whisker Litter-Robot® 5



Instruction manual

Whisker.com

Thank you for purchasing a Whisker product!

This manual will help you get the most out of your Litter-Robot. We will guide you through the setup process and provide you with useful tips and advice for acclimating your cat to their new automatic, self-cleaning litter tray.

Whisker exists to make life for pets and pet parents endlessly better. As the leading innovators in pet tech and refined pet accessories, we work tirelessly to solve problems and deliver smarter insights for pet parents while enriching the lives of pets.

Enjoy your Litter-Robot, and enjoy a better life with your pet!



Jacob
President & CEO



Brad
Founder & Chief Inventor



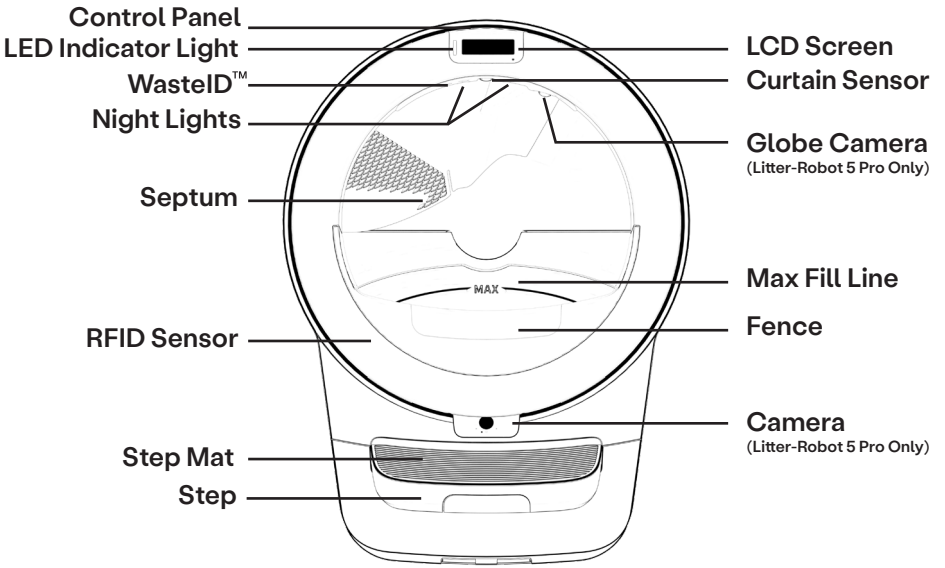
Important safety instructions

1. **Always** ensure that any cat in your household that might use the Litter-Robot 5 weighs at least 1.36 kg. Cats must weigh 1.36 kg or more to safely use the Litter-Robot 5 in automatic mode.
2. **Always** place the Litter-Robot on a level surface. Avoid uneven or unstable flooring, which may affect the unit's ability to detect the weight of your cat. If using litter mats, place in front of the unit. Do not place mats partially under the unit.
3. **Always** unplug the unit before servicing.
4. **Never** force your cat into the Litter-Robot.
5. **Never** put anything in the unit other than clumping litter or litter beads and crystals that are small enough to pass through the screen. Translucent or white-coloured litter (most often seen in crystal litter) may impact the LitterLevel® and Drawer Full Indicator (DFI) accuracy.
6. **Never** sit or place anything on top of the Litter-Robot.
7. **Never** push the Litter-Robot against a wall or into a corner (it must not touch any walls for accurate weight measurements).
8. **Never** wet or submerge the bonnet or base.
9. **Never** allow children and individuals with reduced physical, sensory, or mental capabilities or lack of experience and knowledge to use, clean, or maintain the Litter-Robot without supervision, instruction concerning its safe use, and an understanding of the hazards involved. Children under 8 years of age should not be allowed contact with the Litter-Robot.
10. **Never** allow children or others to play with the Litter-Robot.
11. **Never** use an external power supply other than the one provided with the unit. If the external power supply is damaged, please contact us for a replacement.
12. **Never** modify the Litter-Robot hardware. Doing so could impact important safety features and will void your warranty.
13. Servicing of internal laser components must only be performed by authorised personnel.

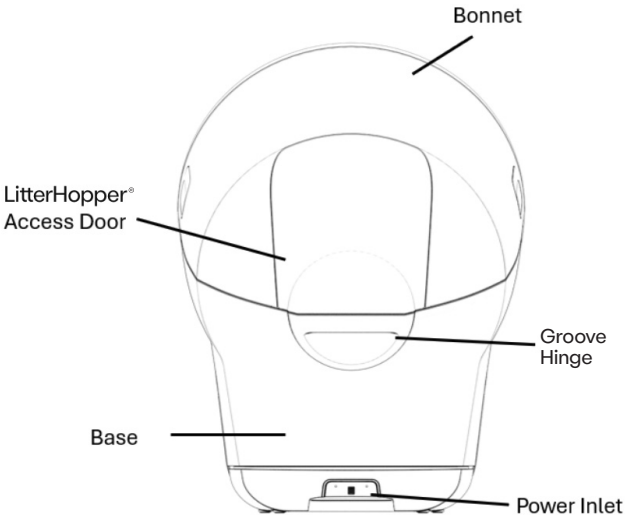
Table of contents

Important safety instructions **3**
Components **5**
Dimensions **8**
Setting up your Litter-Robot **10**
Introducing your cat to the Litter-Robot **15**
How it works **16**
Clean cycle 16
Empty cycle 17
Ongoing maintenance **17**
Control Panel **19**
LED indicator light 19
Power button functions 19
Cycle button 20
Cancel button functions 20
Empty button 20
Connect button 21
Factory reset 21
Sensors & technology **22**
Cat sensors 22
Waste sensors 24
Technology **25**
AI-powered dual camera system 25
Whisker app **27**
LED automatic night light 28
Sleep mode 28
Control panel lock 28
Cycle delay setting 29
Whisker+ **30**
Safety features **31**
Optional accessories **33**
Use and care **36**
Frequently asked questions **42**
At-home trial and warranty **46**

