

LooSeal **ELITE**

User Manual

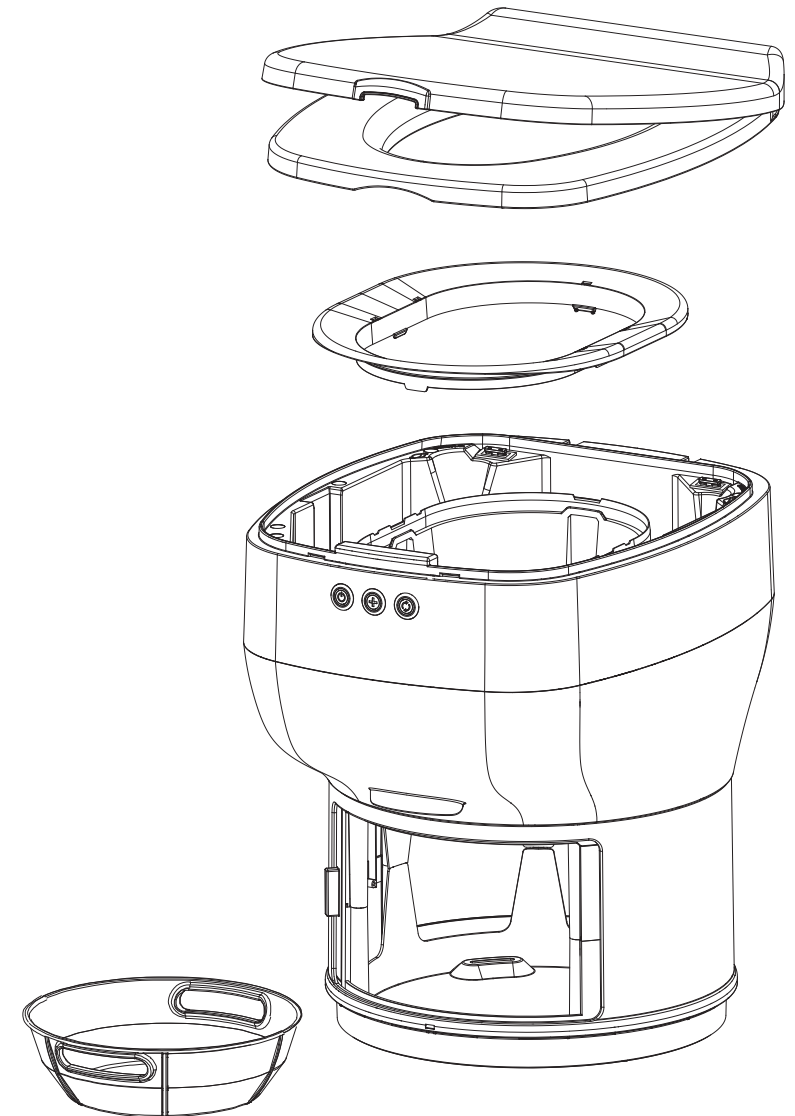
LooSeal
BY CARAVAN & CAMPING AUS

All Things Caravanning



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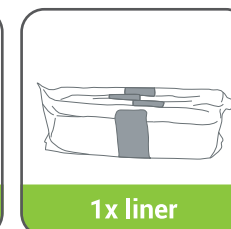
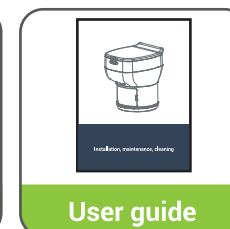
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1. Introduction

1.1 Contents list



1.2 About this user manual

These instructions for use will familiarise you with the features and functions of the LooSeal ELITE waterless sealing toilet. The instructions contain important information for the correct and safe use of the toilet.

- » Read these instructions for use carefully before using the toilet for the first time.
- » Keep these instructions in a safe place so that you always have the information to hand.

Only use original products for the LooSeal ELITE toilet. Original consumables and accessories can be purchased via our Online store below, alternatively scan the QR code.

www.looseal.com.au



2. Safety instructions

2.1 Intended use

The LooSeal ELITE automatic, waterless sealing toilet is designed for the packaging and disposal of faeces and hygiene products. The packaging of nappies or organic waste is also possible. Other uses are not permitted.

Possible misuse

Improper use of the appliance can lead to property damage and personal injury. The appliance is not suitable for the following uses, for example:

- » Bagging pointed or sharp-edged objects (e.g. shards, needles, razor blades)
- » Bagging burning or glowing objects (e.g. ashes, cigarettes, matches)
- » Bagging of liquids and chemicals that could react with the bags
- » Bagging of food or living creatures
- » Use as a climbing aid, climbing aid

2.2 User qualification

Persons who are not familiar with the appliance and persons with physical, sensory or mental disabilities may only use the LooSeal ELITE under supervision or under the instruction of a responsible person. Children under the age of 6 may not use the toilet without supervision. Children must also not play with the appliance.

Repair work is reserved for authorised specialist personnel. If necessary, contact your specialist dealer.

2.3 Operational safety

General:

- » Check regularly that all functions are being carried out correctly and properly.
- » After each use and before leaving the LooSeal ELITE unattended, make sure that the sealing process is complete and the toilet is ready for use again.

