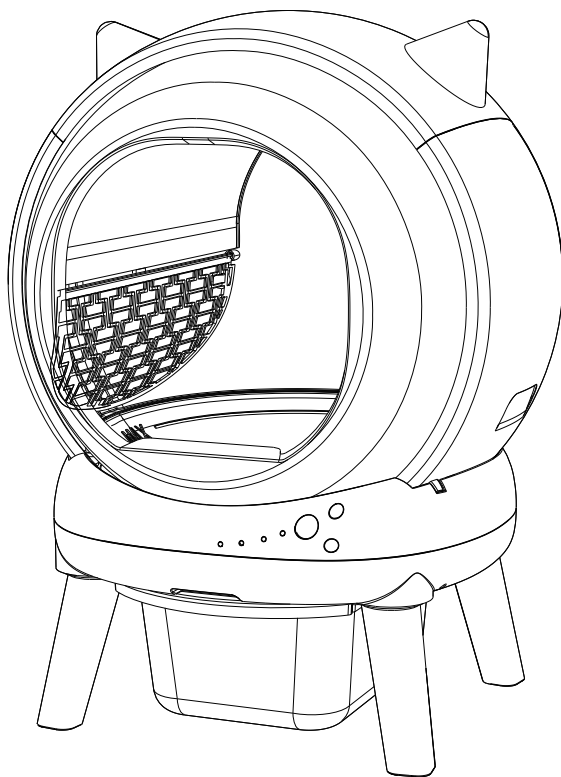




User Guide





Cat Litter Box

For important safety and warranty information, please refer to the User Guide.

www.elspet.com

Cat Litter Box

Here are some helpful tips to help your cat transition to using the litter box.

- Place the new litter box in the same location as the old one, fill it with litter, and ensure that the power is turned off. Give your cat one or two days to explore the new litter box.

If your cat shows no interest, try attracting it with catnip or its favorite treats.

- Add some litter from the old litter box into the new one to provide a familiar scent.
- Place food around the litter box so your cat begins to associate the litter box with positive reinforcement.
- Once you notice your cat using the new litter box, you may turn on the power to enable automatic cleaning. Encourage your cat to observe this process, helping it become familiar with the sounds of the new litter box. You can comfort your cat during this time. Once the cycle is complete, turn off the machine again. Avoid cleaning the old litter box during this transition period.
- If your cat hasn't used the new litter box within a few days, continue placing its usual brand of litter in the old box and avoid cleaning it for as long as possible.

Because cats prefer a clean litter box, a dirty litter box may encourage them to switch to the cleaner new one.

- When your cat starts using the new litter box and loses interest in the old one, congratulations! Your cat is now ready to use the automatic litter box.

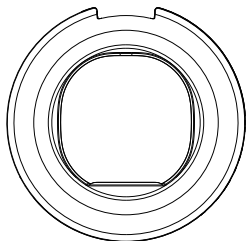
How to guide your cat to accept the automatic litter box

Safety Instructions

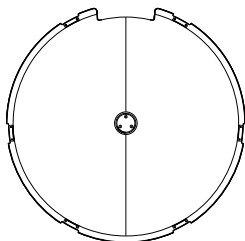
- Check the product package to ensure all accessories are included.
- Never allow children to use this device.
- Always place the device on a firm, level surface. Avoid soft, uneven, or unstable surfaces, as this may affect the accuracy of device detection.

If using a litter mat or rug, place it in front of the device. Never place the mat partially under the device.
- Place the product in a stable, indoor, cool, and dry location, avoiding direct sunlight to prevent component aging.
- This device is not suitable for outdoor use. Place the product in a well-ventilated, dry environment with a temperature between 4°C and 40°C, and a relative humidity below 90%, away from corrosive gases.
- Never place other objects on top of the device to avoid interfering with its normal operation.
- Always unplug the device before performing any maintenance.
- When moving the product, handle it with care and avoid dragging it.
- It is recommended to use small-particle mixed cat litter. When not in use, promptly empty both the chamber and the waste bin. Avoid immersing the machine in water, and avoid placing it in areas where it may be exposed to splashes.
- Ensure that your cat weighs over 2.2lb. This helps prevent potential accidents due to the sensors misidentifying your cat.
- Only use official accessories to prevent damage to the device.
- If a malfunction occurs and the device becomes unusable, please refer to the troubleshooting guide. If the issue cannot be resolved, contact our customer support. We will respond as soon as possible upon receiving your inquiry.
- This product contains a weight sensor at the bottom. During transport, be sure to lift and place it gently.

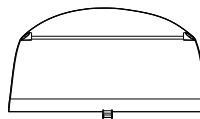
Parts List:



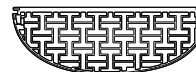
Front half of the ball chamber



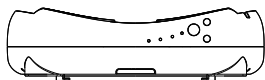
Rear half of the ball chamber



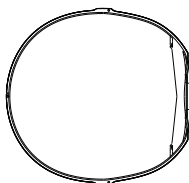
Baffle



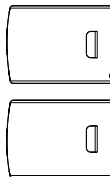
Sieve mesh



Main unit base



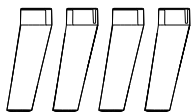
Protective mat



Top cover



Waste box



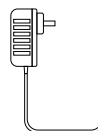
Support legs



Decorative ears



Shaft support



Power cord



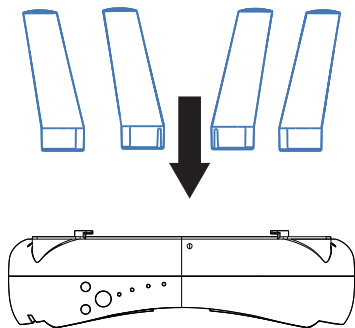
Trash bag

Required Tools:

