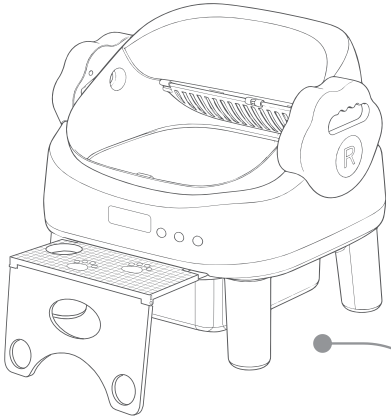
Model: LQ-8



Smart Self-Cleaning Litter Box

User Manual

PREFACE

Thank you for purchasing the Smart Cat Litter Box. We hope to provide you with an easy and enjoyable pet-keeping experience through our technology and services. Before using this product, please read the user manual carefully to ensure the product's proper operation and safety.

To protect our customers' interests, we offer a one-year worry-free warranty. If you encounter any problems after purchase, please feel free to contact us, and we will resolve them within 24 hours. We value feedback from each customer to improve and enhance the quality of our products, allowing us to better serve everyone.

We wish you a pleasant life!

Safety Guide

Important Safety Instructions: Failure to follow these instructions may cause the product to work improperly or cause other loss. install and use the device strictly according to this manual.

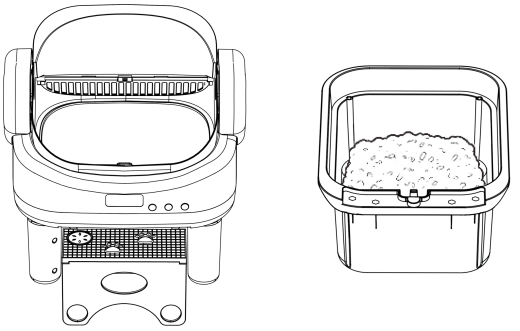
1. Do not use for kittens under 6 months old or cats with a standing height below 20 cm.
2. Suitable mainly for mineral litter and bentonite litter. Do not use crystal litter, cassava litter, etc.
3. Do not scratch the waterproof mat with sharp tools.
4. Use indoors only. Keep away from direct sunlight, fire, high temperature, and high humidity.
5. This product uses safe low-voltage power, but pets may bite the cable and cause leakage risk. Fix and hide the power cord during use. Stop your pet if it bites the cable.
7. Use the original adapter only. Other adapters may damage the device or cause safety risks.
8. Place on a flat, hard floor. Do not lean the device against anything. Keep 5-10 cm from walls.
9. Do not flood, soak, or wash the bottom of the base. Do not tip the device over.
10. The base contains circuits. Lift gently; do not push or drag. Unplug the power cord if moving or not using it for a long time.
11. This product is not intended for people, including children, with reduced physical, sensory, or mental abilities, or lack of experience, unless supervised or instructed by a responsible person. Children must not play with it.
12. Repairs must be done under professional guidance to avoid injury.
13. Before travel, check that there is enough litter and enough space in the waste bin.

CONTENTS

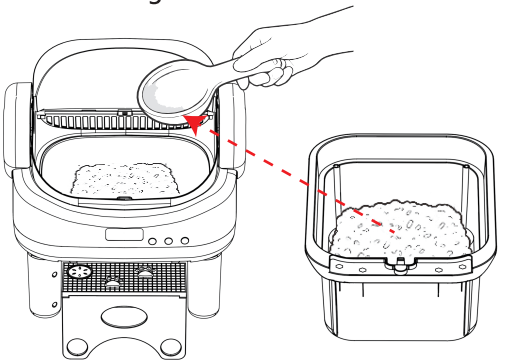
First Use & Cat Adaptation Guide	01
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First Use & Cat Adaptation Guide

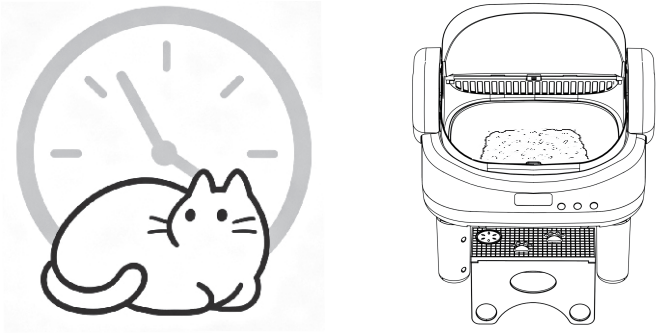
Step 1:
Place the old litter box next to the new one.