The soft-close mechanism closes the toilet lid automatically. This mechanism will be damaged if the lid is pushed down by hand.

- » Do not push the toilet lid down.
- » Never use the toilet without the liner inserted.

Suitable liner:

LooSeal ELITE liners ensure that the toilet functions reliably. The use of other liners can lead to various malfunctions.

- » Only use original liners and super absorbers. The warranty is void if other liners are used.

Integrated battery:

- » Fully charge the battery before using it for the first time
- » Use a 9-30 V direct current source to charge the battery.
- » The battery pack must NOT be dismantled or modified.
- » Switch off the appliance when the toilet is not in use.
- » It is recommended to charge the battery at least every 3 months, even when not in use.
- » Switch off the toilet if the battery is overheated. Remove the internal and external fuses and contact your specialist dealer.

Correct application:

- » The toilet must be installed stably on a level floor.
- » The maximum load capacity is 150 kg.
- » Keep the area around the toilet free of objects, children and pets when using the toilet.
- » DO NOT insert any body parts into the inside of the toilet, as moving parts can cause injuries.
- » DO NOT sit or stand on the toilet when it is working.
- » DO NOT throw sharp objects into the toilet.
- » DO NOT throw burning or glowing objects into the toilet.
- » DO NOT use the toilet under extreme conditions (e.g. extremely hot, cold, damp).
- » DO NOT use the toilet without a correctly inserted and tightly sealed liner.

2.4 Cleaning and maintenance

- » LooSeal ELITE is not permanently installed: If necessary, disconnect the toilet from the charger and switch it off.
- » LooSeal ELITE permanently installed: Disconnect both fuses (internal and external) and switch them off.
- » Use a soft, damp cloth with a neutral detergent to clean the toilet. Do NOT use bleach.
- » Do NOT clean the toilet with running water or by immersing it in water.
- » Can be cleaned: The toilet lid, toilet seat, housing surface and tub area. Do NOT clean the inside of the toilet.

Maintenance may only be carried out by qualified personnel authorised by the dealer or manufacturer.

2.5 Modifications and repairs

Incorrectly carried out repairs can lead to personal injury or damage to property.

- » Do NOT open the toilet body.
- » NO components may be installed or changes made to the appliance.
- » If you suspect a defect, please contact your dealer

2.6 Other risks

Live parts

Opening the toilet body can expose live parts. There is a risk of life-threatening electric shock.

- » Do NOT open the toilet body.

Water ingress

Water can penetrate the inside of the toilet through an unsealed lid or through some components and damage the electronic control unit or the sealing mechanism. This can result in malfunctions and pre duct damage.

- » Do NOT expose the open sealing unit to water (e.g. by showering). When closed, the toilet is watertight.
- » Only use the toilet when seated.
- » Do NOT operate the LooSeal ELITE in a wet room if the humidity is very high.
- » If the sealing unit has come into contact with water, leave the toilet to dry for 24 hours without the film liner inserted.

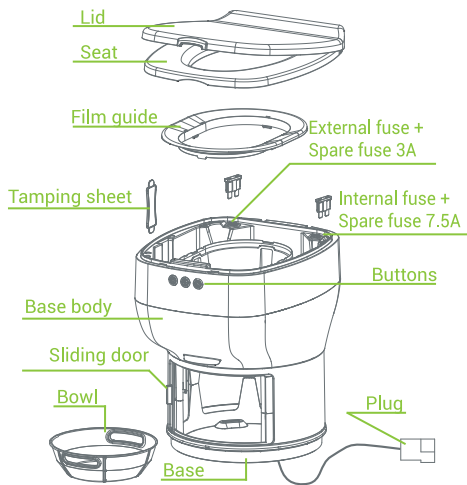
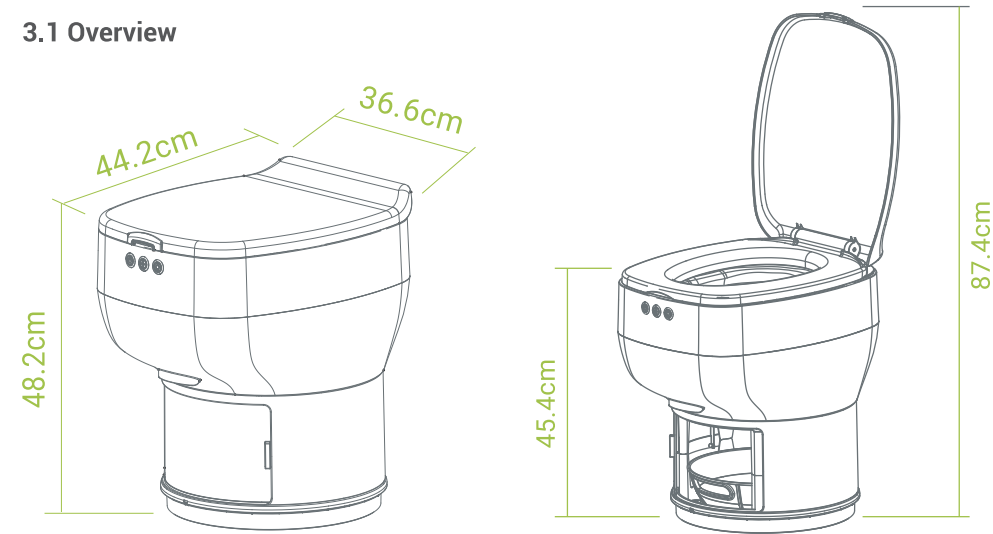
Substances hazardous to health

Swallowing the absorber can lead to nausea and stomach problems. Eye contact may cause severe eye irritation.