- Wireless router (2.4 GHz)
- High-speed internet connection
- Smartphone

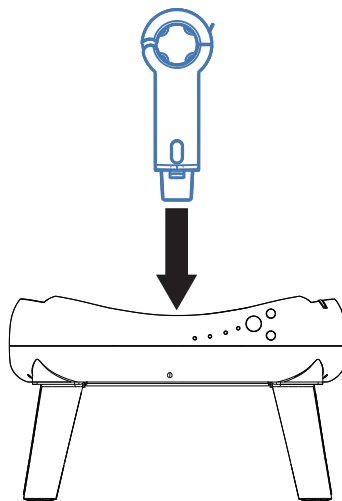
Litter Box Installation Steps

1 Assemble the base



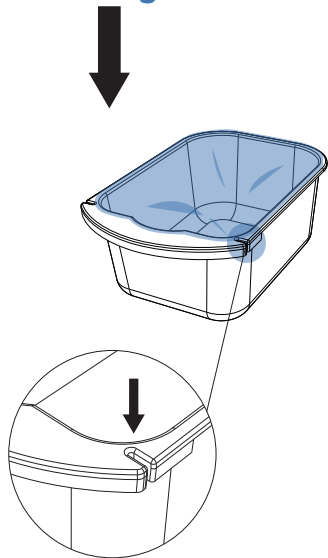
Turn the base upside down and place it on the floor or another flat surface. To prevent scratches to the top of the base, you may place a plastic bag underneath it. Next, insert the table legs into the four corner holes at the bottom of the base. After assembling, gently shake each leg to ensure it is fully and securely inserted.

2 Assemble the shaft support



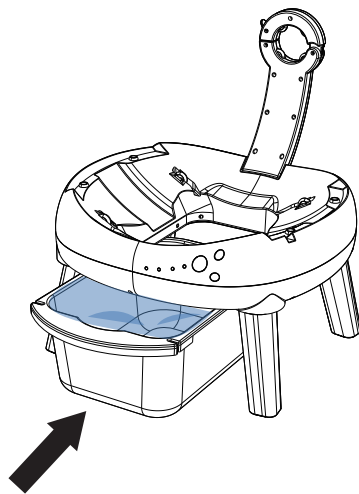
Turn the base right-side up and lay it flat on the floor. Ensure the base is stable and level, with no wobbling. If any wobbling occurs, adjust the table legs accordingly, and then insert the shaft support into the slot at the rear of the base.

3 Line the waste box with a trash bag



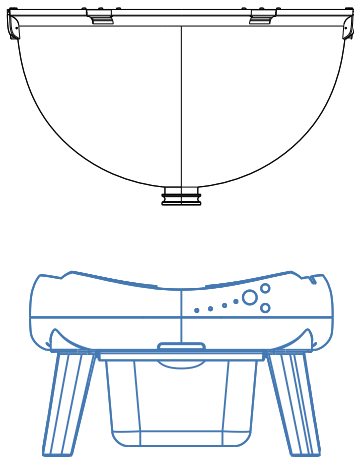
Line the waste box with the designated trash bag. Secure the edge of the trash bag into the slot located at the front of the waste box.

4 Assemble the waste box.

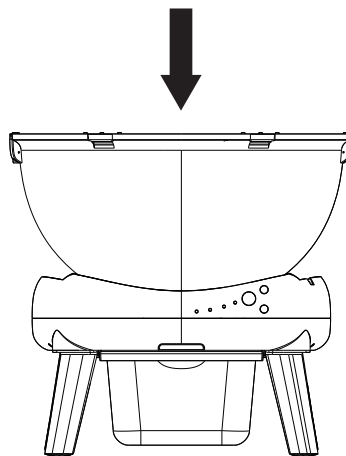


Then, insert the waste box into the main unit base.

5 Fix the rear section of the roller drum

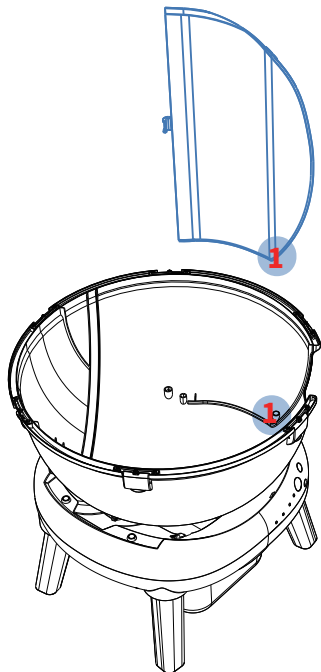


Place the assembled base on a flat, level surface.

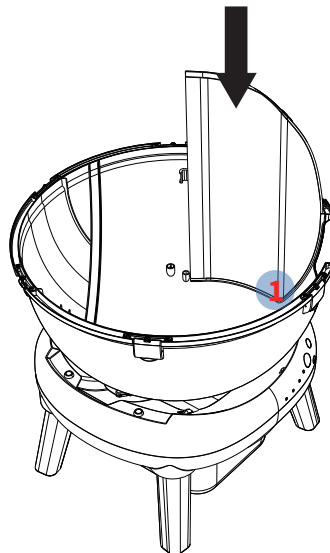


Place the rear half of the ball chamber onto the base.

6 Assemble the baffle

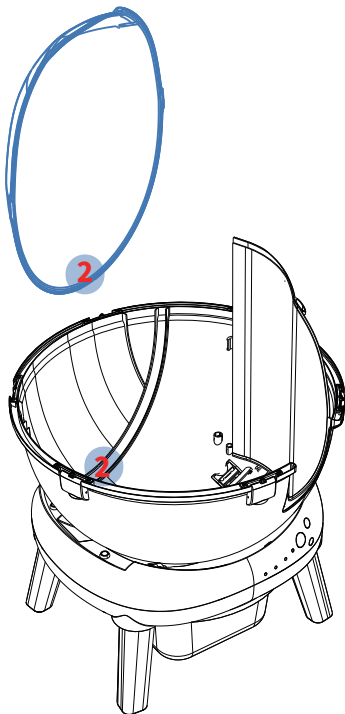


Take out the baffle
Locate the position marked "1" on the
baffle and the position marked "1" on the
rear half of the ball chamber.

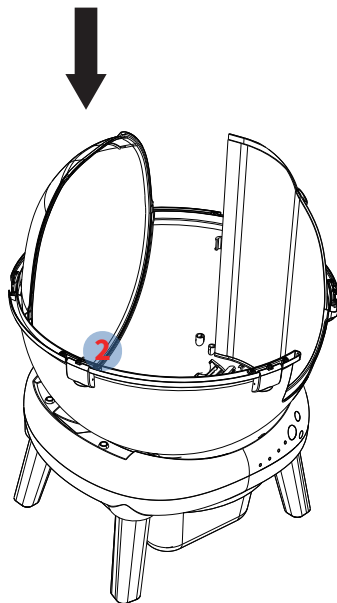


Align the slot marked with label "1" and secure it tightly.
Insert the baffle into the rear half of the ball chamber.
Note: Ensure the baffle is positioned behind the inner edge
of the ball chamber. Otherwise, litter may leak out easily.

