

PET MARVEL PET-145-TOI-WHT

Pet Marvel Self-Cleaning Automatic Litter Box User Manual

Model: PET-145-TOI-WHT

1. INTRODUCTION

The Pet Marvel Self-Cleaning Smart Automatic Cat Litter Box is an advanced solution designed to simplify cat waste management. This innovative system provides a clean and hygienic environment for your feline companion while significantly reducing the need for manual cleaning.

Equipped with smart automatic cleaning technology, the litter box features built-in sensors that detect when your cat has finished using the unit. This triggers an efficient cleaning process, scooping and depositing waste into a separate compartment, ensuring a fresh and odor-free litter bed for continuous use.

2. SAFETY INFORMATION

Please read all safety instructions carefully before operating the device.

- This product must be operated strictly in accordance with the instructions provided in this manual. Any actions outside of these guidelines may lead to device malfunction or damage.
- Ensure the power adapter is correctly connected to a suitable power outlet. Do not use damaged power cords or adapters.
- Keep the device away from water or excessive moisture to prevent electrical shock.
- Do not allow children or pets to play with the device or its components.
- Ensure the litter box is placed on a stable, level surface.
- Do not attempt to disassemble or repair the unit yourself. Contact qualified service personnel for assistance.
- Regularly check for any obstructions or foreign objects within the litter box that could impede its operation.

3. PRODUCT OVERVIEW

The Pet Marvel litter box integrates advanced features for convenience and hygiene. Key components include the main unit, waste collection drawer, litter chamber, and control panel.

3.1 Key Features

- **APP Control & Monitoring:** Manage and monitor the litter box remotely via a dedicated smartphone application.
- **Care Security System:** Multiple safety features, including gravity sensors and an active subject detector, ensure pet safety during operation.
- **Low Noise Operation:** Operates at a quiet level of 46dB, minimizing disturbance to your pet and household.
- **Self-Cleaning & Scoop-Free:** Automatically cleans after each use, eliminating the need for manual scooping.
- **Large Inner Space & Odor Removal:** Spacious 60L capacity accommodates cats up to 8kg and features ozone deodorization for effective odor control.
- **OLED Touch Panel:** Provides easy status checks and manual operation directly on the unit.

3.2 Product Components and Features Visuals



Figure 3.2.1: The Pet Marvel automatic litter box in white, with a cat comfortably sitting inside the entrance. This image highlights the compact design and the spacious entry point for pets.



Figure 3.2.2: A user is shown interacting with the Pet Marvel litter box via a smartphone app, demonstrating the remote control capabilities. The image also indicates support for panel control and highlights the requirement for 2.4GHz Wi-Fi and Bluetooth for initial connection.



Figure 3.2.3: This image illustrates the advanced safety features of the litter box, including an active subject detector that senses movement, integrated gravity sensors for weight detection, and a safety lock mechanism to prevent accidental operation.

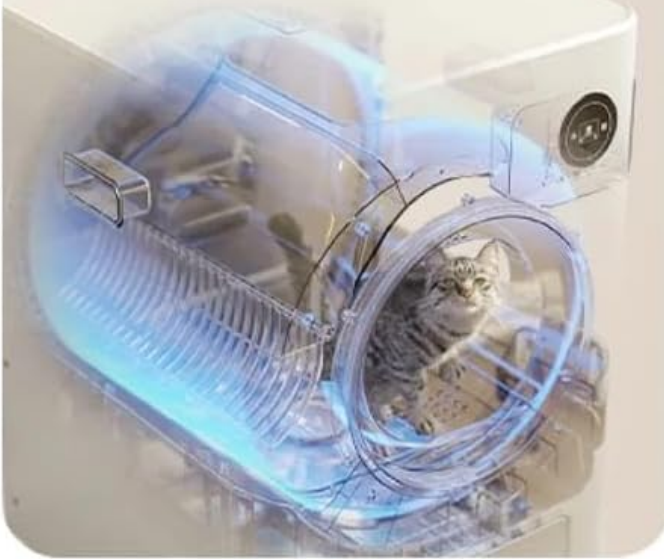
10 dB – 30 dB – **46 dB** – 60 dB
Breathing Whispering Smart cat toilet operation Speaking loudly

The Quietest level of 46dB noise won't frighten your cats.

Figure 3.2.4: A composite image showcasing four key benefits: the spacious 60L capacity, the ozone-based odor removal system, the convenience of app control and monitoring, and the efficient self-cleaning and scoop-free operation.

60L LARGE CAPACITY

Fits cats 3.5-18 lbs
and older than 6 months.



REMOVE ODOR BY OZONE

Keep fresh at any time.