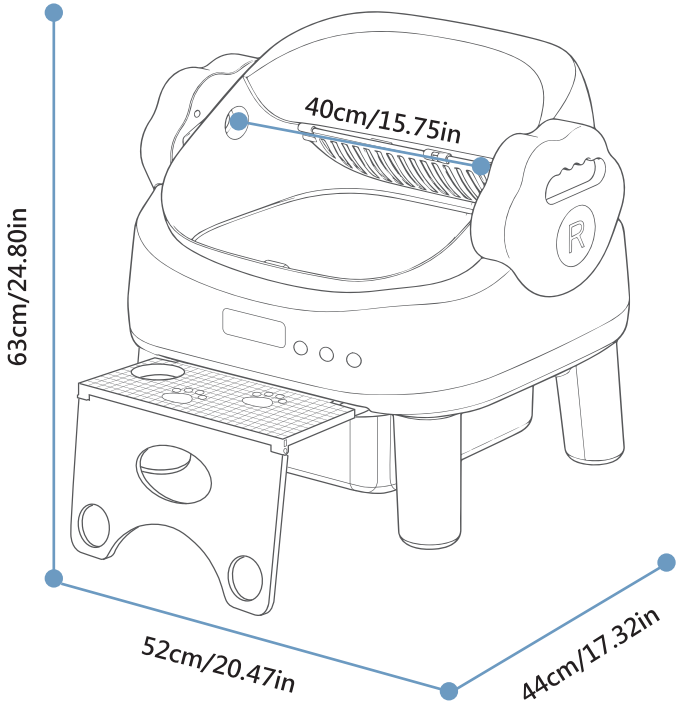
Step 2:
Take some used litter with your cat's scent from the old box and sprinkle it on the litter in the new self-cleaning litter box.

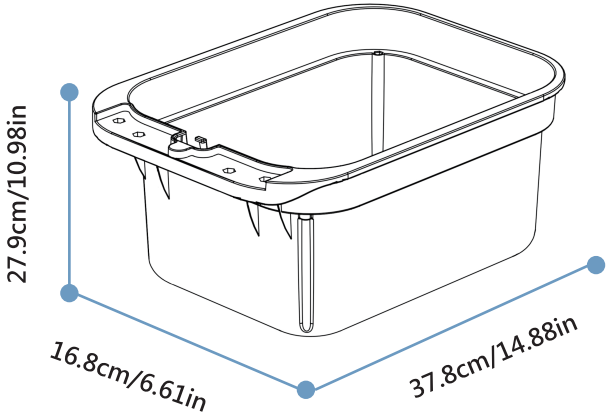


Step 3:
Do not remove the old litter box right away. Wait until your cat is fully used to the new one, then remove the old box.