7 Assemble the protective mat

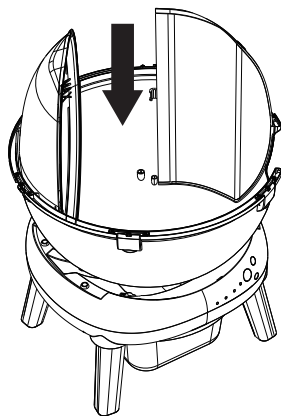
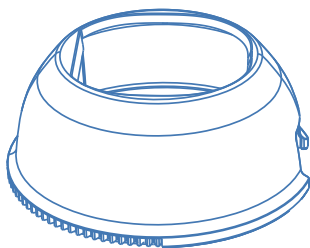


Take out the protective mat
Align the "2" label on the protective mat
with the "2" label on the rear half of the
ball chamber.

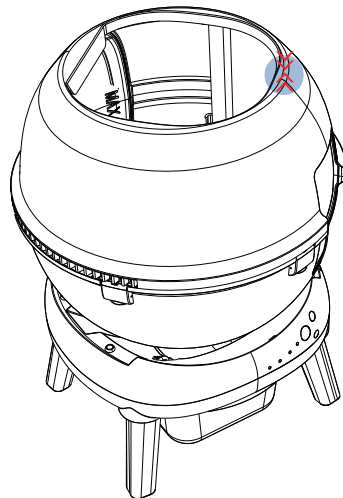
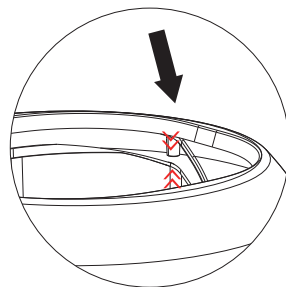


Align with label "2".
Insert the silicone pad into the rear half of the
ball chamber.
Note: Ensure the protective mat is secured
behind the inner edge of the ball chamber.

8 Connect the front and rear halves of the ball chamber

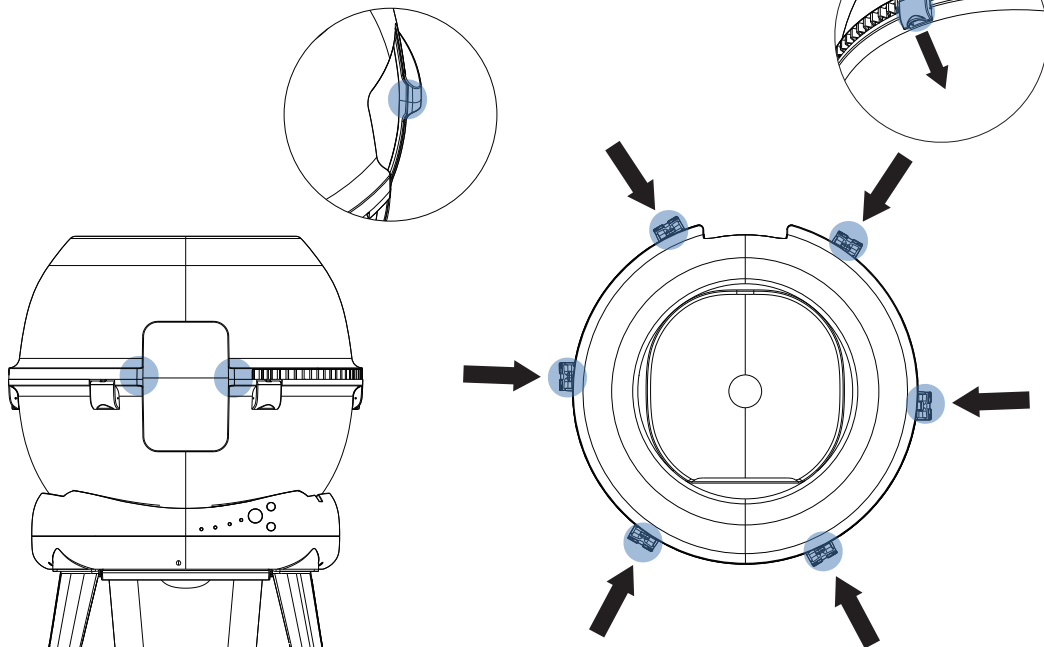


Place the front half of the ball chamber onto the rear half. Make sure the cutouts at the connection point of the front and rear chambers are properly aligned.



Locate the label marked " ∞ " at the other end of the baffle (visible from the top), and the label " ∞ " inside the front half of the drum. Then align both with the slot labeled " ∞ " and press to lock them into place.

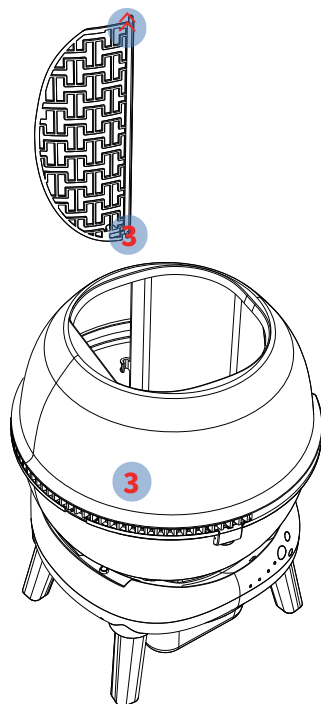
9 Connect the front and rear halves of the ball chamber



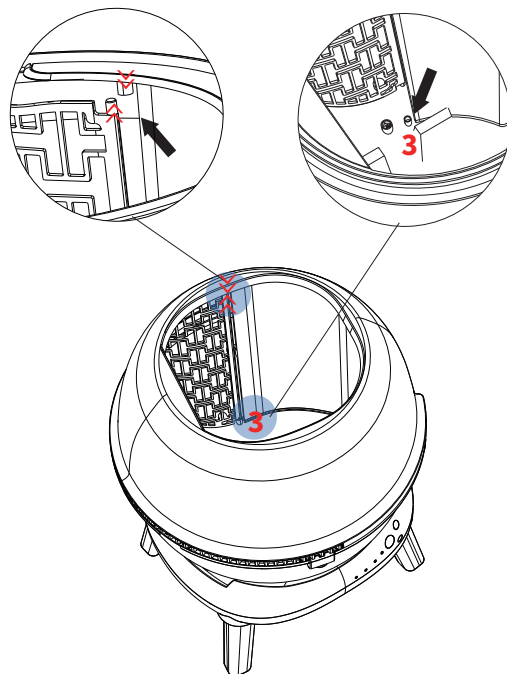
Locate the side opening and align the front and rear halves of the ball chamber. Once aligned, press them together firmly, then close the front and rear sections of the drum.