- » Keep the absorber out of the reach of children and pets.
- » Please refer to the safety data sheet of the absorber on our website www.looseal.com.au
- » In case of eye contact, rinse the eye with running water for several minutes.
- » If the absorber is swallowed, rinse your mouth with water and drink plenty of water.
- » If symptoms persist, always consult a doctor.

3. Design and function

3.1 Overview

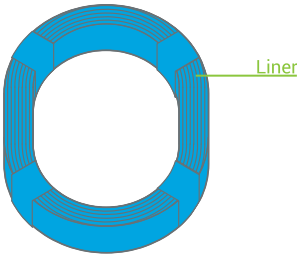


After each use, the toilet seals the contents in a separate bag.

The LooSeal film bags consist of a multi-folded, continuous liner that has previously been pulled onto the film guide and inserted into the film chamber. The liner imitates a toilet bowl.

After triggering the sealing process using the "Start" button on the control panel, the toilet automatically pulls the liner off the guide, seals it and prepares the toilet for the next use.

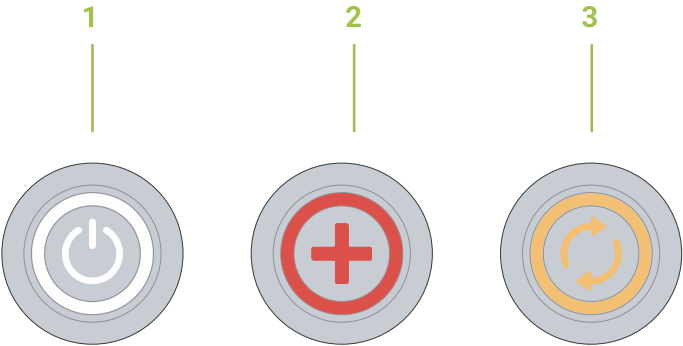
After the sealing process, the odour-tight sealed bags fall into the tray.



PIN1= minus (earth)
PIN 2 +12V/24V
Würth plug no.: 055510022

NOTE: The toilet can also be connected directly without a plus. To do this, the plug must be removed and the wires exposed.

3.2 Buttons



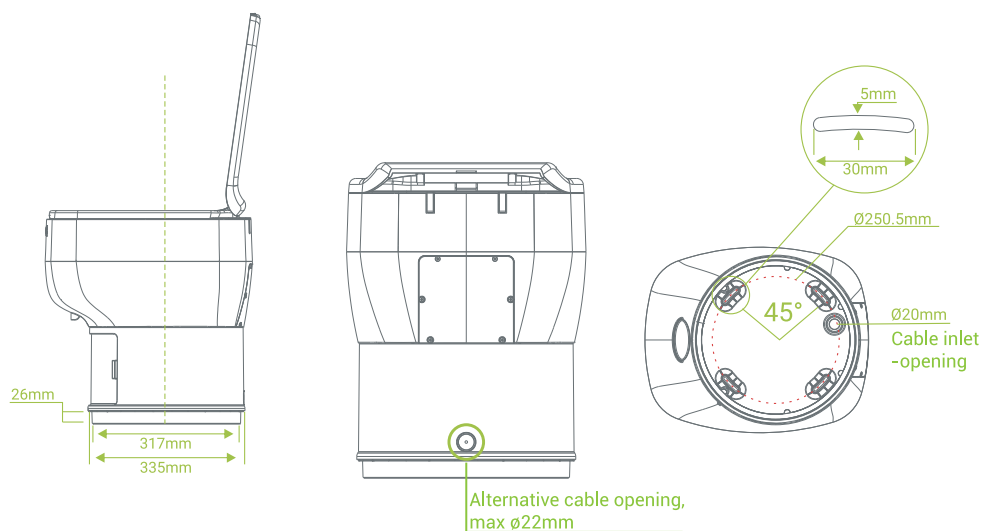
No.	Button description	Function
1	"Start" button	Press the start button to start the toilet. After 5 minutes of inactivity, it switches to sleep mode.
	LED on (White)	Once awake, the white LED will stay illuminated. In sleep mode, the white LED will flash to indicate that the toilet is charging
2	"PLUS" button	Press and hold the PLUS button to move the liner further down. For example, for a larger bag or to change the liner.
	LED on (Red)	1) If the red light lights up continuously, the battery is low. Please charge it immediately. 2) If the red light flashes, the appliance is malfunctioning.
3	"ACTION" button	Press the action button for 2 seconds until you hear a beep. The toilet then starts flushing. A standard-size bag is created.
	LED on (Yellow)	1) If the yellow LED flashes, the sealing process is in progress. The sealing time depends, among other things, on the ambient temperature. On hot days, the process takes longer as the cooling time is longer. 2) If the yellow LED lights up continuously, the top cover or slide door is open during sealing. Please close both to finish the process.
2+3	"ACTION" button + "PLUS" button	If you press both buttons at the same time for 2 seconds, direct sealing begins and a smaller bag is created.