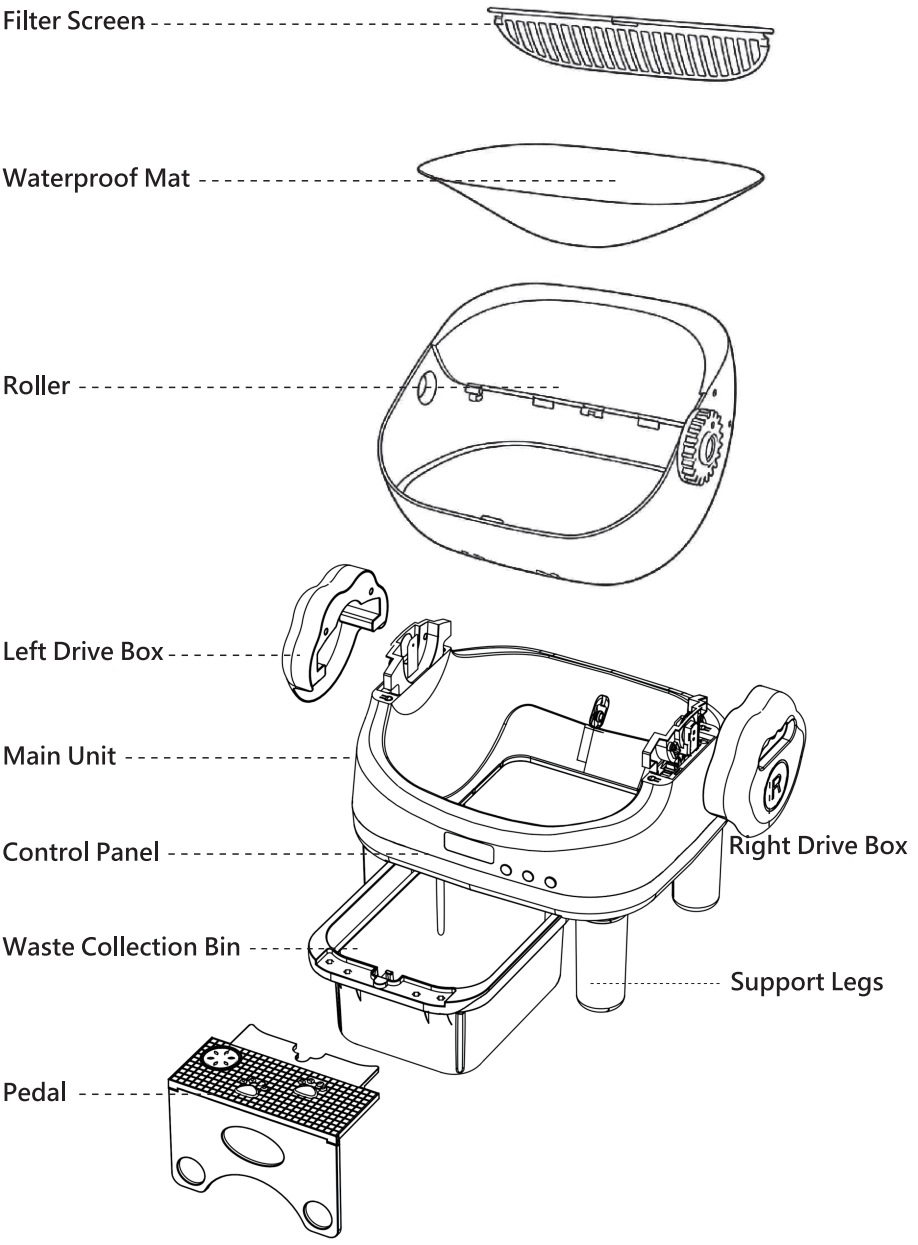


Product Dimensions

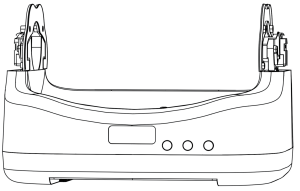




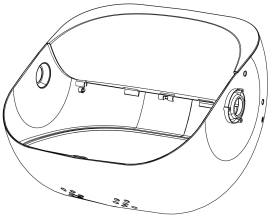
Product Component Description



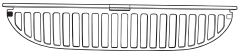
Package List



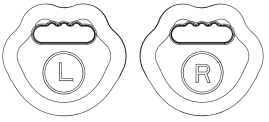
Main Unit*1



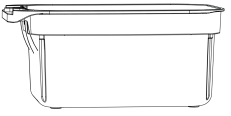
Roller*1



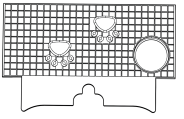
Filter Screen*1



Left/Right
Drive Boxes*2



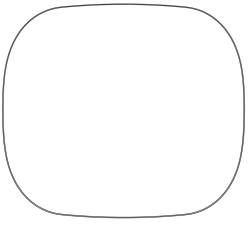
Waste Collection
Bin*1



Pedal*1



Support Legs*4



Waterproof Mat*1



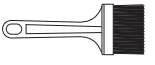
Adapter*1



Deodorant Box*1



Cat Litter Bag*1



Brush*1

Control Panel & Indicator Lights



Clean Button

Press once to start cleaning.
During cleaning, press the Clean button to pause. If no button is pressed for 15 seconds, cleaning resumes.
Default Auto Cleaning Mode
After the cat leaves the litter box, the device waits for 30 seconds, rotates backward by 45°, pauses for 5 seconds, and then rotates forward by 45° to return to its original position. After a 3-minute clumping period, the device automatically starts the waste-cleaning cycle.
Microwave radar is off by default. Press Button 1 five times in a row, with each interval <=0.5 sec, to turn radar on or off.
When radar is on and detects a cat nearby, Cat Light 3 flashes and the motor stops. When the cat moves away and the radar signal disappears, Cat Light 3 turns of.
The device resumes after 5 seconds.

Radar Mode

When any button is being used, or within 5 seconds after use, radar detection is disabled.

Level Litter Button

After adding litter, press this button to level the litter. During leveling, press it to pause; press again to resume. Do not add litter during leveling. The device may mistake it for cat use and pause, ake sure the area is safe, then press the Level button aqain to finish the action.

Empty Litter Button

Hold 3 sec to dump all used litterinto the waste bin.