Secure the six clips around the outer ring of the ball chamber in sequence. Lift each clip to hook it onto the connecting shaft, then press it downward to lock it into place. You will hear a "click" when it is properly fastened. Check that all clips are securely latched with no looseness, as improper assembly may affect the product's performance.

10 Assemble the sieve mesh

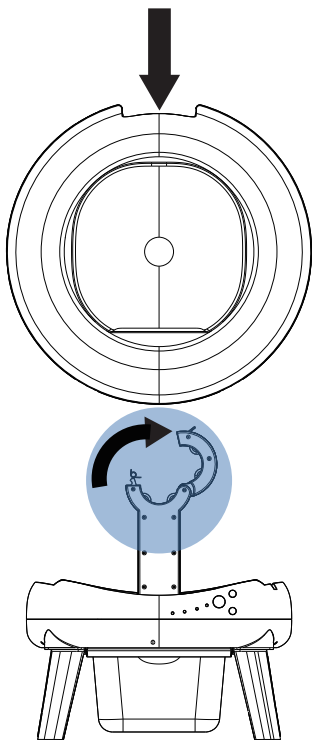


Remove the sieve mesh
Locate label "3" on the side of the sieve
screen and match it with label "3" inside
the ball chamber.

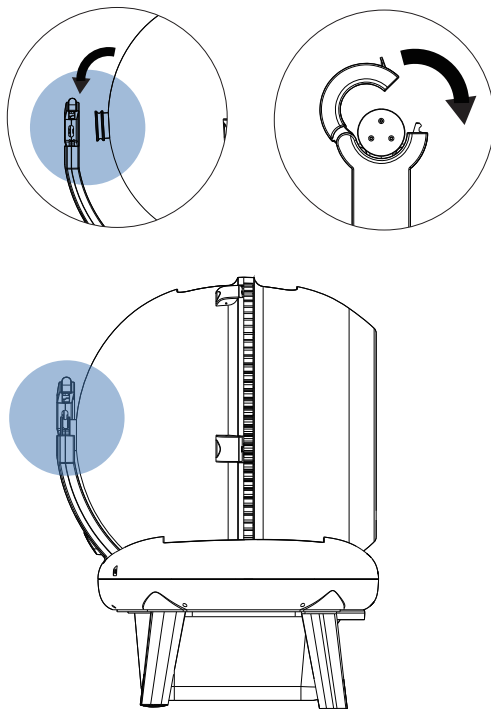


First, attach the sieve's magnetic port facing
inward and connect it into place.
Then, align it with the hole marked "3" and snap
it firmly into position.
Locate the outer end of the sieve where there is an arrow
indicator,
then gently bend the sieve slightly and insert it into the hole.

11 Assemble the ball chamber



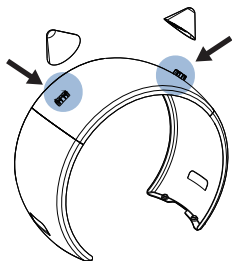
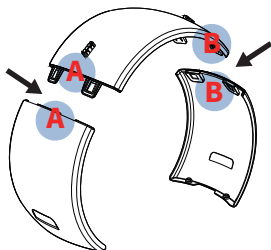
Open the latch on the shaft support at the back of the base, and place the assembled ball chamber onto the base.



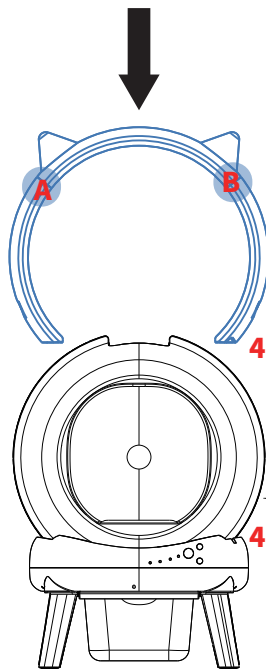
Align the round knob on the back of the ball chamber with the open shaft support, then lower the ball chamber into the base. Finally, close the latch to secure it.

Note: Do not reverse this order, as incorrect assembly may occur.

12 Connect the top cover



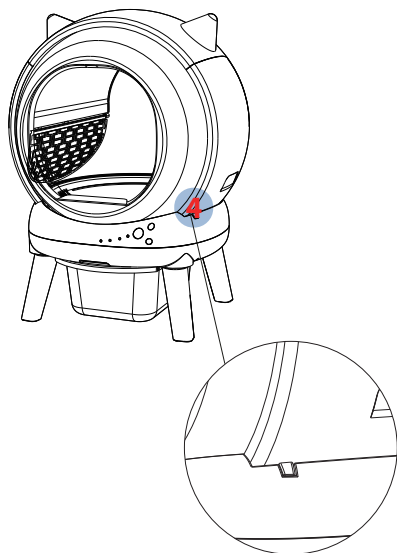
Remove the three top covers
Connect the numbered interface
points in sequence, and then
install the two decorative ears.



Then install the top cover onto the base,
with the number "4" label positioned on the
right side.

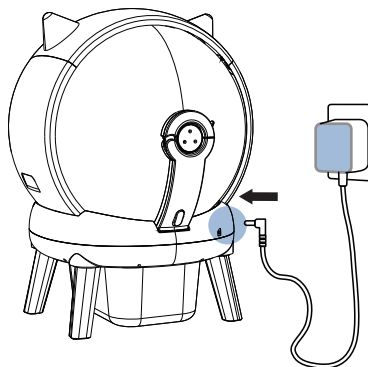
Note: Gently spread the top cover slightly with
both hands
to avoid scratching the surface of the sphere.

13 Assemble the top cover



When installing the top cover, ensure it is oriented correctly (left and right not reversed). There is a foolproof mechanism on the right side of the unit to assist with proper alignment.