4. Installation

4.1 Installation instructions

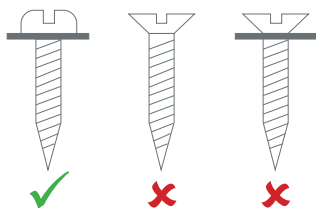
- » The LooSeal ELITE ideally should be installed by trained or authorised personnel.
- » Before installation, the vehicle's power supply and the internal and external fuses of the toilet must be disconnected.
- » Safety regulations that apply on site must be observed. Electrical work may only be carried out by electricians.
- » Damaged or exposed insulation on electrical cables should be repaired immediately.

4.2 Dimensions of the toilet body



4.3 Installation material and tools

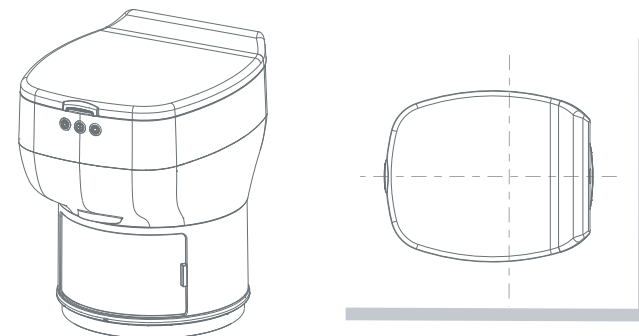
1. Matching screws, diameter 5mm, Flat head with washer. 4 pieces, not smaller than 15mm Outer diameter
2. Suitable screwdriver
3. Würth connector
Housing Art. Nr.: 055510023,
PIN Art.-Nr.: 055589917
4. Depending on customer requirements, the alternative cable opening can be used. In this case, the cable must be secured with a suitable watertight sleeve. The sleeve is not included in the scope of delivery. The hole for the sleeve must be drilled from the outside.



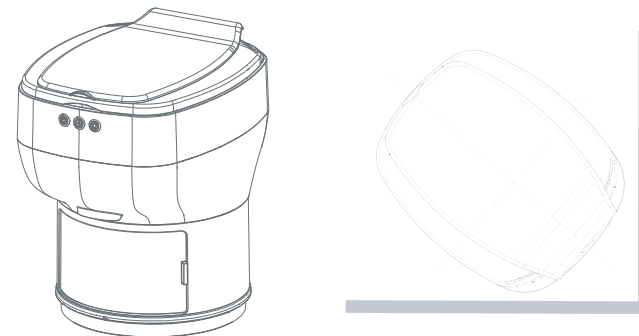
4.4 Installation conditions

1. The LooSeal ELITE offers two different lid units: a standard lid unit and a small lid unit. This can be selected as required.

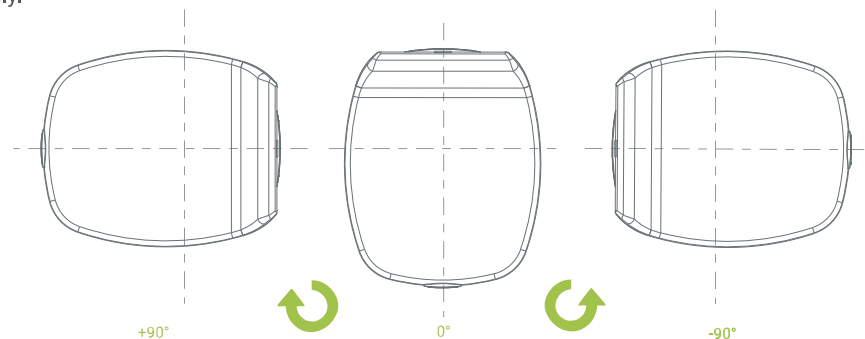
Standard ceiling unit:
For use in locations without
structural restrictions



Small cover unit:
For use in corners or tight
angles. (not waterproof)



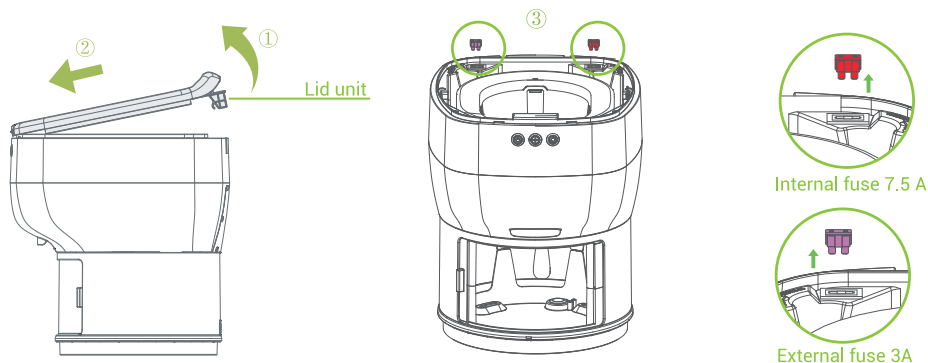
2. The upper part of the LooSeal ELITE can be rotated 180 degrees for both versions. It can be rotated to the appropriate position depending on the installation conditions.
IMPORTANT: There must be sufficient space around the sliding door so that the bags can be removed easily.