Press once during emptying to pause.
If no button is pressed for 15 sec, it resumes.
Hold 3 secagain to cancelemptying.

Child Lock Mode

Child lock is off by default.
Turn on: hold Level + Empty for 3 sec. Light 1 turns blue.
Turn off: hold Level + Empty for 3 sec. Light 1 turns green/white.

Lighting Guide

Indicator	Status		Color	Description
Clean(#1)	Child Lock On	Radar On	Solid Green	Child lock: Light 1 blue/white. Buttons beep, but functions do not work.
		Radar Off	Solid Blue	
	Child Lock Off	Radar On	Solid Green	Priority: fault first, then radar, child lock, then white light.
		Radar Off	Solid White	
	Fault Alert		Solid Red	Motor Error
			Red/Blue Flashing	Waste Bin IR 1 blocked (near step)
			Red/Green Flashing	Waste Bin IR 2 blocked
			Red/White Flashing	Waste Bin IR 3 blocked
			Red Flashing	Hall Error
Level(#2)	Status		Solid White	Self-check
			Solid White	Emptying Motor Running
				Cleaning Motor Running
				Leveling Motor Running
			Flashing White	Emptying Motor Paused
				Cleaning Motor Paused
				Leveling Motor Paused
Empty(#3)			Solid White	Cat Using Box
				Not in use. Check drum IR fault.
			Flashing White	Radar Sensing

Product Safety Features & Specifications

Protection	Priority	Description
Radar Protection	Level 1	During rotation, the device stops if a moving object approaches. Operation resumes after the object leaves.
Drum IR Protection	Level 1	A pair of IR sensors are installed on left and right sides of the drum. When an object taller than 20cm enters, the device stops; it resumes once the object is removed.
Waste Bin IR Protection	Level 2	Three pairs of IR sensors sit on the base. Device stops upon sensor blockage and restores after blockage is cleared.
Motor Jam Protection	Level 2	hen motor resistance rises sharply during rotation, unit stops and reverses. It resumes after resistance disappears.

⚠ **Note:** A smaller number means a higher priority.