14 Power on the machine

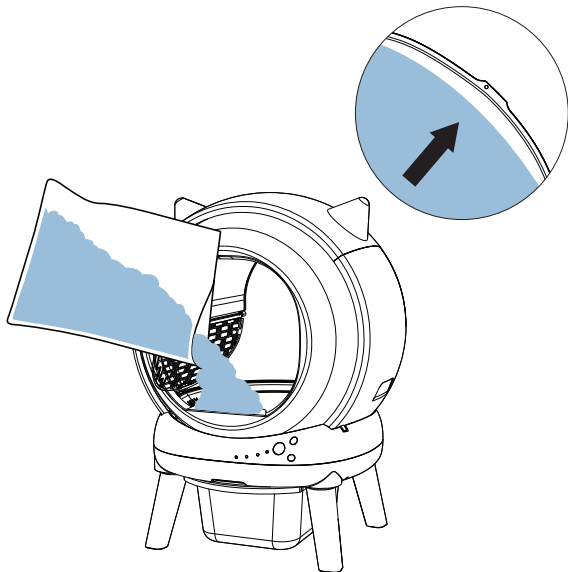


Place the fully assembled unit on a dry, level surface near a power outlet and within your home Wi-Fi coverage area. Connect the power adapter to the socket on the back of the main unit base.

Once powered on, the unit will automatically begin a self-check. The ball chamber will rotate several times and return to its starting position, indicating that the self-check is complete. This process takes approximately 2 minutes.

Important: To protect kittens, it is strongly recommended to enable "Kitten Mode" until your cat weighs at least 1 kg and is 6 months old. After that, you may use the automatic cleaning mode as normal.

Add cat litter before first use



1. Add an appropriate amount of cat litter to the litter box. Do not exceed the indicated boundary.
2. Press and hold the "Clean" button for 3 seconds. The display will show "A".
3. When the "A" disappears, the litter weight reset has been completed successfully.

Note: After each addition of cat litter, the litter weight must be reset. Otherwise, the machine may misidentify objects and stop functioning.

Connect the litter box to the app.



1. Scan the QR code to download and install the app. For iPhones, search "elspet" on the App Store. Search "elspet" on Google Play. Search "Xiaoyi Smart" on Tencent's App Store.
2. Open the app, register an account, and follow the on-screen instructions.
3. **Note:** Only 2.4 GHz Wi-Fi is supported. Avoid using special characters in the Wi-Fi password, as this may interfere with connectivity.

Press and hold the Wi-Fi button on the litter box for 3 seconds to enter pairing mode. The Wi-Fi indicator will begin flashing. Follow the app instructions to add the litter box. Once successfully connected, the Wi-Fi indicator will remain steadily lit.

Operating Instructions

Once the litter box is connected to the app, it's ready for use. The operation method is as follows:

- When your cat enters the litter box, the built-in weight sensor detects its presence. If the sensor detects a weight change of more than 1 kg, the "Cat Entry Indicator" will turn on.
- When your cat enters the ball chamber and stays for more than 8 seconds, then exits, the "Cat Detection" indicator light will begin flashing, indicating the litter box has automatically entered the clumping standby mode.
- The clumping delay is designed to give the litter sufficient time to absorb moisture and form solid clumps. You can adjust this delay in the app based on the type of litter you're using. Default delay: 2 minutes
If the cat enters the litter box again during this period, the timer will reset.
- Once the set time elapses, the cleaning cycle will begin and will last approximately 2 minutes.
- During this time, if your cat enters the litter box, the unit will pause operation due to the weight detection. Automatic cleaning will resume 5 seconds after the cat exits.
To pause the cleaning cycle manually, press the cleaning button. The digital display will show **"0"**.

Operation Mode

Kitten Protection

The system uses weight sensors to detect whether a cat has entered the litter box. If your cat weighs less than 1 kg or is particularly curious, we recommend enabling Kitten Mode. In this mode, the litter box will not clean automatically; cleaning must be initiated manually. Please press the Clean button after the cat has left.

Anti-Jamming Protection

To better ensure your cat's safety, the litter box will automatically stop operation when the weight sensor detects a change exceeding 1 kg.
We have added infrared sensors at the waste outlet. If your cat curiously pokes its head into the waste outlet during the cleaning cycle, the ball chamber will immediately stop rotating and return to its maximum open position to prevent injury. Once the system detects that your cat has left for 5 seconds, the cleaning cycle will automatically resume.

Sleep mode

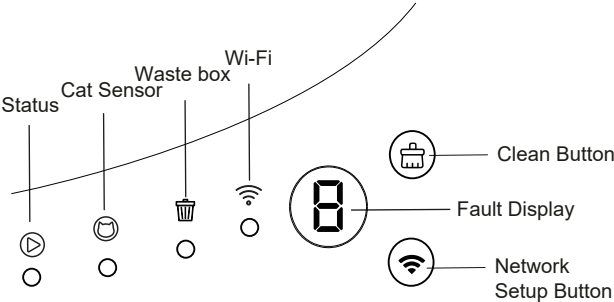
To enjoy a quiet sleep, we recommend enabling sleep mode.
When Sleep Mode is enabled, the digital display shows **"P"**. The litter box remains powered on but does not clean automatically after use; cleaning must be performed manually. When sleep mode ends, the device will enter clean mode for a full clean. The default Sleep Mode schedule is 22:00 to 7:00. You can also adjust this period in the app.

Child Lock Mode

The app allows you to enable Child Lock mode, which disables the control panel buttons to prevent accidental operation. When the Child Lock is enabled, the display will show **"L"**. The buttons will become unresponsive. In case of emergency, you can unplug the power cord directly.
The Child Lock mode will be automatically disabled once the power is cut off.