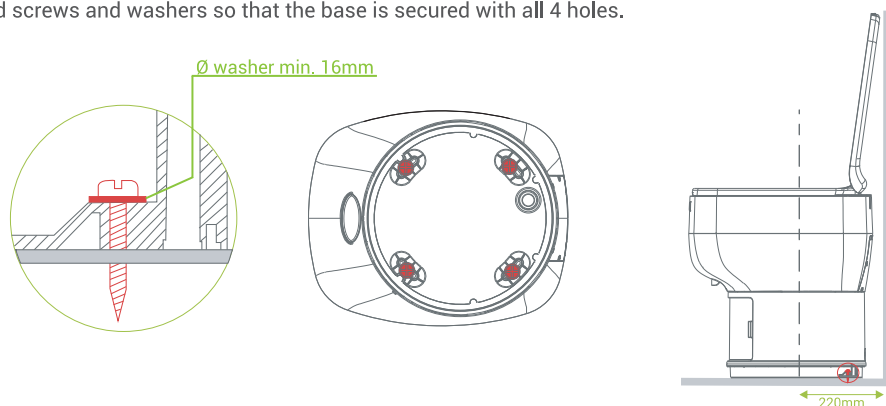
4.5 Installation steps

1. Lift the toilet lid unit (incl. seat) about 10cm **from the rear** (1) and then pull the lid forwards (2) to remove the lid unit. Then remove the internal and external fuses (3) and disconnect the power supply to the vehicle.

IMPORTANT: Never pull up the cover unit at the front first.



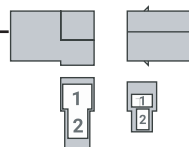
2. Before installing the toilet, try out the position as well as the swivel and lid position. When installing in the desired location, make sure that the distance from the centre of the toilet floor to the wall is at least 220 mm. More space should be left for more comfort. Fix the toilet with flat-head wood screws and washers so that the base is secured with all 4 holes.



3. Connect the external cable plug to the vehicle plug and connect the positive and negative poles. Connect the internal and external fuse. Switch on the vehicle's power supply to start charging the toilet's built-in lithium battery.

The toilet is supplied with connectors.

Würth connectors
Housing art. no.: 055510022
PIN art. no.: 05589960
PIN1 = minus (ground)
PIN2 = +12V/24V



Ensure that the connected plug complies with the following specifications.

Würth connector housing
Item no.: 055510023
PIN art. no.: 05589917
PIN1 = minus (ground)
PIN2 = +12V/24V

5. Preparation

5.1 Checking the condition of the toilet

Always check that the toilet is in working order before using it.

1. The toilet is stable and secure.
2. The input charging cable is correctly connected to the 12 V or 24 V power supply. Red = positive pole, black = negative pole
3. The white LED lights up and signals that the toilet is switched on.
4. If the red LED lights up, the battery is low and needs to be recharged. Charging time approx. 2-3 hours. The BMS integrated in the toilet usually takes over the charging process automatically, as long as there is power to the toilet.
5. A liner is correctly inserted, firmly sealed and not already at the end of its capacity. The end of the capacity is recognised by the visible text "STOP" printed on the liner.
6. Ensure that there are always enough refill foils and LooSeal Super-Absorber near the LooSeal ELITE.

5.2 Charging the battery

The charging input of the device is 9-30 V DC. The battery is fully charged the first time it is connected to a vehicle power source.

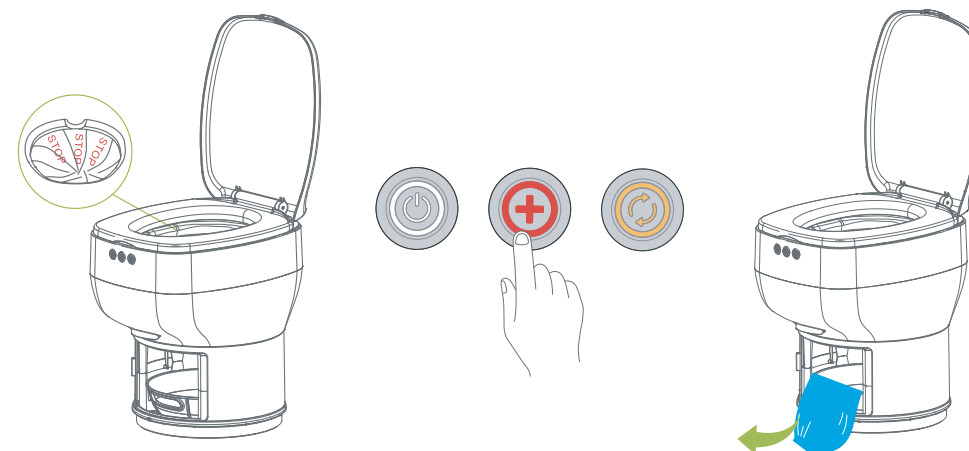
5.3 Insert or replace liner

The LooSeal liner consists of a special bio-plastic film. This means that the film begins to degenerate and leak after a maximum of 6 months after opening the airtight packaging. We therefore recommend changing the liner after 3 months at the latest, even if it has not yet been used.