Product name	Smart Litter Box
Model	Jinqing LQ-8
Operating Voltage	DC 12V/1A
Rated Power	12W
Waste Bin Capacity	11L
Material	ABS+PP+POM
Environment	5~40℃
Suitable Cats	Cats over 20 cm standing height
Product Size	24.80*20.47*17.32 in

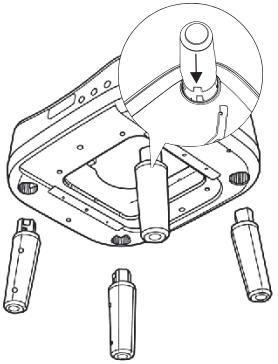
Installation

⚠ Check the Environment

1. Place the product on a flat, hard floor. Make sure there is nothing under it.
2. **DO NOT** lean it against anything. Maintain 2–4 in (5–10 cm) clearance from walls.

1. Install 4 Support Legs

① Align the holes on the four legs with the pins on the base.
② Press firmly until fully seated.



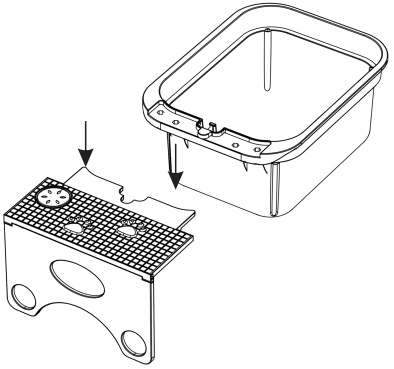
2. Put the Trash Bag on the Waste Bin

① Put the trash bag over the four corner grooves of the waste bin and smooth it flat.



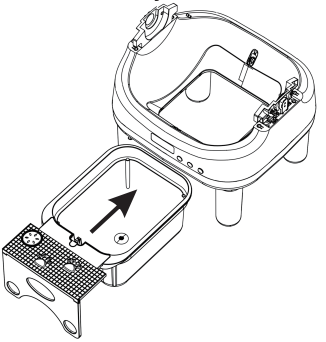
3. Install the Step

① Align the step with the mounting holes on the waste bin and press firmly.



4. Install the Waste Bin

① Align the arrow on the waste bin with the arrow on the base.
② Push it into the base along the side rails.
Make sure it is fullyinserted.

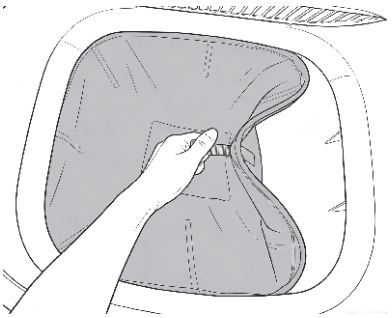


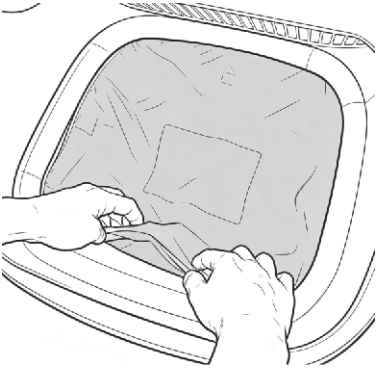
⚠ CAUTION

Complete full assembly before connecting power. Check all parts are securely installed before use.

5. Install the Waterproof Mat

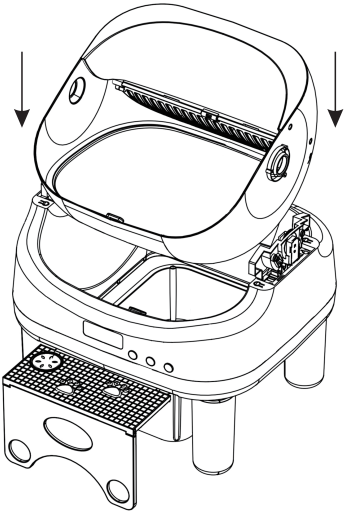
① To clean or replace the waterproof mat, pull it out firmly along the strap.
② Tuck the edges of the mat into the reserved gap in the drum.