Button Indicator Light

The indicator lights on the litter box control panel display the system status and enable certain operations:



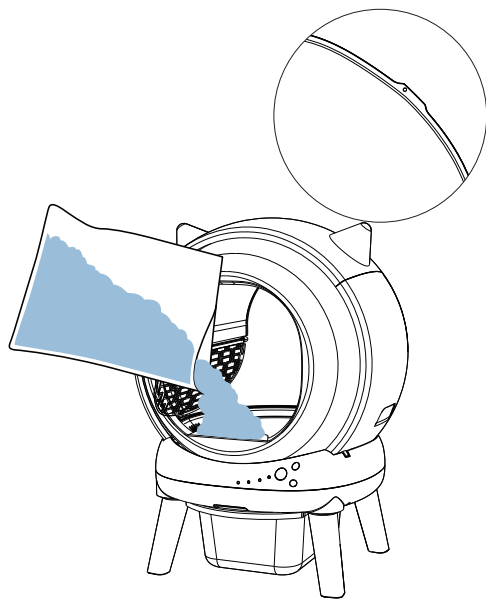
Indicator Light	Content
 Working Status Indicator Light	Steady On - Standby Flashing - Cleaning cycle in progress
 Cat Entry indicator	Off: No cat detected Flashing: Waiting for litter to clump Solid: Cat detected inside
 Waste Box Indicator Light	Off: Waste box is normal Solid: Waste box is full
 Wi-Fi Indicator Light	Off: Not connected to Wi-Fi Flashing: Connecting to network Solid: Successfully connected to Wi-Fi

Fault Display	Content
	Paused during the cleaning process. (In normal operating mode, the display will turn off).
	Resetting the cat litter weight. After adding new cat litter, press and hold the "Clean" button for 3 seconds. Once the weight reset is complete, the display will show "A" for 5 seconds, then turn off.
	The "Child Lock" function is enabled, and the panel buttons are locked.
	"Sleep Mode" is enabled. During the scheduled sleep period, the litter box will not automatically enter the cleaning cycle. However, you can still initiate cleaning manually using the panel button or the mobile app.

Button	Usage Instructions
 Cleaning Button	One-Touch Scoop Function: Tap and hold for 1 second. Manually enter the cleaning cycle; tap again to exit. Reset litter weight: Press and hold for 3 seconds. After adding cat litter, press and hold for 3 seconds to reset the litter weight.
 Pairing Button	Press and hold for 3 seconds to enter Wi-Fi pairing mode.

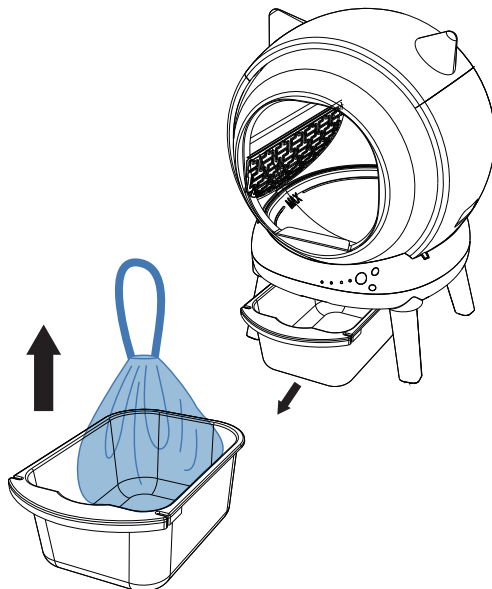
Daily Maintenance and Cleaning

- 1 Reset after daily litter addition.
- 2 Clean the trash bag



1. Add an appropriate amount of cat litter to the litter box.
2. Press and hold the "Clean" button for 3 seconds. The display will show "A".
3. "A". When the display turns off, the litter weight reset has been completed successfully.

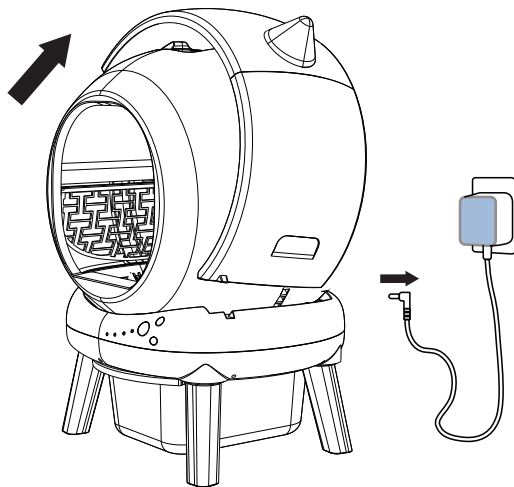
Note: After each addition of cat litter, the litter weight must be reset. Otherwise, the machine may misidentify objects and stop functioning.



Pull out the waste box, then tighten the drawstring, remove the trash bag, and throw it into the waste bin. Line the waste box with a new trash bag, and reinsert it into the main unit base.

Disassembly and Cleaning

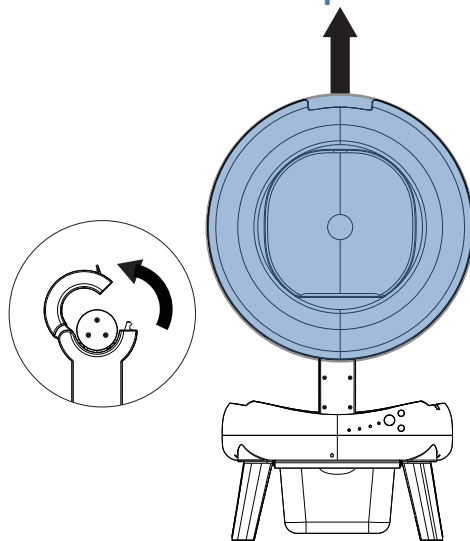
1 Disconnect the power



Unplug the litter box, disconnect the power adapter, and remove the top cover.

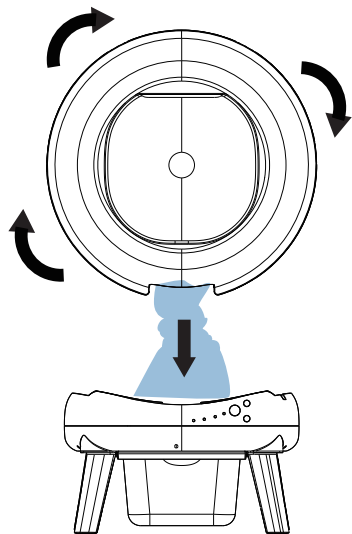
Important Notes: When removing the top cover, gently pull both sides outward, then tilt it backward at an angle to avoid scratching the surface of the ball chamber.

2 Disassemble all components



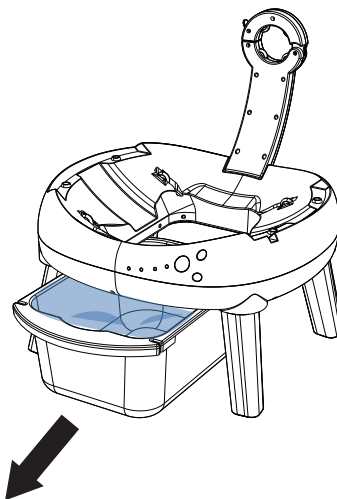
Unlock the latch at the back of the ball chamber, and then lift the ball chamber off the base.