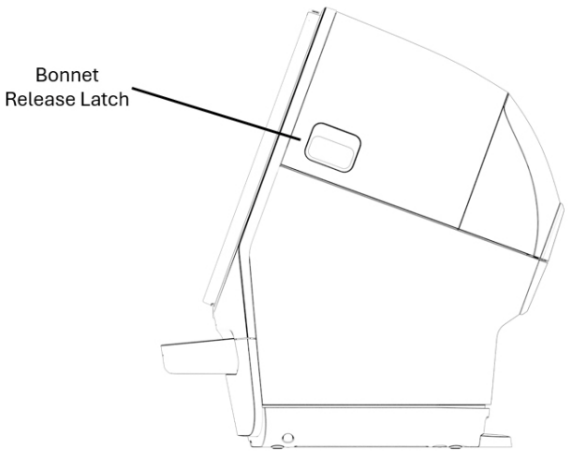
Components



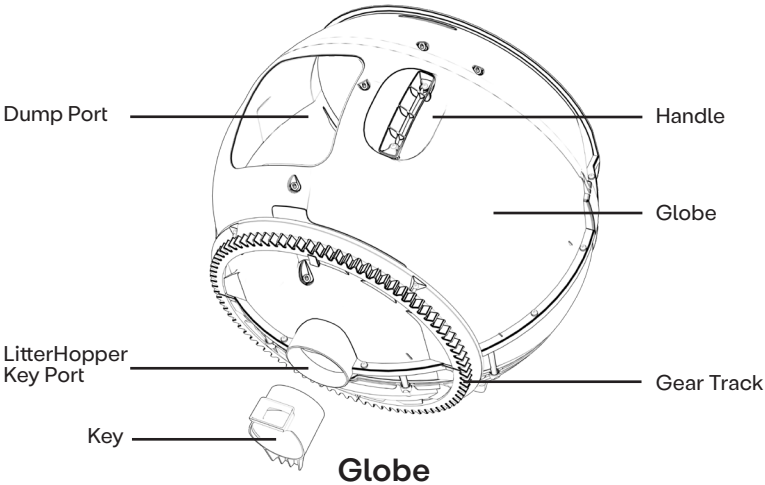
Front view



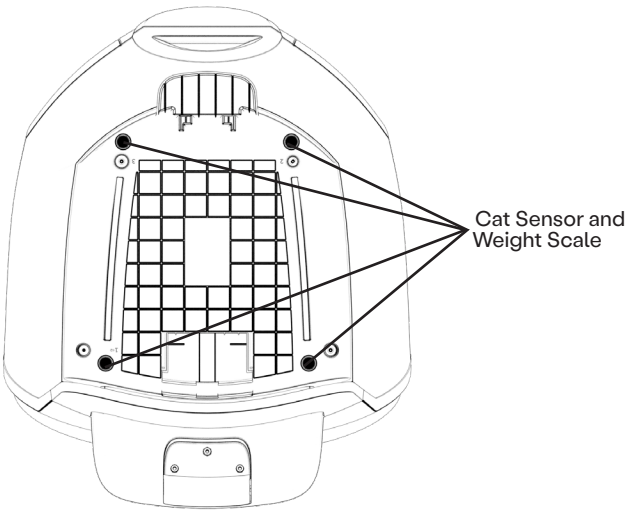
Rear view



Side view



Globe



Bottom view

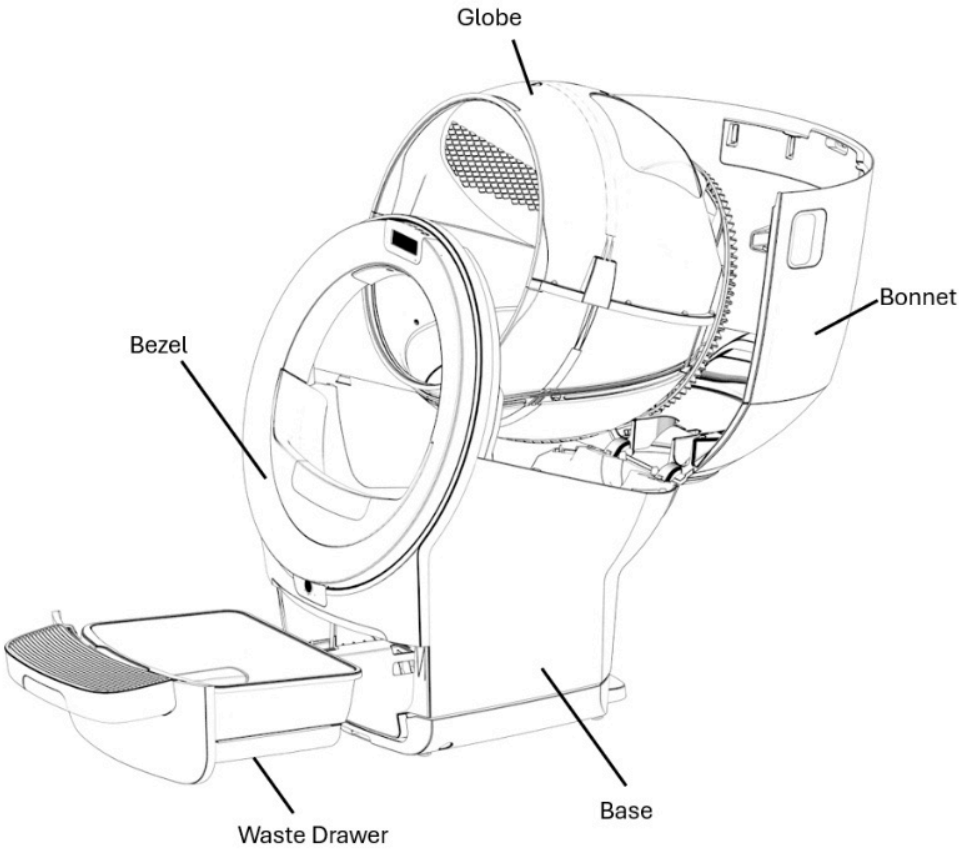
Dimensions

	Height	Width	Depth	Weight
Fully Assembled	74.93 cm	55.88 cm	69.22 cm	13.02-13.43 kg
Waste Drawer	13.97 cm	34.29 cm	28.45 cm	
Entry	40.00 cm	40.00 cm		
Inside Globe	38.1-48.26 cm*	48.26 cm	45.72 cm	
Litter Bed		35.56 cm	35.56 cm	
Floor to Step	17.78 cm			
Step to Entry	14.73 cm			
Floor to Entry	38.35 cm			

*Depending on the litter level

*Only available on Pro model

	Diagonal	Horizontal	Vertical
Cameras' Field of View*	160 °	136°	77°



Exploded view

Setting up your Litter-Robot

Get started by following the steps below.

Ensure proper placement

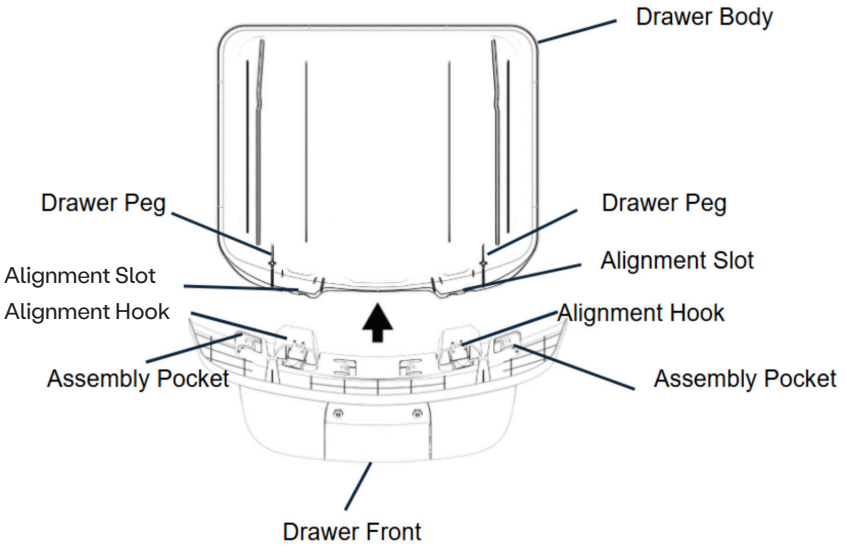
- Place the Litter-Robot in the same location as the old litter tray (at least during transition) if possible. When moving the Litter-Robot 5, hold it by the back handle and step.
- Make sure the unit is on a level surface. Litter-Robot 5 is equipped with an integrated carpet tray and can be placed on hard flooring or carpet.
- Keep the unit indoors in a cool, dry location. Reduce exposure to high temperature and humidity. If possible, keep out of direct sunlight.
- Place the unit near a power outlet. Ensure the unit isn't pushed against a wall or into a corner (it must not touch any walls).
- Place litter mats in front of the unit. Do not place mats partially under the unit.

Install the waste drawer step

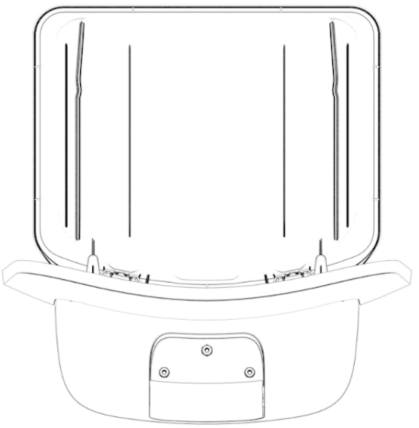
The Litter-Robot is equipped with a waste drawer step that provides increased ease of entry. The platform of the step includes a black rubber step mat to help catch litter as your cat exits the globe. The drawer front and step require assembly to the drawer body.

Assembling the waste drawer step:

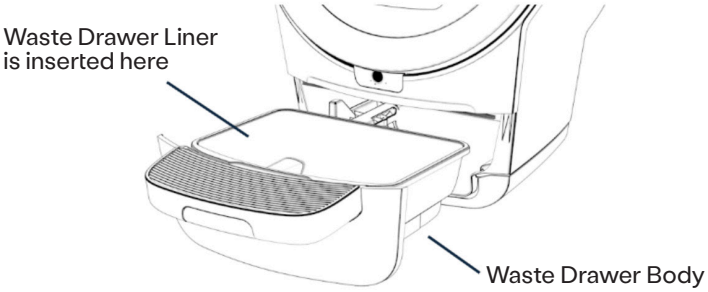
1. Place the drawer body upside down on a flat surface, such as a table.
2. Locate the two alignment hooks and two assembly pockets on the inside of the drawer front panel.
3. Match the alignment hooks with the slots on the drawer body.
4. Match the assembly pockets to the pegs on the drawer body.



5. Slide the drawer front onto the drawer body. Push until you hear or feel the hooks snap into place.



6. Open a waste drawer liner (5 are included with your purchase), wrap the edges over the rim, and press the liner flat against the bottom and sides of the waste drawer.
7. Slide the assembled drawer into the Litter-Robot to complete the drawer assembly.



Add litter

The Litter-Robot litter sifting system requires clumping litter to work properly. We recommend a high-quality, clay-clumping litter, such as GreatLitter®. Litter beads and crystals that are small enough to pass through the screen will also work (more frequent changing of this type of litter is required).

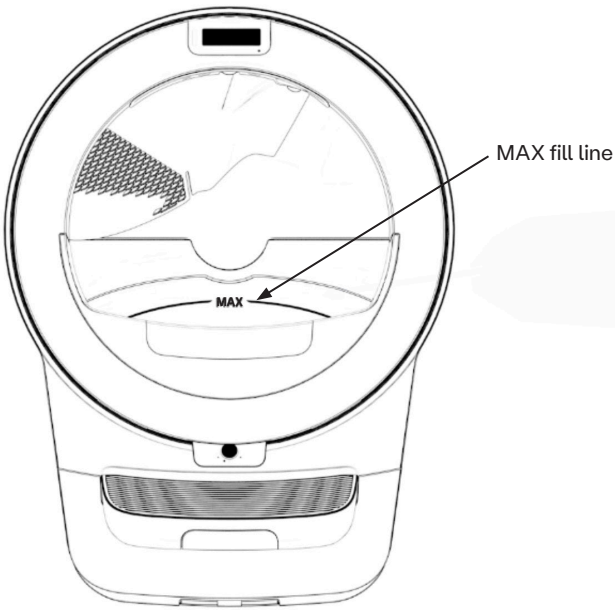
Translucent or white-coloured litter (most often seen in crystal litter) may impact the LitterLevel® and Drawer Full Indicator (DFI) accuracy.