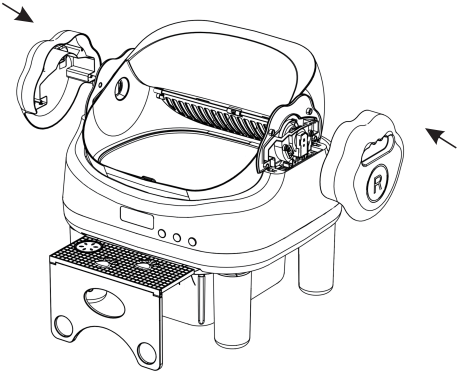
6. Install the Litter Box

① Align the tray with the side grooves inside the unit.
② Make sure the tray opening faces the control panel side of the base, then lower it into place.

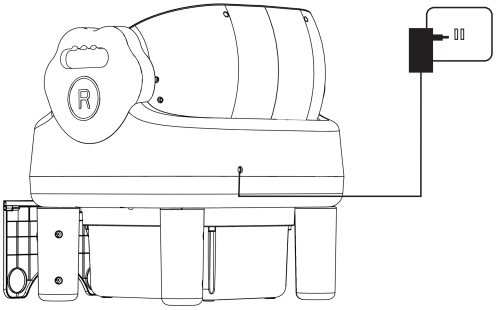


7. Install the Left and Right Drive Boxes

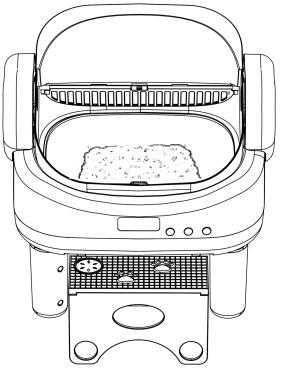
① Match L and R on the drive boxes with L and R on the litter box.
② Align the qrooves and press inward until you hear a click. The drive boxes are installed.



8. Connect the adapter and power on.

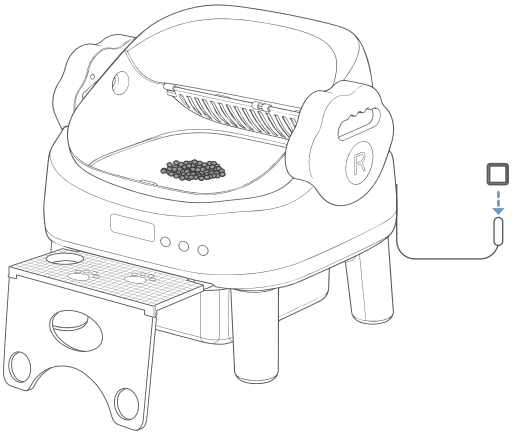


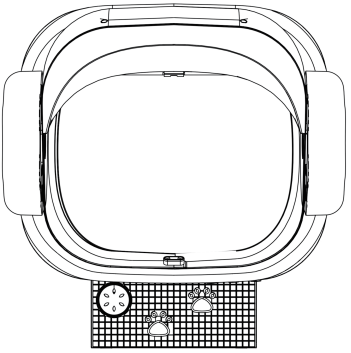
9. Add a proper amount of litter. Do not exceed the MAXline. Short press the Level button to level the litter.



10. Run the first cleaning.

① Short press the Clean button once to level the litter and start the first cleaning cycle.
After your cat exits the litter box, the unit waits 30 seconds for your cat to bury waste, followed by a 2.5-minute (2 min 30 sec) clumping period before automatic cleaning begins.
② After the cat leaves the litter box, the device waits for a 3-minute clumping period before starting automatic cleaning.



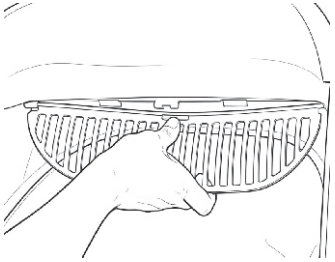


Cleaning & Maintenance

CAUTION "Before disassembling, please disconnect the power and clear any debris from the parts to be cleaned."