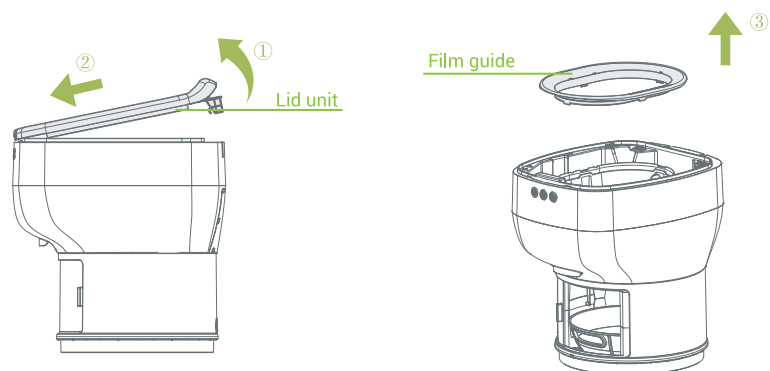
If you see "STOP" on the liner in the toilet, this means that the liner will soon be used up and should be replaced with a new one.

To replace an existing film or insert a new film, please proceed as follows:

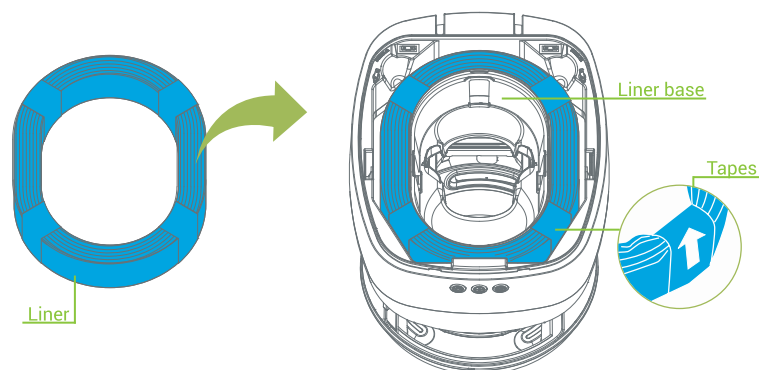
1. Press and hold the "Manual" button on the control panel until the old liner in the toilet is completely removed.



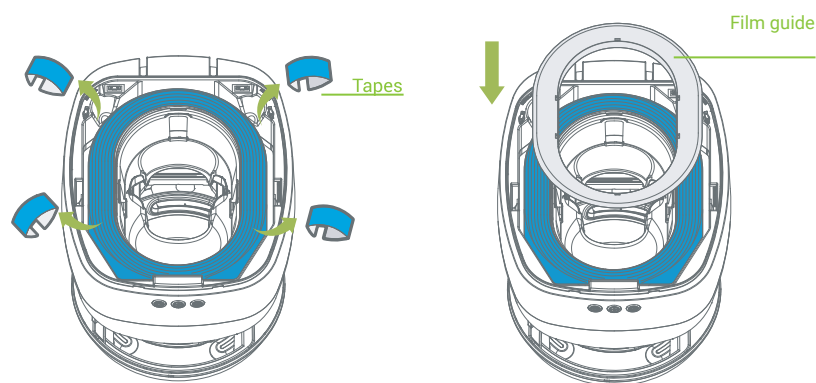
2. Lift the toilet lid incl. seat from behind by about 10cm (1). Pull the cover unit forwards and remove it (2). Remove the film guide. (3).



3. Place the liner roll around the liner base. The arrow mark on the tabs must point upwards.



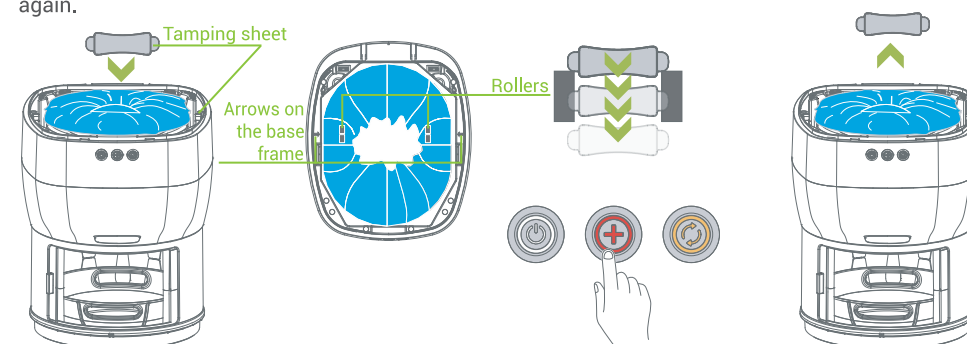
4. Remove the 4 tabs and place the film guide on the liner base.