SELF CLEANING & SCOOP FREE

Auto cleans after
cat leaves the litter box.



APP CONTROL & MONITORING

Allows you to control the
cat litter box at anytime
and anywhere.



Figure 3.2.5: A cat is shown resting on top of the litter box, emphasizing its stable design. The image highlights the low noise level of 46dB during operation, ensuring it won't startle or disturb pets.

For all kinds of clumping cat litter



Figure 3.2.6: This image demonstrates the compatibility of the Pet Marvel litter box with various types of clumping cat litter, including clay, mixed, tofu, and clumping clay, offering flexibility for pet owners.

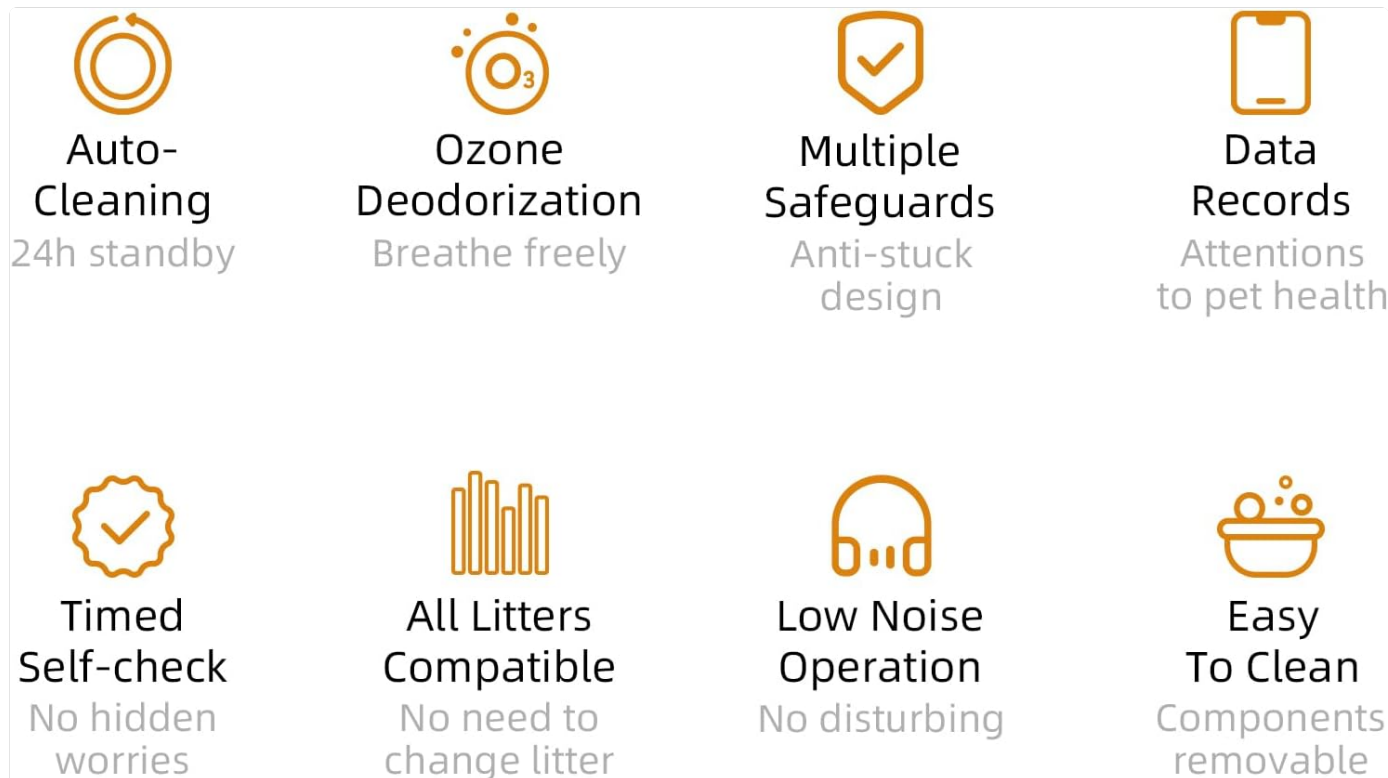


Figure 3.2.7: A visual summary of the litter box's benefits, presented with icons: 24h standby auto-cleaning, ozone deodorization for fresh air, multiple anti-stuck safeguards, data records for pet health, timed self-check, compatibility with all litter types, low noise operation, and easy-to-clean removable components.

4. SETUP

4.1 Unpacking and Placement

1. Carefully remove the litter box and all accessories from the packaging. Retain packaging for future transport or storage.
2. Place the unit on a firm, level, and dry surface in a well-ventilated area, away from direct sunlight or heat sources. Ensure there is enough space around the unit for easy access and maintenance.