- 3 Remove any residual litter from inside the ball chamber.**



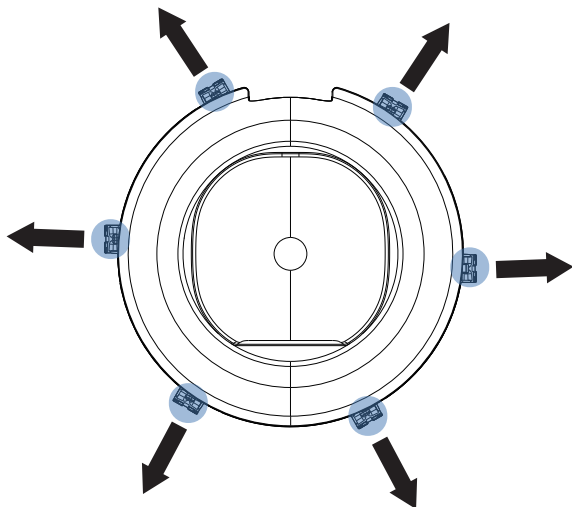
Rotate the ball chamber so that the top outlet faces downward toward the waste box inlet on the base. Pour out any remaining litter.

- 4 Clean the waste box**



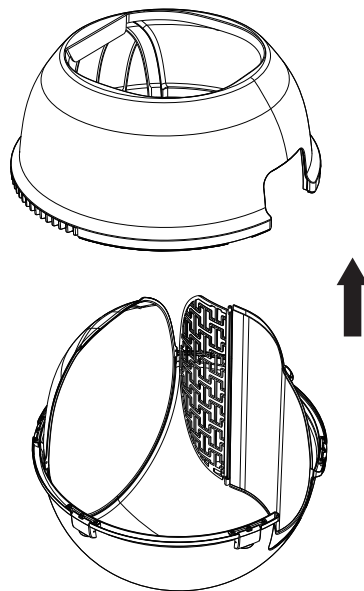
Pull out the waste box, remove the trash bag, and throw it into the waste bin. Line the waste box with a new trash bag, and reinsert it into the main unit base.

5 Disassemble the ball chamber



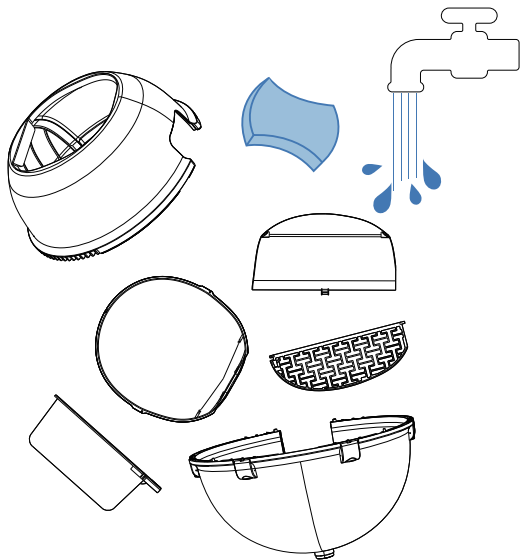
Release the six clips on the outer ring of the ball chamber.

6 Remove components



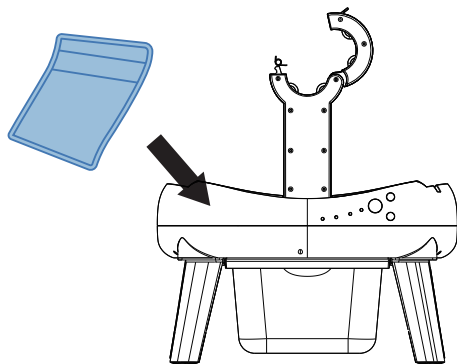
Separate the front and rear halves of the ball chamber and remove the accessories inside.

7 Clean all components thoroughly. 8 Clean the base



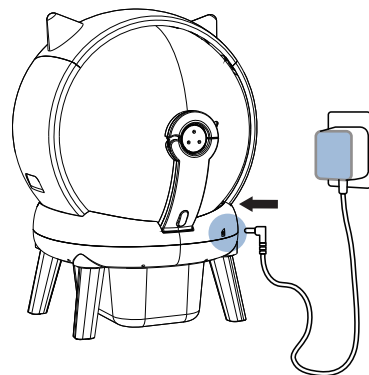
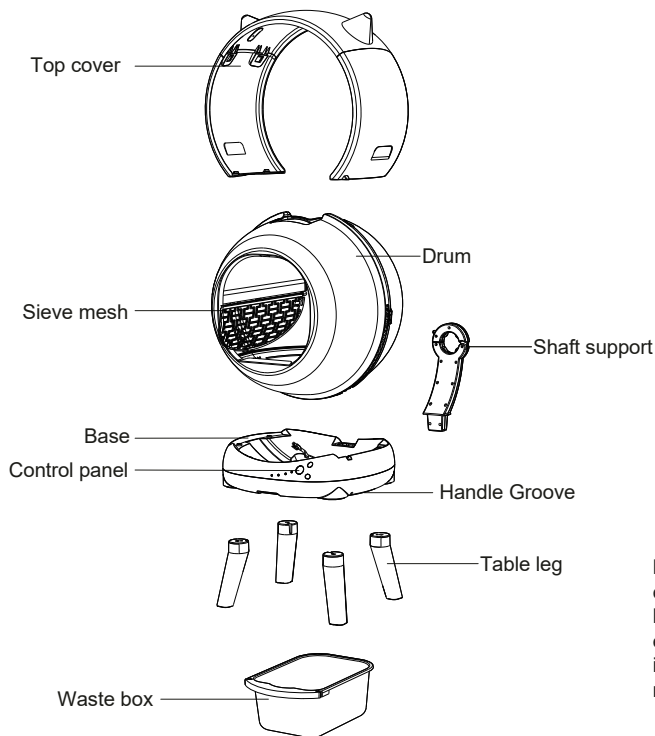
Wash all components with warm, soapy water. Wipe the interior and exterior surfaces with a cloth or sponge.