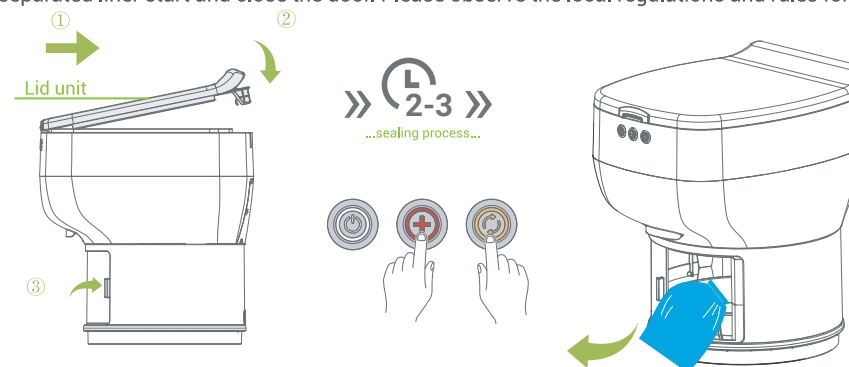
5. Pull the film upwards about 20cm from the outer edge, then bundle it and push it into the toilet. Please insert evenly so that the film is not pulled in at an angle later.



6. Remove the tamping blade from the holder at the side end of the toilet. Press the tamping blade with the foil downwards along the arrow marks on the housing. Remove the stopper sheet and stow it away again.



7. Press the "Plus" button and the "Action" button simultaneously for approx. 2 seconds. The toilet will now seal. The newly inserted liner is sealed after approx. 90 seconds. open the sliding door, remove the separated liner start and close the door. Please observe the local regulations and rules for disposal.



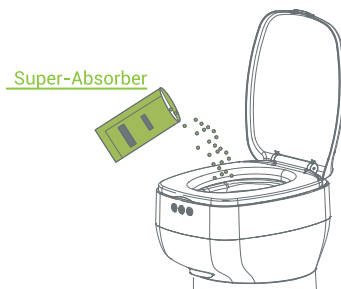
Scan to watch step-by-step video

6. Operating steps while using the toilet

6.1 Use Super-Absorber

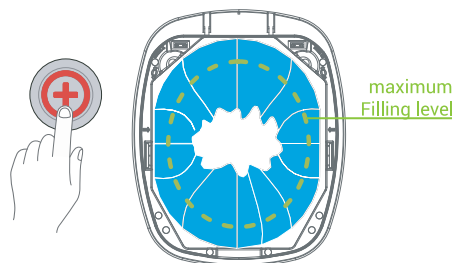
Put a bag of Super-Absorber in the toilet before using the toilet. We recommend the absorber for binding liquids. The powder converts liquids in the foil bag into gel and thus serves as additional leakage protection as well as an odour stop.

Please note that the super absorber is an optional consumable and can be purchased separately.



6.2 Note the fill level

The toilet paper must not exceed the specified maximum filling height, otherwise the sealing seam will be interrupted. The maximum filling height is approximately half of the film area. If more space is required in the bag or the bag needs to be enlarged, this can be done simply by pressing and holding the "PLUS" button.



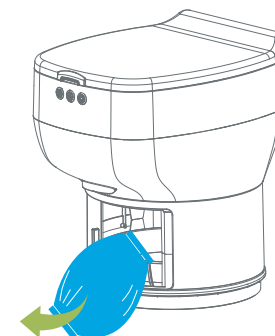
6.3 Start the sealing process

Close the lid and the sliding door (otherwise the sealing process will not start)

Press and hold the "Action" button for 2 seconds. You will hear a beep, then the toilet will start the sealing process. The yellow light on the "Action" button flashes. The process takes approx. 90 seconds. then the yellow light goes out and you hear a beep. The sealing process is complete. The sealed and separated bag falls into the tray in the lower compartment of the toilet. open the sliding door, remove the bag and dispose of it according to local regulations, similar to baby nappies. If no action is taken within 5 minutes, the system switches to sleep mode and can be reactivated by pressing the power button on the left-hand side.



If there is very little waste, the "PLUS" and "Action" buttons can be pressed simultaneously for 2 seconds. This creates a smaller bag.



7. Cleaning

As the LooSeal ELITE works without water and the liner renews itself with every use, the cleaning effort is very low. However, we recommend cleaning the seat, lid and the surface of the toilet body regularly with a damp cloth and commercially available cleaning agents:

CAUTION : Improper cleaning can result in damage to the toilet.

- 1) Switch off the toilet before cleaning and disconnect the charging cable from the power supply.
- 2) Do NOT clean the toilet with running water or by immersing it in water (e.g. with a hose).
- 3) Do NOT use bleach. Use a soft, damp cloth with a neutral detergent to clean the toilet.
- 4) DO NOT clean any parts inside the toilet.

8. Maintenance

Maintenance may only be carried out by qualified personnel authorised by the specialist dealer or manufacturer.

CAUTION: Do not open the toilet body.

Opening the base body can lead to irreversible damage to the LooSeal ELITE. This will invalidate the warranty.

9. Error codes

Error	Malfunction	Solutions
	lights up permanently	Low battery Check whether the external fuse is working properly. Connect the external power supply (12V / 24V). If the error persists, please contact your Dealer.
	flashes	Foreign body in the sealing unit Remove the foreign body. Then restart the toilet by removing and reinserting the internal and external fuses. If the error persists, please contact your Dealer.
	lights up permanently	Toilet not closed Close the toilet lid and the sliding door. If the error persists despite the toilet being closed, restart the toilet by removing and reinserting the internal and external fuses. If the error persists, contact your dealer.