4.2 Power Connection

1. Connect the provided power adapter to the power input port on the back of the litter box.
2. Plug the power adapter into a standard electrical outlet.

4.3 Filling the Litter Chamber

1. Open the top lid or access panel to the litter chamber.
2. Pour clumping cat litter into the chamber, ensuring it does not exceed the maximum fill line (Max Cat Litter Capacity: 4.3L). Refer to Figure 3.2.6 for compatible litter types.
3. Close the lid securely.

4.4 App Download and Initial Connection

1. Download the official Pet Marvel app from your smartphone's app store (iOS or Android).
2. Ensure your smartphone is connected to a 2.4GHz Wi-Fi network. 5GHz networks are not supported.
3. Enable Bluetooth on your smartphone for the initial connection process.

4. Follow the in-app instructions to pair your litter box with your smartphone. This may involve pressing a button on the unit or scanning a QR code.

5. OPERATING INSTRUCTIONS

5.1 Automatic Operation

Once set up and powered on, the Pet Marvel litter box operates automatically. The built-in sensors detect when your cat enters and exits the unit. After a set delay (configurable via the app), the self-cleaning cycle will initiate, sifting the litter and depositing waste into the sealed drawer.

5.2 Manual Operation (OLED Touch Panel)

The OLED touch panel on the unit provides quick access to status information and manual controls:

- **Status Display:** View current status, such as cleaning cycle in progress, waste drawer full, or error codes.
- **Manual Clean:** Press the designated button to initiate a cleaning cycle manually.
- **Empty Litter:** Use this function to empty the entire litter chamber for deep cleaning or litter replacement.

5.3 App Control Functions

The Pet Marvel app offers comprehensive control and monitoring capabilities:

- **Remote Cleaning:** Start a cleaning cycle from anywhere.
- **Scheduled Cleaning:** Set custom cleaning schedules.
- **Usage Tracking:** Monitor your cat's litter box usage patterns and frequency.
- **Health Reports:** Access data records related to your cat's habits, which can be useful for health monitoring.
- **Notifications:** Receive alerts for full waste drawers, low litter levels, or system errors.
- **Settings:** Adjust various parameters, including delay before cleaning, odor control intensity, and safety settings.

5.4 Waste Drawer Management

1. When the waste drawer is full, the app will send a notification, and the unit's display may indicate this.
2. Carefully pull out the waste drawer from the front of the unit.
3. Dispose of the waste in a sanitary manner.
4. Replace the waste drawer firmly back into the unit until it clicks into place.

6. MAINTENANCE

6.1 Regular Cleaning

For optimal performance and hygiene, regular cleaning of the litter box is recommended. Many components are removable for easy cleaning.

- **Waste Drawer:** Empty and clean the waste drawer regularly, ideally every few days or when notified by the app. Use mild soap and water, then dry thoroughly.
- **Litter Chamber:** Periodically empty all litter and wipe down the inside of the chamber with a damp cloth and mild,

pet-safe cleaner. Ensure it is completely dry before refilling with fresh litter.

- **Exterior:** Wipe the exterior surfaces with a soft, damp cloth as needed.
- **Sensors:** Gently wipe the sensor areas (e.g., active subject detector, gravity sensors) to ensure they remain free of dust or debris, which could affect their accuracy.

6.2 Litter Type Compatibility

The Pet Marvel litter box is designed to work with all kinds of clumping cat litter. For best results, use high-quality clumping litter that forms solid clumps to ensure efficient sifting and waste removal. Avoid non-clumping or crystal litters as they may not be compatible with the automatic sifting mechanism.

6.3 Odor Removal System

The unit features an ozone deodorization system to effectively remove unpleasant odors. Ensure the system is active via the app settings for continuous odor control. No specific maintenance is required for the ozone generator itself, but keeping the unit clean will enhance its effectiveness.

7. TROUBLESHOOTING

If you encounter issues with your Pet Marvel litter box, please refer to the following common problems and solutions. For more complex issues, consult the in-app diagnostics or contact customer support.