Do not use litters that are strictly absorbent, non-clumping, loose-clumping, newspaper-based, or wood-based pellets.

If you are using a litter alternative not listed here, please visit **Litter-Robot.com/blog/best-litter-for-Litter-Robot** to ensure you're using a compatible litter.

Fill the globe through the circular opening with **clumping litter** until it meets the raised MAX fill line when spread flat—you will need approximately 4 litres of litter. Litter varies in weight; 4 litres of litter will weigh different amounts depending on the type and brand of litter. 4 litres of GreatLitter will weigh approximately 4.5 kg. The same volume of natural or lightweight litter may weigh less.

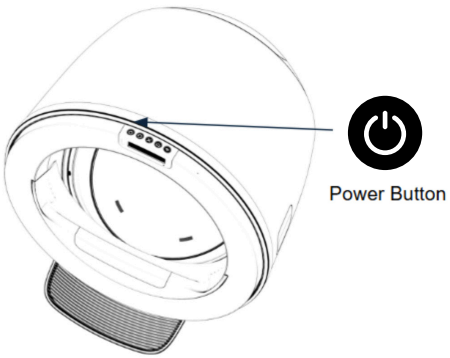
Be careful not to overfill the globe.



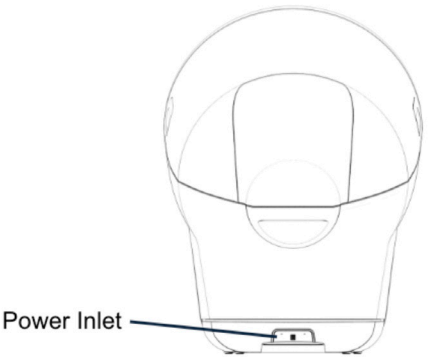
Tip: when filling the Litter-Robot for the first time, it is best to continue using the brand of litter you were using previously—as long as it is a clumping litter. Your cat will need to adjust to their new Litter-Robot, and introducing a new litter at the same time may increase their anxiety. However, if you are currently using a non-clumping litter, you will need to switch to a clumping litter.

Power on

1. Plug the small end of the power supply into the power inlet at the back of the base.



2. Then plug the power adaptor into a mains socket.
3. Locate and press the Power button.



Congratulations!

Your Litter-Robot is now ready to use; however, we recommend switching the unit off until your cat becomes familiar with the Litter-Robot and starts using it.

Introducing your cat to the Litter-Robot

Your cat will most likely adapt to the Litter-Robot quickly. Here are some ways to facilitate the transition:

1. **Turn the Litter-Robot off**
   Leave the Litter-Robot turned off initially to avoid possibly startling cats while they're adjusting to it as their new litter tray. Once you notice that your cats have used the Litter-Robot, turn it on for a Clean cycle. Encourage your cats to be present, so they can observe the motion and become familiar with the sound of Litter-Robot while you're there to reassure them.
2. **Place the Litter-Robot next to the old litter tray**
   Set the Litter-Robot next to the existing litter tray without changing your usual litter. Add a scoop of old litter into the Litter-Robot to make it smell familiar. Allow your cat to use both litter trays, slowly cleaning the old one less frequently to encourage use of the Litter-Robot. Cats prefer a clean place to go, so this should motivate your cat to try Litter-Robot.
3. **Reward interactions with the Litter-Robot**
   Encourage your cat to approach the Litter-Robot with treats or catnip. Reward your cat with treats, playtime, or cuddles once they use it.
4. **Remove the Litter-Robot fence or shield**
   If your unit is equipped with a fence or shield and your cat is hesitant to enter, remove the fence or shield for better visibility. Reattach it later once your cat is comfortable.
5. **Consider using the Litter-Robot ramp**
   Use the Litter-Robot ramp to make access easier, especially for older or mobility-challenged cats. You can remove it once your cat is used to the setup if needed.
6. **Gradually introduce the automated feature**
   Once your cat regularly uses the Litter-Robot, turn it on while they observe. Speak calmly to reassure them. Note: your cat must weigh at least 1.36 kg for automatic cycling.
7. **Use litter attractant**
   If needed, use a litter attractant to encourage your cat's interest. Many users have found success after adding just a small amount.
8. **Be patient and adapt your strategy**
   Every cat is different. Modify these steps based on your cat's comfort level. Patience, encouragement, and love will help your cat embrace the Litter-Robot.

Once your cats consistently use the Litter-Robot, you can turn the unit on and leave it to operate in automatic mode—and remove the old litter tray.

Congratulations, you have successfully introduced your cats to the Litter-Robot. Enjoy your freedom from scooping!

How it works

The Litter-Robot is ready for use when the globe is in the home position and the LED indicator light on the control panel is solid white.

1. When a cat enters the globe, the cat sensor(s) are activated; the LED indicator light blinks green.
2. Once the cat exits the globe, a countdown to the Clean cycle begins and the LED indicator light blinks green. When the cycle delay (see page 29) has elapsed, the globe begins to rotate anticlockwise.
3. As the anticlockwise rotation continues, clean litter passes through the low-dust screen while litter clumps are separated from the clean litter. The clean litter is collected behind the septum.
4. During rotation, while the globe is upside down, an integrated weight in the bottom of the flexible globe liner causes the liner to fall away from the globe, ensuring any stuck-on clumps are removed.
5. As the globe rotates towards the dump position, waste clumps fall through the waste port into the waste drawer below.
6. The globe then stops at the dump position and begins to rotate clockwise, back towards the home position. The flexible globe liner falls back into place and clean litter flows back into the bottom of the globe.
7. The globe will rotate past the home position to level the litter before returning to the home position. The LED indicator light changes to solid white, indicating the unit is ready for the next use.

Clean cycle

After your cat leaves the globe, the Litter-Robot automatically performs a Clean cycle. The sifting system separates the clumps from the clean litter and deposits them into the waste drawer below. It will take about 2 minutes to complete the Clean cycle. You can also press the Cycle button to manually start a Clean cycle.

During a Clean cycle, press the Cycle, Cancel, Empty, or Connect button to pause the cycle. When paused, press the Cycle button to resume the cycle or press the Cancel button to abort the cycle and return the globe to the home position.

Empty cycle

The Empty cycle allows you to empty all of the litter from the globe into the waste drawer for easy disposal. Use this cycle to replace all the litter or before cleaning the globe (see page 38). While the globe is in the home position and the LED indicator light is solid white, press the Empty button to start an Empty cycle. Press the Empty button again to pause or resume the Empty cycle.

During an Empty cycle, press the Cycle, Cancel, Empty, or Connect button to pause the cycle. When paused, press the Empty button to resume the cycle or press the Cancel button to abort the cycle and return the globe to the home position.

How it works:

1. Upon pressing the Empty button, the globe rotates clockwise while the LED indicator light blinks green.
2. As the globe rotates clockwise, litter will fall through the waste port and into the waste drawer.
3. After the litter is emptied, the globe will pause with the green LED indicator light blinking, awaiting your action. (You may need to sweep any remaining litter towards the waste port.)
4. Press the Empty button to return the globe to the home position.

IMPORTANT: supervise and prevent your cat from entering during the Empty cycle.

Ongoing maintenance

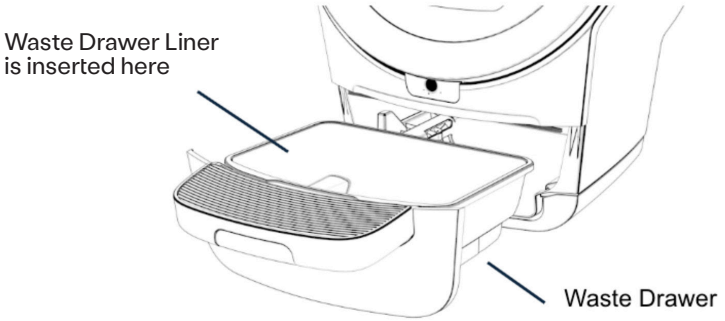
Empty the waste drawer when the LED indicator light blinks yellow or red on the control panel.

How often you will need to empty the waste drawer depends on the number and size of your cats. For two average-sized cats, twice per week is typical. For a single cat, once every 10 days is usually sufficient. More frequent emptying will be required with two or more cats.

To empty the waste drawer, simply pull it out, gather the edges of the liner bag, pull the drawstring, and dispose. You can use custom-fit Litter-Robot waste drawer liners or any standard 37 to 49 litre bin liners (white liners work best).

To install a new waste drawer liner, follow the steps below.

1. Open a new waste drawer liner or bag.
2. Wrap the edges of the waste drawer liner over the rim of the waste drawer. Push the remainder of the bag into the bottom of the waste drawer and then slide the waste drawer closed. Make sure the bag does not extend past the edges of the waste drawer, which can result in a false “drawer full” yellow or red blinking indicator on the control panel.
3. Press the Cancel button to zero the weight sensors.