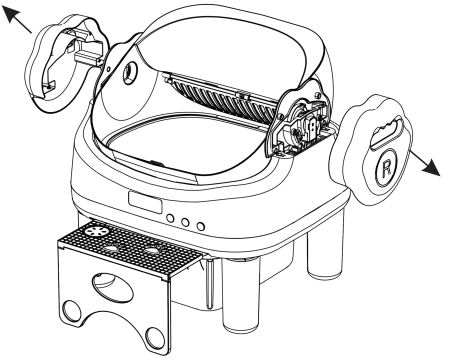
1. Remove: Litter Guard

① Lift both sides 90° and gently press inward.
② Remove along the slots



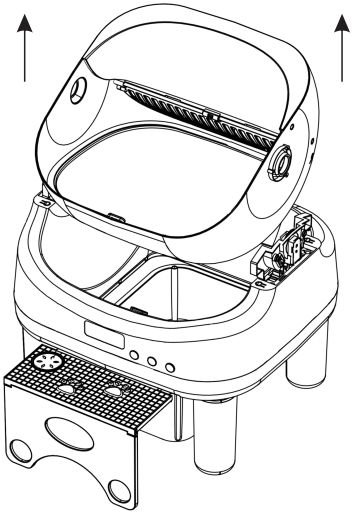
2. Remove: Left and Right Drive Boxes

① Pull the left and right drive boxes outward



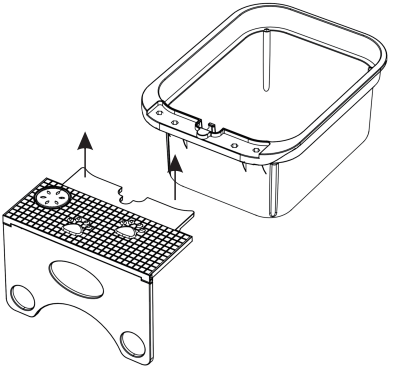
3. Remove: Drum

① Lift the drum straight up and remove it from the base.



4. Separate and Remove Waste Bin Parts

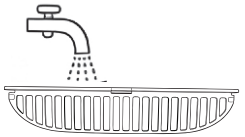
① Remove the waste bin and step.



Cleaning Care:

1. Clean the Litter Guard

① The litter guard can be removed at any time. Rinse with water or clean with a soft brush.



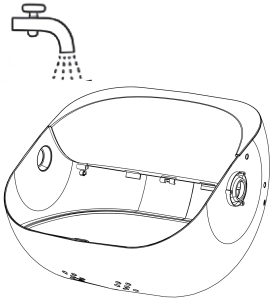
2. Clean the Waste Bin

① Pull out the waste bin from the step side.
② Tie up the trash bag and discard the waste.



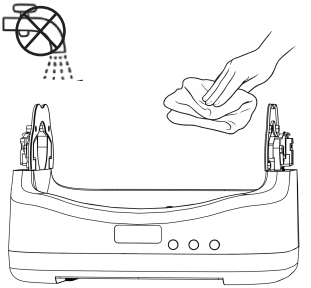
3. Clean the Drum

① Empty the remaining litterin the drum.
② Rinse the drum with water or clean with a soft brush.



4. Clean the Base

① Do not rinse the base directly with water.
If dirty, wipe with a wet wipe.



Note:
Cats like clean spaces. Odor buildup in the litter box may make cats unwilling to use it. Empty all litter at least once a month and clean the drum at the same time.
All washed parts must be completely dry before reassembly.
Do NOT use strong bleach, disinfectants or harsh cleaners. Residue odors may make your cat refuse to use the litter box.

