration cycle.



This image shows the ZeaCotio ZS-02 automatic litter box in a home setting, with a cat comfortably inside the drum. A smartphone screen next to the unit displays the companion mobile application, highlighting its smart control capabilities.

5. OPERATING INSTRUCTIONS

5.1 Powering On/Off

- **Power On:** Plug the unit into a power outlet. The unit will automatically power on and perform a self-check.
- **Power Off:** Unplug the unit from the power outlet.

5.2 Automatic Cleaning Cycle

The ZeaCotio ZS-02 is designed to automatically clean after your cat uses it. The sensors detect when your cat enters and exits the unit, initiating a cleaning cycle after a preset delay (adjustable via the app).

5.3 Manual Cleaning Cycle

You can initiate a cleaning cycle manually using the control panel buttons on the unit or through the mobile application.

5.4 App Control

Download the dedicated ZeaCotio app from your smartphone's app store. Follow the in-app instructions to connect your litter box. The app allows you to:

- Monitor litter box usage and status.
- Initiate manual cleaning cycles.

- Adjust cleaning delay times.
- Receive notifications (e.g., waste bin full).
- Access event logs and statistics.



The ZeaCotio ZS-02 integrates with a smart mobile application, allowing users to monitor and control the litter box remotely. This image shows a cat using the unit, while the app interface on the phones highlights features like cleaning cycles, usage tracking, and settings adjustments.



The mobile application provides comprehensive control and monitoring capabilities, allowing users to manage their ZeaCotio ZS-02 litter box conveniently from their smartphone.

5.5 Litter Compatibility

The ZeaCotio ZS-02 is compatible with various types of clumping cat litter. Two different filter screens are included to accommodate different litter particle sizes:

- **Fine Filter Screen:** Ideal for fine-grained clumping litters like bentonite.
- **Coarse Filter Screen:** Suitable for larger particle litters such as tofu or plant-based litters.



The ZeaCotio ZS-02 is designed to work with all types of clumping cat litter. This diagram illustrates the two included filter screens, one for fine-grained litter and another for larger, more coarse litter, ensuring compatibility with plant-based, bentonite, tofu, and mixed litters.

6. MAINTENANCE

Regular maintenance ensures the longevity and hygienic operation of your ZeaCotio ZS-02.

6.1 Emptying Waste Bin

The waste collection box should be emptied regularly, typically every 7-15 days for a single cat, depending on

usage. The app will notify you when the bin is full.

1. Unplug the unit from the power outlet.
2. Pull out the waste collection box from the bottom of the unit.
3. Remove the sealed garbage bag and dispose of it.
4. Install a new garbage bag in the waste collection box.
5. Slide the waste collection box back into the unit until it clicks into place.
6. Plug the unit back in.



The ZeaCotio ZS-02 features a patent-designed quick clean system. This image shows a user effortlessly removing the waste collection bin and preparing it for disposal, simplifying the maintenance routine.

6.2 Cleaning the Unit

Perform a deep clean of the unit periodically (e.g., monthly or as needed).

1. Unplug the unit.
2. Empty all litter from the roller drum.
3. Remove the roller drum and other removable components as shown in the exploded view.
4. Clean all parts with a mild detergent and water. Avoid abrasive cleaners or harsh chemicals.

5. Ensure all components are completely dry before reassembling.
6. Wipe down the exterior of the unit with a damp cloth.

6.3 Replacing Filters

The air filter within the ventilation system should be checked and replaced every 1-3 months, depending on usage and household odor levels, to maintain effective odor control.

7. TROUBLESHOOTING

If you encounter issues with your ZeaCotio ZS-02, refer to the table below for common problems and solutions.

Problem	Possible Cause	Solution
Unit not powering on	Power cord not connected; Power outlet issue	Ensure power cord is securely plugged in; Try a different outlet.
Drum not rotating / Cleaning cycle not starting	Waste bin full; Unit on uneven surface; Cat detected inside; Litter level too high/low; Obstruction	Empty waste bin; Relocate unit to a level surface; Ensure no cat is inside; Adjust litter level; Check for obstructions in the drum.
Odor persists	Waste bin full; Air filter needs replacement; Unit needs deep cleaning; Poor quality litter	Empty waste bin more frequently; Replace air filter; Perform a deep clean; Use high-quality clumping litter.
Litter leakage	Waste bag not installed correctly; Overfilled litter; Damaged drum seal	Ensure waste bag is properly secured; Do not overfill litter; Contact support if drum seal is damaged.
App connectivity issues	Wi-Fi signal weak; Incorrect network settings; App outdated	Ensure strong Wi-Fi signal; Reconfigure network settings in app; Update app to latest version.

8. SPECIFICATIONS

Feature	Detail
Model Number	ZS-02
Brand	ZeaCotio
Type	Automated Self-Cleaning Litter Box
Dimensions (L x W x H)	20.65 x 22.43 x 22.43 inches
Weight	35.4 pounds
Material	Plastic
Target Audience	House Cats
Litter Compatibility	All clumping litter types
Safety Features	10 Safety Sensors (Anti-Pinch, Gravity, Hatch Detection)

Feature	Detail
Odor Control	Smart Ventilation System with Air Duct
Connectivity	Mobile App Control

9. WARRANTY AND SUPPORT

ZeaCotio products are manufactured with high-quality standards. For information regarding warranty coverage, technical support, or service inquiries, please refer to the warranty card included with your product or visit the official ZeaCotio website. Please have your model number (ZS-02) and purchase information ready when contacting support.