Add litter as needed

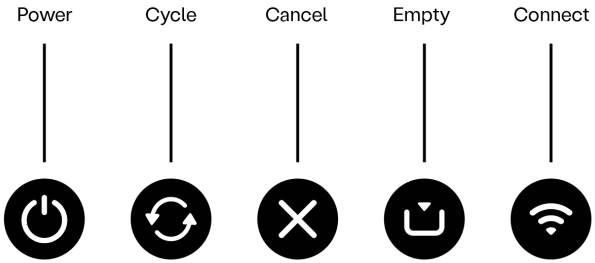
Check the litter level once per week or each time you empty the waste drawer. Add just enough litter to meet the raised MAX fill line inside the globe, and be careful not to overfill it to avoid wasting litter. After adding or removing litter, press and hold the Cancel button for 3 seconds to zero the weight sensors.

Zero the weight sensors

Any time you affect the weight or placement of the unit (including emptying the waste drawer, adding or removing litter, or cleaning or moving the unit), press the Cancel button to zero the weight sensors and ensure they will detect your cat and cycle properly.

See Use and care on page 36 to learn about the carbon filter, OdorTrap® holder and OdorTrap® packs, base seal strips, waste drawer liners, and how to clean the Litter-Robot.

Control panel



LED indicator light

- **Solid white:** online and ready
- **Blinking blue:** setup mode (onboarding, language selection, etc.)
- **Blinking green:** robot running (cycling, emptying, etc.)
- **Blinking yellow:** attention required (waste drawer almost full, filter replacement needed, etc.)
- **Blinking red:** product fault (waste drawer full, waste drawer removed, etc.)

Power button functions

Power On/Off

Short press - press the power button to turn the unit power on or off. When turning the unit on, the LED indicator light will be solid white.

Disable control panel lock

3-second long press - with the unit switched on, press and hold the Power button for 3 seconds to disable control panel lock if activated in the Whisker app.

Hard reset

6-second press and hold - a hard reset is similar to unplugging the unit and plugging it back in. With the unit switched on, press and hold the Power button for 6 seconds to perform a hard reset of the Litter-Robot. If an error is encountered and switching the unit on/off does not resolve the issue, a hard reset can be used to further troubleshoot the Litter-Robot.

Cycle button functions

Short press - press the cycle button to start a Clean cycle (see page 16).

Cancel button functions

Cancel functionality

Short press - press the Cancel button to cancel a paused Clean or Empty cycle. Pressing the Cancel button in the home position will also dismiss any resettable (yellow and some red) alerts on the display

Zero the weight sensors

Short press - press the Cancel button while the globe is in the home position to reset the SmartScale. Zero the SmartScale after doing anything that affects the unit's weight, such as adding litter or emptying the waste drawer.

Filter replacement position

3-second press - press and hold the Cancel button for 3 seconds to rotate the globe to the filter replacement position. In this position, the carbon filter/OdorTrap holder at the bottom of the globe will face upwards, making it easy to replace the carbon filter or OdorTrap packs. Follow the prompts on the LCD screen to confirm and activate the cycle.

Empty button functions

Short press - during an Empty cycle, press the Cycle, Cancel, Empty, or Connect button to pause the cycle. When paused, press the Empty button to resume the cycle or press the Cancel button to abort the cycle and return the globe to the home position.

Connect button functions

The Connect button is used during the WiFi onboarding process. Download the Whisker app, tap “Add a device” within the app, and follow the prompts to onboard and connect your Litter-Robot to your WiFi network.

If the Litter-Robot loses WiFi connection, the LED indicator light will blink yellow. It will automatically attempt to reconnect to WiFi after network disruption. The LED indicator light will change to solid white once the Litter-Robot has reestablished connection. Press the connect button to display connectivity status.

Factory reset

A factory reset can be used to restore the Litter-Robot’s factory settings during troubleshooting or before transferring ownership of your robot. The latest firmware downloaded onto the Litter-Robot will be maintained following a factory reset to ensure proper operation.

With the unit switched ON, simultaneously press and hold the Cycle and Cancel buttons for 3 seconds to conduct a factory reset of the Litter-Robot. The LED indicator light will blink red and instructions will be provided on the Litter-Robot’s LCD screen to confirm and complete the process.

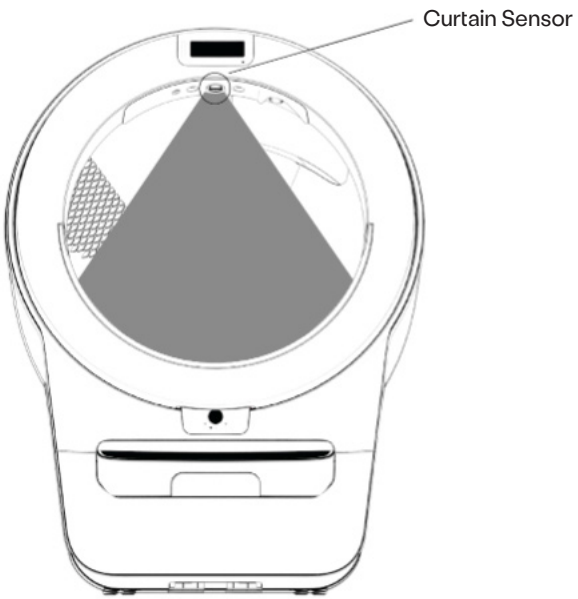
Sensors & technology
Cat sensors

RFID sensor

The Litter-Robot 5 is equipped with a sensor that detects the Whisker PetTag accessory as it approaches the unit. See PetTag on page 33 to learn more.

Curtain sensor

The Litter-Robot 5 is equipped with a curtain sensor pointing downwards across the globe opening and into the globe that detects when a cat enters or exits the globe. If the curtain sensor is activated during a cycle, the globe will stop. After 15 seconds of no further activation, globe rotation will resume. If your unit is not cycling, check the bezel for any debris (cat fur, dust, etc.) that may be interfering with the curtain sensor. To resolve this, gently wipe the bezel and curtain sensor lens with a clean, dry microfibre cloth.



SmartScale®

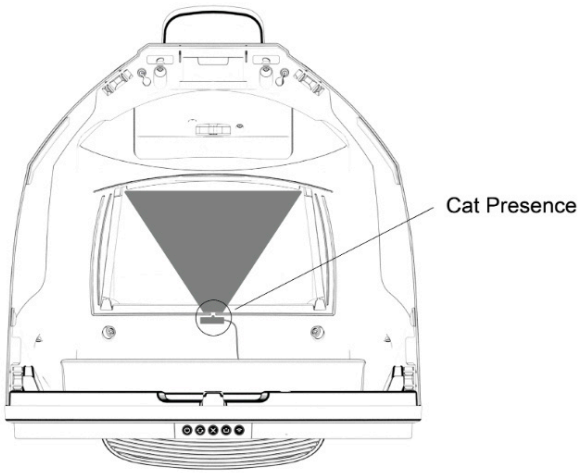
The Litter-Robot 5 is equipped with SmartScale weight sensors located in the base of the unit that are used to further detect and weigh the cat within the globe while in the home position. If additional weight is detected during a cycle, the globe will stop. After 15 seconds of the additional weight exiting, the globe rotation will resume. The weight sensors are also used to weigh waste after each visit, and this information is viewable in the Whisker app.

Note that each time the unit is switched on or after the completion of a Clean cycle, the weight sensors measure the weight of the unit to use as a baseline, or “zero”. The SmartScale can be “zeroed” at any time by pressing the Cancel button.

Press the Cancel button to zero the SmartScale after doing anything that affects the unit’s weight, such as adding litter or emptying the waste drawer. Be careful not to rest on the unit as you press the button as your weight will influence the reading.

Waste drawer cat presence sensor

The Litter-Robot 5 is equipped with a cat presence motion sensor that monitors the waste drawer. If the motion sensor identifies movement within the waste drawer while in the home position, the unit will rotate the globe to allow an exit path through the waste port from the waste drawer.



Waste sensors

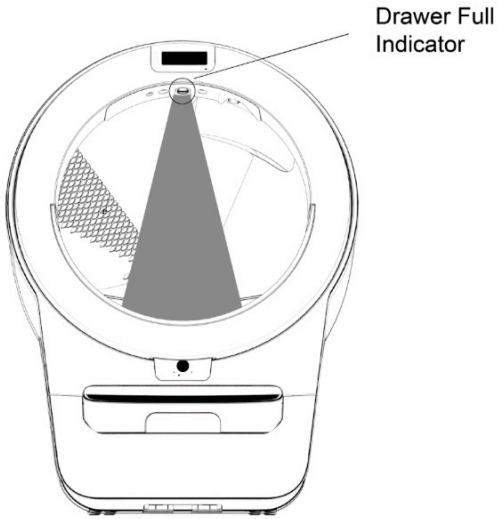
Drawer Full Indicator (DFI)

The Litter-Robot 5 is equipped with a distance sensor pointing downwards from the top of the unit that is used to detect the waste level within the waste drawer. During each Clean cycle, the DFI sensor will measure the level of waste within the waste drawer as the waste port passes over the waste drawer.