Important: Do not use bleach or chemical cleaners.



Important: The base houses the litter box's electronic components and is not waterproof. Do not rinse the base directly, immerse it in water, or spray it with any cleaning solutions. Wipe the base with a dry or slightly damp cloth. It is recommended to clean the black dustproof silicone plug at the bottom of the base once every two weeks.

Precautions for Component Assembly



Before reassembling the device, ensure all components are completely dry.

Important Notes: When installing accessories, ensure they match the corresponding instruction labels; incorrect installation may result in component damage.

Troubleshooting Steps

1. Error "1" (Cat Protection Mode)

- (1) Check whether any foreign objects are blocking the waste outlet on the base. (2) Wipe the sensor at the waste outlet with a clean cloth.
- (3) Check whether the body clips are fastened properly and ensure there are no foreign objects.

2. Error "2" (Top Cover Abnormality)

- (1) Check whether there are any foreign objects between the top cover and the base. (2) Check whether the four magnets on the top cover are intact.

3. Error "3" (Motor Abnormality)

- (1) Disconnect the power adapter, wait 30 seconds, and then plug it back in. (2) Check whether any foreign objects are stuck between the ball chamber and the base gear.
- (3) Check whether the ball chamber is properly aligned with the base; the gaps on both sides between the chamber and the base should be even.

4. Error "4" (Ball Chamber Abnormality)

- (1) Disconnect the power adapter, wait 30 seconds, and then plug it back in. (2) Ensure the ball chamber is correctly installed at the designated position, then press the "Clean" button again.

5. After the cat enters, the "Cat Entry Indicator" does not light up.

- (1) Ensure your cat weighs more than 1kg. (2) After the cat leaves the box, press and hold the "Clean" button for 3 seconds. When Indicator A turns off, the weight reset is successful.

6. After the cat exits, clumping does not begin and the "Cat Entry Indicator" does not flash.

- (1) If the cat stays in the litter box for less than 8 seconds, the system does not consider it a valid use.
- (2) Check whether "Kitten Mode" is enabled in the app.

7. No cat is inside the device, but the "Cat Entry Indicator" remains on (litter weight has not been reset).

- (1) Press and hold the "Clean" button for 3 seconds. When Indicator A turns off, the weight reset is successful.
- (2) Be sure to reset the litter weight after adding new cat litter each time.

8. "Waste Box Full" Indicator Remains On

- (1) Check if the waste box is full. (2) Waste may be piled on one side of the bin, which could trigger the sensor. Use the rake to level the waste.
- (3) Check whether any foreign objects are blocking the waste outlet on the base. (4) Wipe the sensor at the waste outlet with a clean cloth. (5) Check whether the bin clips are securely fastened and ensure there are no foreign objects.

9. Ball Chamber Flips but Does Not Return

- (1) Check whether the "Cat Entry Indicator" is on. If it is, rule out Error 7. (2) Check for Errors 1 and 8.

Product Information

Product Name	Cat Litter Box
Product Dimensions	672 × 510 × 486mm
Weight	Net weight < 9.5 kg / Gross weight < 15 kg
Litter box capacity	4 L
Waste box capacity	7 L
Model	4073D
Noise	<55dB@1m
Brand Model	JIANGSU ERLANGSHEN PLASTIC CO.,LTD
Manufacturer Address	NO.3A, MEDIUM AND SMALL-SIZED ENTERPRISES PARK, DAOIAO TOWN YANGZHOU CITY JIANGSU PROVINCE 225200 China (Peoples Republic Of)

Warranty Terms

Safety standards and certification authorities		FCC/ROHS/CE-RED
Device ratings	Rated voltage (V)	DC12V
	Rated frequency (Hz)	/
	Rated power (W)	5 W

The warranty does not cover the following (including but not limited to):

- Missing a valid invoice or the service period has expired.
- Damage caused by force majeure events such as fire, lightning, and floods.
- The product model or serial number on the warranty card does not match the actual product.
- Damage caused by unauthorized service providers during disassembly or repair.
- Normal fading, wear, or deterioration from regular use.
- Damage caused by improper use by humans or pets.



IC Warning

This device complies with Innovation, Science and Economic Development Canada* s licence-exempt RSS standard(s). Operation is subject to the following two conditions: (1) This device may not cause interference, and (2) This device must accept any interference, including interference that may cause undesired operation of the device. Cet appareil est conforme aux normes RSS d'Innovation, Sciences et Développement

À l'économie Canada en matière d'exemption de licence. Son fonctionnement est soumis aux deux conditions suivantes:

(1) cet appareil ne doit pas provoquer d'interférences et

(2) cet appareil doit accepter toute interférence, y compris celles qui peuvent provoquer un fonctionnement indésirable de l'appareil.

This Class B digital apparatus complies with Canadian ICES-003. Cet appareil numérique de classe B est conforme à la norme canadienne ICES-003

IC RF Statement:

When using the product, maintain a distance of 20cm from the body to ensure compliance with RF exposure requirements.

Déclaration IC RF:

Lorsque vous utilisez le produit, maintenez une distance de 20cm par rapport au corps pour garantir la conformité aux exigences d'exposition aux RF

FCC Warning

This device complies with part 15 of the FCC Rules. Operation is subject to the following two conditions.

(1) This device may not cause harmful interference, and (2) this device must accept any interference received, including interference that may cause undesired operation.

Any Changes or modifications not expressly approved by the party responsible for compliance could void the user's authority to operate the equipment.

Note: This equipment has been tested and found to comply with the limits for a Class B digital device, pursuant to part 15 of the FCC Rules. These limits are designed to provide reasonable protection against harmful interference in a residential installation. This equipment generates uses and can radiate radio frequency energy and, if not installed and used in accordance with the instructions, may cause harmful interference to radio communications. However, there is no guarantee that interference will not occur in a particular installation. If this equipment does cause harmful interference to radio or television reception, which can be determined by turning the equipment off and on, the user is encouraged to try to correct the interference by one or more of the following measures.

- Reorient or relocate the receiving antenna.

- Increase the separation between the equipment and receiver.

- Connect the equipment into an outlet on a circuit different from that to which the receiver is connected.

- Consult the dealer or an experienced radio/TV technician for help.

This equipment complies with FCC radiation exposure limits set forth for an uncontrolled environment.

This equipment should be installed and operated with minimum distance 20cm between the radiator & your body.