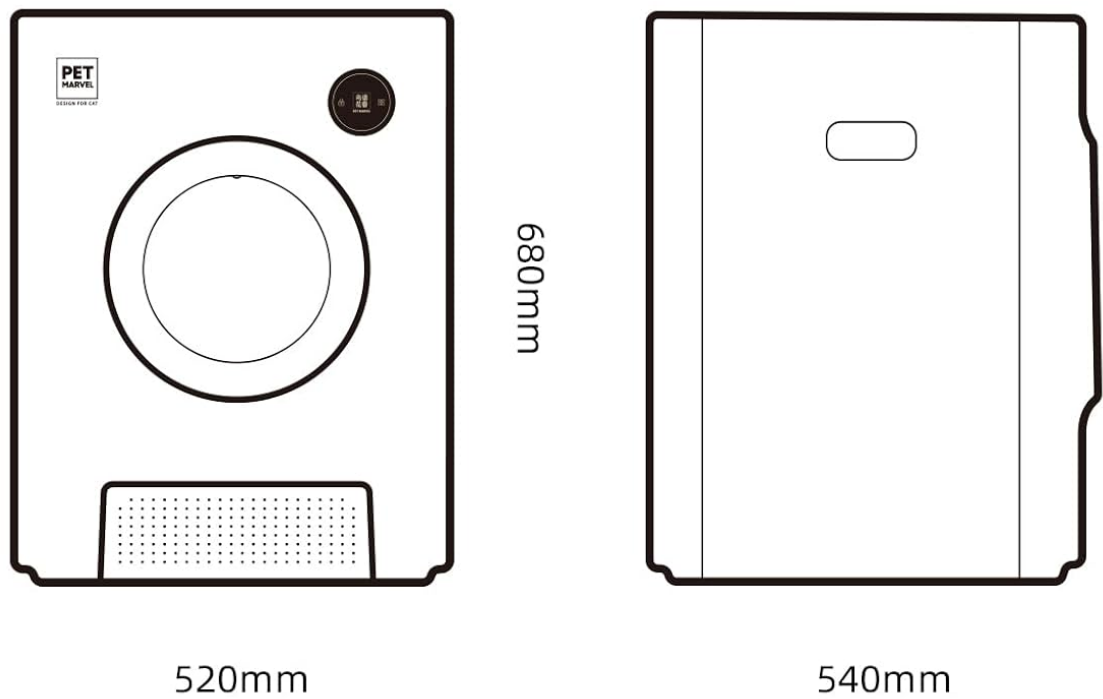
Problem	Possible Cause	Solution
Unit not powering on.	Power cord disconnected; power outlet issue.	Check power cord connection; try a different outlet.
Cleaning cycle not starting automatically.	Sensors obstructed; cat still in unit; waste drawer full.	Clean sensors; ensure cat has exited; empty waste drawer.
App connectivity issues.	Incorrect Wi-Fi band (5GHz); weak Wi-Fi signal; Bluetooth off.	Ensure 2.4GHz Wi-Fi; move unit closer to router; enable Bluetooth for initial setup. Re-pair if necessary.
Litter not clumping properly or sticking.	Incorrect litter type; high humidity.	Use high-quality clumping litter; ensure proper ventilation in the room.
Odor persists despite deodorization.	Waste drawer full; unit needs cleaning; ozone system off.	Empty waste drawer; perform thorough cleaning; check ozone setting in app.
Unusual noises during operation.	Obstruction in mechanism; worn parts.	Check for and remove any foreign objects. If noise persists, contact support.

8. SPECIFICATIONS

Detailed technical specifications for the Pet Marvel Self-Cleaning Automatic Litter Box:

Parameters

Specifications



	Name	Pet Marvel [Magic Cube] Smart Cat Toilet
	Size	520*540*680(mm)
	Color	White
	Material	ABS、PP
	Weight	About 14.5kg
	Rated voltage	12VDC

*The picture is for reference only, and the product is subject to the actual display.

Figure 8.1: Dimensional diagram of the Pet Marvel Smart Cat Toilet, showing its height (680mm), width (520mm), and depth (540mm).

Attribute	Value
Brand	PET MARVEL
Model Number	PET-145-TOI-WHT
Product Dimensions (L x W x H)	52 x 54 x 68 cm
Net Weight	14.4 kg
Color	White
Material	Acrylonitrile Butadiene Styrene (ABS), Polypropylene (PP)

Attribute	Value
Drawer Capacity	8L
Max Cat Litter Capacity	4.3L
Power Voltage	12 Volt DC
Power Rating	15W
Noise Level	<50dBA (typically 46dB during operation)
Connectivity	Wi-Fi (2.4GHz only), Bluetooth
Specific Uses	Indoor
Pet Life Stage	All Life Stages

9. WARRANTY & SUPPORT

For warranty information, technical support, or service inquiries, please contact Pet Marvel customer service through the following channels:

- Refer to the contact information provided in the product packaging or on the official Pet Marvel website.
- Utilize the support features within the Pet Marvel mobile application.
- Keep your purchase receipt or proof of purchase for warranty claims.

Please note that the warranty typically covers manufacturing defects and does not cover damage caused by misuse, accidents, or unauthorized modifications.

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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