The LED indicator light will blink yellow when the waste drawer is almost full, and blink red when the drawer is full.

- Following the first time that the unit cycles and the DFI sensor detects that the drawer is full, the robot will continue to cycle automatically. This gives the waste in the drawer an opportunity to settle.
- Following the second time that the unit cycles and the DFI sensor detects that the drawer is full, the robot will continue to cycle automatically but the LED indicator light after the cycle will blink red to indicate that the drawer is full.
- Following the third time that the unit cycles and the DFI sensor detects that the drawer is full, the robot will no longer cycle automatically, cat weight will no longer be measured, and the LED indicator light will continue to blink red.

Check or empty the waste drawer, then press Cancel to cancel the indicator. Short press cancel to zero the SmartScale. Note that the SmartScale also automatically zeroes itself after each Clean cycle.



WasteID™
Litter-Robot 5 is equipped with WasteID, which detects the type of bathroom visit that occurred and when to cycle.
Cycle delay only applies to urine visits unless the WasteID toggle is turned off. If the toggle is disabled, the selected cycle delay will apply to both urine and faeces visits.

LitterLevel® sensor
The distance sensor is also used to measure the litter level within the globe. If the unit is connected via the Whisker app, it will send a notification when the litter level is above or below a specified threshold.

Hall effect sensor
The Litter-Robot 5 is equipped with a hall effect sensor in the base. This sensor responds to magnets embedded inside of the globe gear track to monitor the precise rotation of the globe.

Technology

AI-powered dual camera system
Only available on Pro model

Litter-Robot 5 Pro is equipped with dual 1080p HD cameras with night vision that let you monitor your cats from anywhere. The front-facing camera uses AI-powered facial recognition to identify each cat in multi-cat households and provide individualised insights. The inner-facing camera captures activity inside the litter tray and provides visual references that can help you spot irregularities or changes in bathroom behaviour/habits. The cameras can be toggled on/off via the Whisker app.

Basic camera features such as real-time video streaming (limited) and recorded events are included for free within the Whisker app. Enhanced camera features such as AI-powered facial recognition and increased content storage are unlocked by subscribing to Whisker+ within the Whisker app.

Camera LED indicator light

There is a small LED indicator next to the outer-facing camera

- **Solid white:** online and ready
- **Blinking blue:** setup mode (onboarding, firmware update, etc.)
- **Blinking green:** recording event
- **Blinking yellow and blinking red:** attention required

How it works

We know that as a pet parent, you love your cat and may want to know what they are doing when you aren't at home. The built-in camera will record video events of your cats and can even identify specific cats in the home (with Whisker+), tagging videos for each pet so that you can easily find and watch videos of each one of your furry friends! Here is some information about what you can expect:

Live video

The Whisker camera streams high definition 1080p video. It has low-light performance for monitoring your pets day and night.

Event recordings

The camera will automatically detect when there is a cat face in the frame and start recording. You can access a video log of every cat detected by the Litter-Robot's camera from within the Whisker app.

Cat identification (Whisker+)

The camera will attempt to identify your cat based on their unique characteristics. Sometimes, our identification may be incorrect. If you notice this, you can fix the ID using the dropdown list on the camera events page. You may also be proactively prompted in the app to identify certain pets. This will help us improve our system's performance so that we can better identify your cats in the future. It will also help train our machine learning model on what different cats look like in the world.

Option to record all motion

The camera can also be set to record all motion events, whether or not there is a cat. If you want to see all motion events, you can change this setting from within the Whisker app.

Whisker app

The Whisker app offers customisable programming options for your Litter-Robot from the convenience of your phone. You can monitor and control your Litter-Robot, receive notifications, get insights into your cat's litter tray usage, and more.

Installing the Whisker app:

1. Press the Power button to turn the Litter-Robot on.
2. Download the Whisker app from the App Store or Google Play.
3. Follow the prompts in the app to complete onboarding.
4. Once the Litter-Robot is successfully connected to WiFi, the LED indicator light will be solid white.

Scan the QR code below to download the Whisker app

Automatic night light

Although cats generally have excellent vision, aging and illness can diminish their ability to see in low-light conditions. The Litter-Robot comes with the LED automatic night light function enabled. When the light sensor located in the control panel, detects low-light conditions, the night light turns on automatically.

The Whisker app offers the ability to turn the LED automatic night light on or off, as well as customise light settings such as brightness and colour.

Sleep mode

This mode allows you to deactivate the cat sensor(s) for a specified period of time, so the unit will not cycle automatically. Sleep mode is useful for units located in bedrooms or areas where you may not want the unit to cycle for a certain period of the day.

The Whisker app offers customisable sleep mode programming options.

Control panel lock

Control panel lock disables button functions to prevent unwanted changes.
The Litter-Robot functions normally in automatic mode. Pressing and holding the Power button for 3 seconds will disable control panel lock.

When the unit is switched on, you can lock or unlock the control panel from the Whisker app by selecting your device and navigating to the controls.

Cycle delay setting

The cycle delay is the elapsed time starting from when your cat exits the globe until the unit starts a Clean cycle. It can be set for any time between 3 and 30 minutes. The default cycle delay is 7 minutes. You can customise this setting in the Whisker app.

Reduce the cycle delay if it is important to minimise odour and/or the time that waste is accessible to other pets, such as dogs. However, reducing the cycle delay may reduce the cleaning effectiveness if clumps do not have enough time to form. Extend the cycle delay when using lower-quality clumping litter that requires more time to absorb.

Whisker+

Unlock the full potential of your Litter-Robot.

At Whisker, we believe a clean litter tray is just the beginning. With Whisker+, a membership service, you unlock enhanced features and powerful insights, right inside your Whisker app, to help you better understand and care for your cat.

Whisker+ gives you:

- Duration and time of day visualisation: view the amount of time your pet spends in the Litter-Robot and when they are visiting to better understand their habits.
- Deeper historical data: access activity history and trends, giving you a long-term view of your cat's habits.
- Personalised storytelling: receive reports that translate your cat's data into clear written stories.
- Expanded data storage*: securely store more video clips, event recordings, and behaviour logs without limits, so you never lose valuable information.
- Enhanced multi-cat recognition*: advanced AI facial recognition improves the accuracy of identifying each of your cats, perfect for multi-cat households.

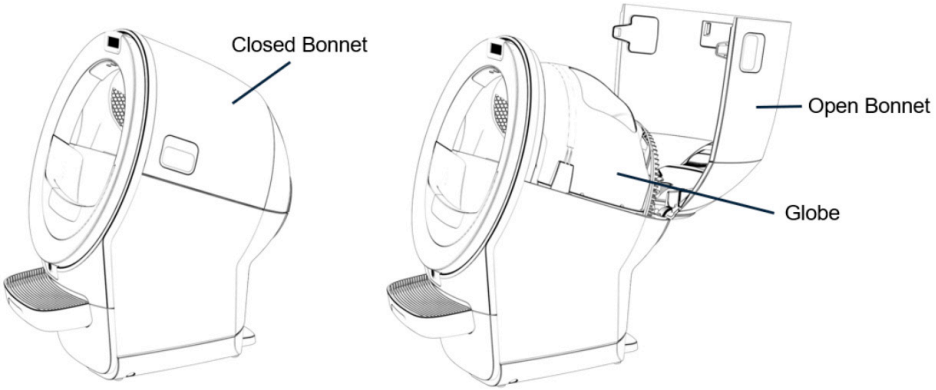
*Not available on all models; availability may vary

Please see the Whisker app for the latest features and membership options.

Safety features

Bonnet - full coverage

The bonnet functions as a cover and guard for the waste port as the globe rotates. The globe will not rotate without the bonnet installed.



OmniSense® cat detection system

The Litter-Robot's cat sensing system is a combination of optical and weight sensors that detect your cat attempting to enter the unit during a cycle. If a cat attempts to enter the unit during a cycle, the globe will stop and the LED indicator light will blink red, indicating the cycle has been interrupted. The cycle will not resume until 15 seconds after the cat is no longer detected.

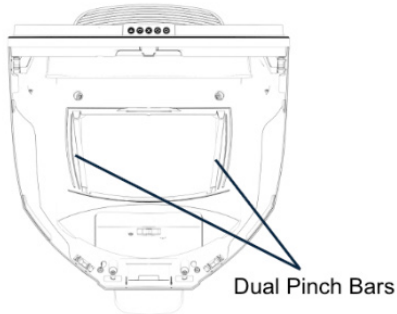
The Litter-Robot is also equipped with a motion sensor that monitors the waste drawer. If motion is detected within the waste drawer when the globe is in the home position, the unit will rotate the globe to allow an exit path through the waste port from the waste drawer.

Obstruction detection

The Litter-Robot is equipped with obstruction detection sensors on both sides of the waste drawer chute to ensure your cat's safety while using the Litter-Robot. These sensors monitor for potential pinch conditions at all times.

While cycling, if a potential obstruction is detected, the globe will stop and retract briefly. After a short pause, the unit will attempt to continue the cycle.
While the globe is retracting, the LED indicator light will change to blinking red. If the globe is unable to continue the cycle after multiple attempts, the globe will stop and the LED indicator light will blink red.
Note: ensure dual pinch bars are clear of excess litter.