Troubleshooting

Problem	Solution
LED 1 Red/Blue Flashing LED 1 Red/Green Flashing LED 1 Red/White Flashing	1. Check whether the waste bin is full. If full, replace the trash bag, 2. Check whether the trash bag is flat and blocking the IR sensor. 3. Gently wipe the IR sensors between the base and waste bin with a clean dry cloth or cotton swab.
LED 1 Solid Red	1. Motor error: device fault/not working orjammed motor with high current. 2. Check and remove faults one by one. Power off for 1 minute then power on again to see if it works normally.
No cat in the drum, Light 3 solid white	1. Check whether foreign objects or litter block the IR sensors in the drum. 2. Gently wipe the drum IR sensors with a clean dry cloth or cotton swab.
Clean litteris dumped into the waste bin	1. Do not add litterabove the MAXline. Add about 5 Leach time to avoid dumping extra litter and wasting it.
Drum does not rotate or stops during operation	1. Check that the power adapter plug and device DC plug are connected. Power on again. 2. Check whether the indicator lights are normal and if the infrared sensor is triggered. 3. The radar sensor may have been triggered. Please keep the area within 1 meter in front of the litter box clear.
Litter stuckin the filter guard	1. This product is mainly suitable for mineral, mixed, and bentonite litter. Do not use crystal, cassava, tofu litter, etc. 2. Manually swing the filter guard outward and remove stuck litter.
How the device detects cat use	1. If the drum IR is blocked forover 8 seconds, or receives 3 IR siqnals within 10 seconds, the device judges that a cat is using the box.
LED 1 Red Flashing	1. Power off the unit for 1 minute, then power it on again to recalibrate the drum position. 2. Check whether the drum is jammed by foreign objects or too much litter, and clear any blockage. 3. If the red light keeps flashing, the Hall sensor may be damaged. Stop using the unit and contact customer support.
Cleaning cycle pauses or will not resume	1. A pause can be normal: the device may have detected a cat or a blocked sensor. Check the status of Light 1 and Light 3. 2. Check whether litter or objects are jamming the drum, and clear them. 3. If no cause is found, power off for 1 minute and power on again to restart the cycle.

FCC Manual Waming Statements

FCC WARNING:
This equipment may generate or use radio frequency energy.
Changes or modifications to this equipment may cause harmful interference unless the modifications are expressly approved in the instruction manual. The user could lose the authority to operate this equipmentif an unauthorized change or modification is made.

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.

This equipment complies with RF radiation exposure limits set forth for an uncontrolled environment, This equipment should be installed and operated with a minimum distance of 20 centimeters between the radiator and your body.

⚠ **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, maycause 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 useris encouraged to try to correct the interference byone or more of the following measures:
- Reorientor 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 receiveris connected.
- Consult the dealeroranexperienced radio/TV technician for help.
- The rating information is located at the bottom of the unit.

Customer Support

1. Warranty period: free repair service is provided within 12 months from the date the product is received (consumables and accessories are not covered).
2. Free repair scope: damage or failure caused by quality problems during normal use
3. Paid repair cases, even during the warranty period:
1) Failure or damage caused byincorrect operation or human damage, such as dropping or squeezing.
2) Damage caused by pet behavior, such as scratching, biting, or tearing.
3)Failure caused by force majeure, such as fire or earthquake.
4) Use beyond home scenarios, such as outdoor or commercial use.
4**. Repair may be refused, whether within warranty or not:**
1) Products bought through unofficial channels, such as second-hand platforms or unauthorized dealers.
2) Products disassembled or modified by the user.
3) Consumables and accessories, such as charging cables and batteries.
5. Non-warranty repair fee: round-trip shipping and repair material costs are the user's responsibility.

Manufacturer: Jiaxing Langquan Pet Smart Products Co., Ltd
Address: No.1 Meili Zhigu, South ofjiashao Connection Line Wangdian Town, Xiuzhou District, Jiaxing, Zhejiang Province

Note: If you have any questions, please contact our store customer service immediately for inquiries and solutions.

HEY, FIND US HERE

OUR EMAILADDRESS:
FumoiAfter-sales@outlook.com

Scan the code with your cellphone and you can email us directly!

Typically we will reply to you in 24 hours on working day