If the globe is able to complete a clean cycle after experiencing an obstruction condition, the control panel will return to ready mode (solid white LED indicator light). The unit will continue to function in automatic mode.



Overloaded globe

If the globe becomes jammed or overloaded during rotation, the motor will stop and retract briefly. After a short pause, the unit will attempt to continue the cycle.

If the globe is unable to continue the cycle after multiple attempts, the globe will stop and the LED indicator light will change to blinking red.

If the globe is able to complete a Clean cycle after experiencing a jam or overload condition, the control panel will return to ready mode (solid white LED indicator light). The unit will continue to function in Automatic Mode.

If the LED indicator light indicates a jam or overload error, turn the unit off and remove the bonnet and the globe. Check for gear/motor obstruction. Reassemble the unit and verify proper litter level, ensuring your unit is not overfilled with litter. Switch the unit ON. If the problem persists, visit whiskersupport.com for more information.

Optional accessories

Litter-Robot 5 accessories may vary in availability.

LitterHopper®

The Litter-Robot 5 LitterHopper® automatically dispenses fresh cat litter into your Litter-Robot 5, ensuring litter is at the optimal level for your cat's use. Get time back and enjoy added convenience with this hands-free solution to litter refills.

Ramp

The Litter-Robot can be equipped with a ramp that fits on the front of your unit, making it more accessible for kittens or senior cats. Note: kittens must weigh at least 1.36 kg to safely use the unit. The textured ramp surface helps reduce litter tracking and offers a smooth entrance and exit.

PetTag (LR5 Pro exclusive feature)

PetTag is a lightweight RFID-enabled collar that pairs with your Litter-Robot 5 Pro to accurately identify each of your cats and help track them if they go missing. By linking visit data to the right pet, PetTag delivers clearer insights, better tracking, and more peace of mind, all seamlessly within your Whisker app.

*Only available on Pro model

Bezel guard

The Litter-Robot comes with a Fence that helps contain litter or urine within the globe for cats that dig or urinate near the globe opening. If your cat doesn't dig or urinate near the front and you prefer a wider opening, you can remove the fence and install the optional bezel guard accessory. When switching between the fence and bezel guard, ensure they are securely seated in their designated cut-outs.

Backup battery

The Litter-Robot can be equipped with a backup battery. This rechargeable 12-volt battery (1.3 Ah) battery allows the unit to continue working during power cuts. When power to the Litter-Robot is interrupted, the unit automatically will switch to backup battery mode.

Note: during backup battery mode some features will be disabled to conserve energy. Disabled features may include cameras, WiFi, PetTag, LitterHopper, night light, and LCD depending on the model. The globe may also rotate at a slower speed during backup battery mode to conserve energy depending on the model.

The battery pocket and connectors are located in the motor compartment of the base. Backup battery kits can be ordered from Litter-Robot.com or Whisker.com. Note: Use of accessories that are not sold at Litter-Robot.com, Whisker.com, or any of our authorised resellers' websites is not approved or endorsed by Whisker. Whisker is not responsible for accidents or injuries that occur from use of non-Whisker accessories. Any modifications to, or unauthorised use of, your Litter-Robot may void the warranty.

Use and care

Installing waste drawer liners

The Litter-Robot comes with complimentary waste drawer liners included in the drawer. These liners are designed for accurate waste level readings and incorporate drawstrings for easy disposal.

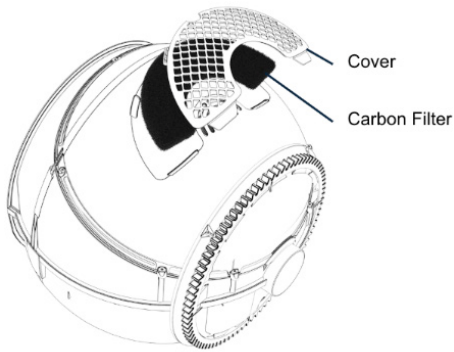
The Litter-Robot does not require special bags or liners for the waste drawer, but white bags work best. Customers often use standard 37,85-49,21 litre white kitchen bin liners or large

white plastic carrier bags. Please note that waste level readings may be inaccurate when using a dark bag, especially when the drawer is empty. As clumps start to collect in the drawer, the readings will become more accurate.

1. Open a new waste drawer liner or bag.
2. Wrap the edges of the waste drawer liner or bag over the rim of the waste drawer.
3. Push the remainder of the bag into the bottom of the waste drawer and then slide the waste drawer shut.

Carbon filter

The Litter-Robot is equipped with a flexible carbon filter pad that is installed on the outer bottom area of the globe. This filter sits directly over the waste drawer to absorb odours. Press and hold the Cancel button for 3 seconds to activate a cycle that rotates the globe to the replace filter position. In this position, the carbon filter/OdorTrap holder at the bottom of the globe will face upwards, making it easy to replace the carbon filter or OdorTrap. Follow the prompts on the LCD screen to confirm and activate the cycle. Replace the carbon filter as needed. Under normal use, one filter should last approximately 1 month. The carbon filter is not required for the unit to function.



Replacement carbon filters and other odour-absorbing accessories can be ordered at Litter-Robot.com or Whisker.com.

Optional OdorTrap® holder and packs

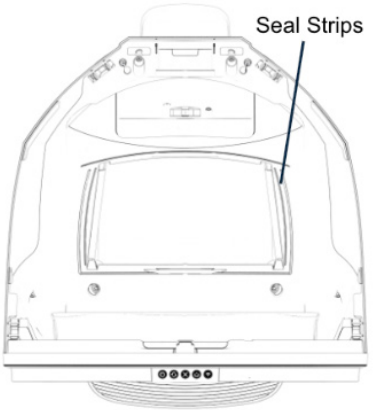
Upgrade to the ultimate odour protection by replacing your carbon filter with our revolutionary OdorTrap. Our OdorTrap holder snaps right into the Litter-Robot 5 filter cover and can fit up to three OdorTrap packs. The packs replace the standard carbon filter and sit directly over the waste drawer to eliminate odours. OdorTrap packs are sold separately and not required for the unit to function. We recommend replacing OdorTrap packs every 2-4 weeks for optimal performance.

For maximum odour control, use both a carbon filter and OdorTrap packs: the carbon filter can be placed in the dedicated filter cover, while OdorTrap packs can be placed loosely in the waste drawer, below the waste drawer liner or bag. The OdorTrap holder and OdorTrap packs can be ordered at Litter-Robot.com or Whisker.com.

Base seal strips

The Litter-Robot is equipped with brush-type seal strips on both the top and bottom of the base. These seal strips help contain odours within the waste drawer.

Replace the seal strips when you notice they are worn flat or peeling up. Make seal strips last longer by trimming loose edges between replacements. Be careful not to get them wet when cleaning the base or they may begin to peel. Replacement seal strips can be ordered at Litter-Robot.com or Whisker.com.



Emptying the Litter-Robot

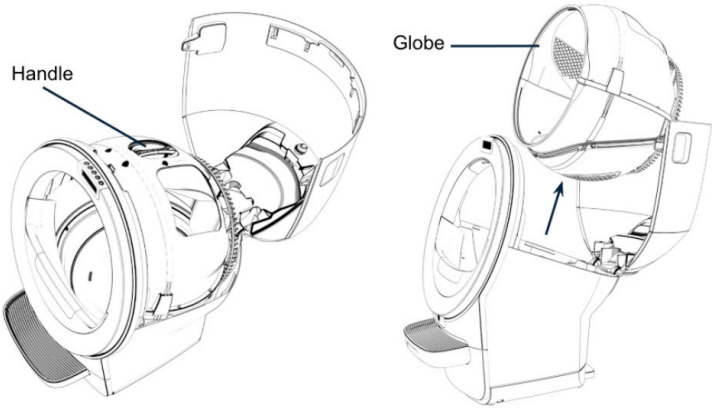
1. Press the Empty button to cycle the globe clockwise, which will allow the litter to fall through the waste port and into the waste drawer for easy disposal.
2. If litter remains in the globe, sweep it towards the waste port.
3. Press the Empty button to return the globe to the home position.

IMPORTANT: supervise and prevent your cat from entering during the Empty cycle, as the unit may not detect your cat without litter in it.

Cleaning the globe

We recommend deep cleaning the inside of the globe every one to three months. Regular cleaning and maintenance is important to ensure the longevity and performance of the Litter-Robot.

1. Short press the empty button to cycle the globe clockwise, which will allow the litter to fall through the waste port and into the waste drawer for easy disposal. Sweep any leftover litter towards the waste port. Then press Empty to return the globe to the home position. Ensure that all litter has been removed from the globe—wet litter will turn into messy clay!
2. Turn the Litter-Robot off and unplug the unit.
3. Remove accessories: if you have any accessories installed such as the LitterHopper, fence, bezel guard, or shield, remove them.
4. Open the bonnet: press and release the bonnet release latch on both sides of the bonnet, then lift and rotate the bonnet to its open position.
   Note: to remove the globe, the bonnet does not need to be fully detached from the Litter-Robot. However, if desired, the bonnet can be removed by rotating it to a 45-degree angle and lifting it upwards. To reattach, align it at the same 45-degree angle and lower it into place.
5. Remove the globe: using the handle, lift the globe off the base.
6. Remove the carbon filter or OdorTrap® holder.
7. Clean the globe with Whisker cleaner spray or wipes, or with water and a mild soap. There are no electronic components in the globe that can be damaged by soap and water. If the globe has become extremely dirty, it can be soaked and cleaned with a water hose (do not wet the base).



8. Let the globe dry completely before reassembling it to the base and closing the bonnet (see page 35).

For a quick touch-up, you can use Whisker cleaner wipes or disposable wipes to wipe the inside and upper half of the globe (without removing the litter). You can also manually rotate the globe to a position where the litter is behind the screen, providing access to the flexible globe liner surface for spot cleaning. The Litter-Robot can then be used almost immediately, since drying is nearly instantaneous.

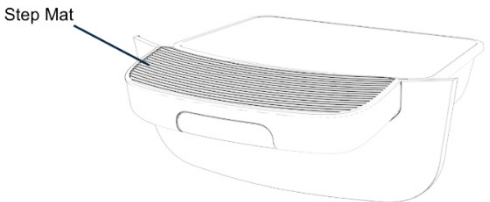
Whisker cleaner spray and wipes can be ordered at Litter-Robot.com or Whisker.com.

Cleaning the waste drawer

1. Pull out the waste drawer.
2. Clean the waste drawer with Whisker cleaner spray or wipes, or with soap and water.

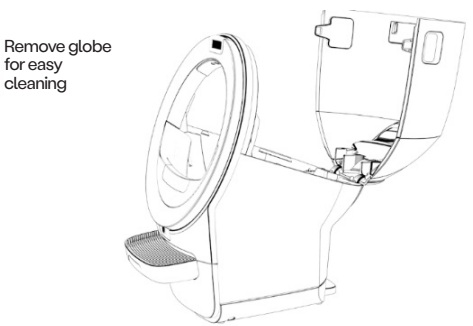
Cleaning the step mat

The Litter-Robot is equipped with a waste drawer step that provides increased ease of entry. The platform of the step includes a black rubber step mat to help catch litter as your cat exits the globe. The step mat can be removed during cleaning. To remove, pinch one of the edges of the mat and pull up until the three pegs on the bottom of the mat disengage. The step mat can be tipped upside down to dislodge loose litter, or rinsed with soap and water. Wait for the mat to dry before reassembling. To reassemble, align the three assembly pegs, place the mat on the step, and push on the mat firmly until it is securely in place.
Replacement step mats can be ordered at Litter-Robot.com or Whisker.com.



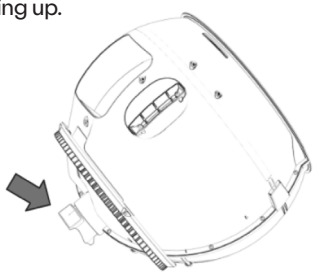
Cleaning the base

- Never submerge, spray, or soak the base or control panel. The base and control panel contain sensors and electronics.
- Wipe the surfaces of the base with a damp disinfectant cloth. If using a spray, spray it onto a cloth or kitchen roll away from the base, so disinfectant does not get onto the electronics.
- Do not use bleach.
- Gently wipe the curtain sensor lens at the top of the bezel with a clean, dry microfibre cloth.



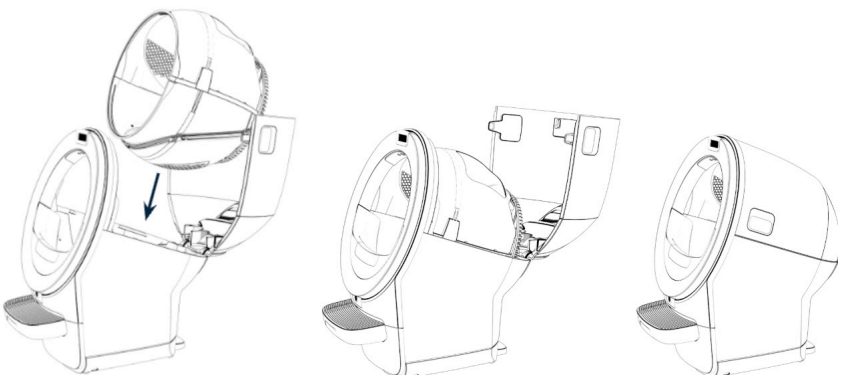
Reinstalling the globe

1. Ensure that the globe key is installed in the back of the globe and oriented with the rectangular opening facing up.



2. While holding the key in place, lift the globe and place it back into the base. The key must drop down into the pocket completely. Place the globe on the base in the approximate home position. Holding the globe by the handle and sliding it back into the base will align it approximately in the home position.
3. Ensure the back of the globe is sitting flush in the rear bearing pocket and the gear track is engaged with the motor gear.
4. Rotate the bonnet downwards with light pressure on the sides so that the bonnet hugs the globe. This will help to ensure proper alignment of the bonnet latches with the base. Push down on the bonnet from the top and make sure the bonnet has latched into place and the bonnet is secure.

Note: the unit will not run without the bonnet installed.



Frequently asked questions

Will my cat actually use the Litter-Robot?
Many cats use the Litter-Robot within several days to a week of setting it up. The Litter-Robot is designed to be as cat-friendly as possible, featuring QuietSift® technology that minimises noise during the Clean cycle. The Clean cycle will only begin minutes after your cat has exited. With the new WasteID algorithm, the Clean cycle will begin about 30 seconds to 1 minute after waste is detected. If you prefer a longer wait for skittish cats, you can still set the cycle delay to up to 30 minutes. With a little patience and encouragement, most cats will quickly adapt to the Litter-Robot. Cycle delay works differently depending on whether the WasteID odour control toggle is on or off. WasteID odour control toggle on: the selected cycle delay applies only to urine visits. Faeces visits use the faster WasteID cycle. WasteID odour control toggle off: the selected cycle delay applies to both urine and faeces visits. The WasteID odour control toggle controls whether the faster WasteID cycle is used for faeces visits. It can be turned on or off, but cycle delay cannot be disabled. Instead, you can choose a cycle delay between 3 and 30 minutes.

How can I get my cat used to the Litter-Robot?
Please refer to the section above, “Introducing your cat to the Litter-Robot,” for a full step-by-step guide. In short, it’s best to transition slowly—keep the Litter-Robot turned off at first, place it near your cat’s old litter tray, and mix in a small amount of used litter to make the scent familiar and inviting.

Can kittens use the Litter-Robot?
Yes. The Litter-Robot uses laser and weight sensor technology to detect when your cat enters and exits the globe, which triggers the countdown timer and cleaning cycle. The SmartScale® will not recognize kittens that weigh less than 1.36 kg. Kittens that weigh less than 1.36 kg can still use the litter-robot, just not in Automatic Mode. Until they weigh enough, we recommend using your litter-robot in “semi-automatic” mode to keep your kitten safe and relieve you from litter tray scooping. For “semi-automatic” mode, leave the Litter-Robot switched off or unplugged. When you see your kitten has used it, wait about 7 minutes for the waste to clump, then turn it on and press the Cycle button to perform a Clean cycle. Once the cycle finishes (about 2 minutes), turn the power off again.
This ensures your kitten stays safe while getting used to the Litter-Robot—and you won’t need to scoop!

CAUTION: leave the Litter-Robot turned OFF and only start a Clean cycle manually until you are sure that all cats in your household are heavy enough to activate the cat sensing system. Afterwards, turn it off again. Continue this supervised, semi-Automatic Mode until your kittens have gained sufficient weight to activate the SmartScale®.

Can large cats use the Litter-Robot?
Yes. The Litter-Robot 5 is suitable for cats that weigh between 1.36 and 13.60 kg, including large breeds like Maine Coons.

What if my cat won't use the Litter-Robot?
Buy with confidence knowing that your investment is backed by our 90-day at-home trial. If you or your cat are not satisfied with your Litter-Robot, simply return it for a refund of the purchase price. You only have to pay return shipping. Visit whiskerreturns.com for more information. If you purchased your Whisker product through a third-party retailer, you must coordinate the return directly with that retailer.

Is Litter-Robot safe for my cat?
Yes, Litter-Robot was designed with your cat's safety in mind. Litter-Robot features enhanced safety technology known as the Omnisense® cat detection system that uses optical sensors, weight sensors, and obstruction detection sensors for enhanced cat detection. If your cat tries to enter the globe while it is rotating, Litter-Robot will stop immediately. Once your cat leaves the step or globe, the Litter-Robot will wait 15 seconds before attempting to resume the cycle. See Omnisense® cat detection system on page 31.

Will the globe turn while my cat is inside?
No, the globe will not turn while your cat is inside. The Omnisense® cat detection system is triggered each time a cat enters, or re-enters the globe, resetting the countdown timer to prevent the Clean cycle from starting for another 7 minutes by default or the cycle delay time you select in the Whisker app.

What happens if the globe jams?
If the globe jams or an excessive load condition occurs, the unit will detect the condition with

our overload detection system (see page 32). The Litter-Robot is also equipped with pinch bar sensors in the chute (see page 32).

Does the Litter-Robot require special litter?
No, the Litter-Robot does not require special litter. The Litter-Robot works well with almost any clumping litter. We suggest litter that is formulated specifically for the Litter-Robot, including GreatLitter. Translucent or white-coloured litter (most often seen in crystal litter) may impact the LitterLevel® and Drawer Full Indicator (DFI) accuracy in Litter-Robot. The Litter-Robot is not compatible with litters that are strictly absorbent, non-clumping, loose-clumping, newspaper-based, or wood-based pellets.

How much litter do I need to put in the Litter-Robot?
Approximately 4 litres of litter by volume, not weight - litter varies in weight. Fill the globe through the circular opening with clumping litter until it meets the raised MAX fill line when spread flat. Be careful not to overfill the globe.

How often do I need to add litter?
The Litter-Robot uses litter very efficiently since the patented sifting system only removes clumps. We recommend checking the litter level against the raised MAX fill line (on the flexible globe liner) each time you empty the waste drawer, which is about once per week for a single cat or twice for multiple cats. Be careful not to overfill the globe.

Is dust a problem with the frequent rotation of the globe and the movement of the litter?
No, the Litter-Robot is equipped with a low-dust screen design that allows the litter to sift back through the screen during a Clean cycle without creating excessive dust.

How often do I need to empty the waste drawer?
This depends on the number and size of your cats. For two average-sized cats, twice per week is typical. For a single cat, once per week is usually sufficient.

How often do I have to clean the inside of the globe?
This depends on your personal preference and your cat's behaviour. We recommend cleaning the inside of the globe every one to three months. See Use and care on page 36.

How do I clean the Litter-Robot exterior?
Cleaning the Litter-Robot exterior is easy. First, remove the globe, bonnet, and waste drawer; spray or wipe them down with Whisker cleaner or with mild soap and water; or take them outside for deep cleaning with the garden hose. All other surfaces can be wiped clean, but should not be submerged.

How do I enable or disable the cameras on the Litter-Robot 5 Pro in the Whisker app?
The cameras are enabled by default. To turn off the camera, open the Whisker app, go to your Litter-Robot device, then tap on the camera, then in the bottom navigation bar, tap “controls”. On that screen you will see a power On/Off button. This will disable live video as well as event recording.

Does Litter-Robot 5 Pro support 5 GHz WiFi?
Yes. The Litter-Robot 5 Pro can be used on either 5 GHz or 2.4 GHz WiFi networks.

Should I connect to my Litter-Robot 5 Pro to 5 GHz or 2.4 GHz network?
If you have both 2.4 GHz and 5 GHz available with your WiFi, you should try 5 GHz first. This will provide the best camera experience, with less latency and fewer dropped frames. That being said, 2.4 GHz networks have longer range, so if your robot is far from your WiFi router and you are having trouble getting a reliable connection on 5 GHz, switch to 2.4 GHz.

Can the Litter-Robot 5 Pro camera tell my cats apart if they’re the same colour/size?
Our camera uses vision to identify your cats. If your cats look similar to one another, it’s possible that our system may struggle to correctly identify them. It can help if you respond to any prompts within the app to confirm which cat is which, so that our AI can learn and improve over time.

How is the Litter-Robot 5 Pro camera recognition different from the PetTag RFID system? Do I need both?

Most households will not need both. However, if multiple cats look very similar (for example two completely black cats with the same eye colour) it is possible that the camera may struggle to distinguish them. In these cases you may benefit from using the PetTag in combination with the camera.

What's included for free vs. with Whisker+?
With Whisker+, you'll get access to more detailed insights into your cat's behaviour. This includes trends and history going back two years, new graphs that make it easier to spot patterns, and a daily recap that summarises everything your cat did yesterday.

Can I share live streaming access or video events with my friends and family?
At this time, we do not offer guest accounts or viewing from any account other than the account that the product is onboarded to.

At-home trial and warranty

90-day at-home trial
Buy with confidence knowing that your investment is backed by our 90-day at-home trial. If you or your cat are not satisfied with your Litter-Robot, simply return it for a refund of the purchase price. You only have to pay return shipping. Visit whiskerreturns.com for more information.

If you purchased your Litter-Robot through a source other than Whisker, you must coordinate the return with that source according to their return policy.

Whisker customer experience
If you have questions or need assistance, contact us! Visit Whiskersupport.com to get started and to troubleshoot.

Online troubleshooting
Whiskersupport.com

Technical Details:

LR5 RF Specifications	.	.	.
Frequency Bands	MAX BW (kHz)	Modulation	MAX output power (Watt)
2400-2483.5	2,000	GFSK, 8-DPSK, P/4-DQPSK	0.007600
2400-2483.5	40,000	DSSS, OFDM	0.093000
Inside Globe	38.10-48.26 cm	48.26 cm	45.72 cm

Technical Details:

LR5 Pro RF Specifications	.	.	.
Frequency Bands	MAX BW (kHz)	Modulation	MAX output power (Watt)
2400-2483.5	2,000	GFSK, 8-DPSK, P/4-DQPSK	0.007600
2400-2483.5	40,000	DSSS, OFDM	0.093000
Inside Globe	38.10-48.26 cm	48.26 cm	45.72 cm

Caution – use of controls or adjustments or performance of procedures other than those specified herein may result in hazardous radiation exposure.

FCC statements:

FCC Part 15 Statement:
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.

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 a mains socket on a circuit different from that to which the receiver is connected.
- Consult the dealer or an experienced radio/TBV technician for help.

Caution: any changes or modifications not expressly approved by the party responsible for compliance could void the user's authority to operate the equipment.

Litter-Robot 5 Model Number: LR5-0101 & LR5-0301
Litter-Robot 5 Pro Model Number: LR5P-0101 & LR5-0301

This device complies with part 15 of the FCC Rules and with Industry Canada license-exempt RSS standard(s). 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.
To ensure compliance with FCC RF exposure requirements this device must be installed to provide a minimum of 20 cm between the device and people.

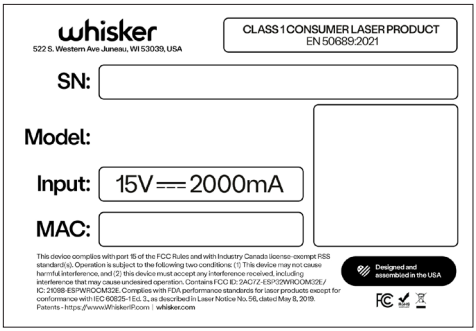
Whisker
1080 W Entrance Drive
Auburn Hills, MI 48326
877-250-7729

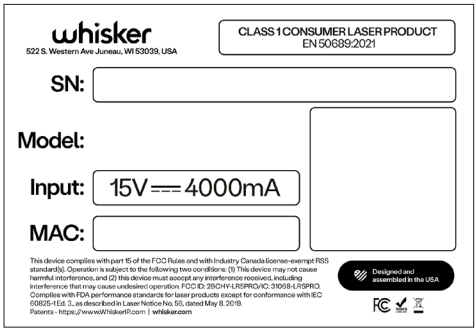
Complies with FDA performance standards for laser products except for conformance with IEC 60825-1 ed. 3., as described in laser notice no. 56, Dated May 8, 2019.

This is a Class 1 Laser Product in accordance with IEC 60825-1:2014.

This laser product is safe under reasonably foreseeable conditions of operation, including the use of optical instruments for intra-beam viewing.

This unit complies with the following standards:
IEC 60825-1:2014
EN 60825-1:2014/AM11:2021
EN 50689:2021


whisker
522 S. Western Ave Juneau, WI 53039, USA
CLASS 1 CONSUMER LASER PRODUCT
EN 50689:2021
SN:
Model:
Input: 15V ⎓ 2000mA
MAC:
This device complies with part 15 of the FCC Rules and with Industry Canada license-exempt RSS standard(s). 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. Contains FCC ID: 2ACYZ-ESP32WROOM32E/ IC: 21088-ESPWROOM32E. Complies with FDA performance standards for laser products except for conformance with IEC 60825-1 Ed. 3., as described in Laser Notice No. 56, dated May 8, 2019.
Patents - https://www.WhiskerIP.com | whisker.com
Designed and assembled in the USA


whisker
522 S. Western Ave Juneau, WI 53039, USA
CLASS 1 CONSUMER LASER PRODUCT
EN 50689:2021
SN:
Model:
Input: 15V ⎓ 4000mA
MAC:
This device complies with part 15 of the FCC Rules and with Industry Canada license-exempt RSS standard(s). 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. FCC ID: 2BCHY-LR5PRO/IC: 31068-LR5PRO. Complies with FDA performance standards for laser products except for conformance with IEC 60825-1 Ed. 3., as described in Laser Notice No. 56, dated May 8, 2019.
Patents - https://www.WhiskerIP.com | whisker.com
Designed and assembled in the USA

whisker Litter-Robot® 5



1080 W Entrance Dr
Auburn Hills MI 48326
Whisker.com

Designed and assembled in the USA

LR5-8099