10. Troubleshooting

Malfunction	Possible cause	Solutions
Power indicator does not light up	The toilet is in sleep mode	By pressing the start button, the toilet can be reactivated. After activation, the operating indicator on the left lights up. If no sealing process is carried out within 5 minutes, the toilet switches back to sleep mode.
Switch off during sealing	Low battery voltage	1) The external fuse may have blown. Please replace it with a spare fuse. 2) The external power supply for charging the device is not connected. Please reconnect the external power supply. Please wait approx. 2-3 hours after reconnecting the power supply before using the device again.
Poor or no separation of the bag	There is a foreign object in the toilet	Remove the object and restart the toilet by removing and reinserting the internal and external fuses. Then start the sealing process again.
	The heating or cutting device is defective.	Please contact your dealer.
Film torn	-	Press and hold the "PLUS" button to extend the film until no more holes are visible in the film. Press the "Action" button to seal the film as described in the "Preparation" chapter.
The film wraps itself or around the rolls.	There are too many sealed bags in the toilet, blocking the film.	Pull the film out of the rolls. Remove all finished bags from the bowl. Start a new sealing process.

11. Consumables and accessories

Only use original products for the LooSeal ELITE toilet. Original consumables and accessories can be purchased via our Online store below, alternatively scan the QR code.

www.looseal.com.au



12. Frequently asked questions (FAQ)

All FAQ & information can be found at www.looseal.com.au/faqs

Is LooSeal truly chemical and water-free?

Yes. Unlike traditional cassette or composting toilets, LooSeal requires no chemicals, no water, and no plumbing. The sealing technology handles hygiene completely through the bag system.

Can I dispose of sealed bags in general waste?

Yes. The sealed bags are designed for safe disposal in household rubbish (general waste bins). Always dispose responsibly in line with your local council regulations.

Are the sealed bags odour-proof?

Yes. All our biodegradable liners keep sealed bags completely odour-proof and leak-proof for up to 2 weeks. Medical grade non-degradable liners will stay odour-proof and leak-proof indefinitely.

How do I replace the liner?

To install a new liner in your LooSeal toilet, first remove the toilet seat from the rear of the unit, then remove the grey plastic film guide. Take the liner out of its sealed package and place it over the toilet, making sure the arrows on the liner are pointing upwards. Next, remove the four plastic retaining tabs. Reinsert the grey plastic film guide, then feed the liner from the outside of the roll, over the guide, and down into the toilet. Ensure there is enough liner extending into the toilet so that it reaches the heating element. Using the tamping sheet, gently push the liner down into the rollers until it is correctly positioned. Finally, reinstall the toilet seat and run the toilet through a flush cycle to seal the liner and start your first bag. Scan the QR code on page 13 of this manual to watch a step-by-step video.

Is the toilet ready to use again immediately after sealing?

Yes. Once the sealing cycle completes (2-3 minutes), the toilet is immediately ready for the next use.

Do I have to seal after every use?

No. You can use the toilet multiple times before sealing, as long as you don't exceed the fill line or 600ml (600g) without lowering the bag to the ground.

Can LooSeal handle items other than human waste?

Yes. LooSeal can hygienically seal food waste, feminine products, nappies, and similar items. Avoid inserting sharp objects or hot materials, and don't exceed the fill line or 600ml (600g) without lowering the bag to the ground.

Is the absorber powder required?

Not required, but recommended for liquids only. The super absorber powder turns liquids into gel for easier handling, better hygiene, and eliminates smells, especially useful when using the same bag overnight or for longer periods. Each sachet can turn 350ml of liquid into gel within one minute.

When installing a new liner, do I have to seal the bag?

Yes. When starting a new liner bag, you must always run the toilet through a cycle to seal the bag. Watch the instructional video for how to install a new liner.

How do I know when I need to change the liner?

All liner rolls are printed with a "STOP" warning which means the liner is depleted and to install a new one.

How much liquid can each bag hold when using the system overnight?

For best performance during overnight use, we recommend filling each bag with no more than 600ml (or 600g) before running a flush cycle. This helps keep the bag securely positioned within the rollers and ensures reliable operation overnight. If the bag is lowered to the ground using the "+" button so it is no longer being supported in the rollers, weight is not an issue and you can use until the fill line.

My toilet stopped halfway through a flush cycle and is now beeping, with the red "+" button flashing. What does this mean?

This indicates there was an issue during the sealing process, usually caused by an obstruction in the heat sealing arms. Check the sealing area and remove any objects or material blocking the mechanism. Remove the toilet lid, then remove the brown 7.5A fuse and reinsert it after a few seconds to reset the system. Once the lid is reinstalled, the sealing arm will automatically return to its starting position and the toilet will be ready to flush again.

Why will my toilet not flush?

The toilet will not flush if the lid is open or if the access door is not fully closed. Make sure both the lid and access door are securely closed before attempting to flush again.

How many flushes per charge?

The LooSeal Elite features a built-in rechargeable lithium battery that provides up to 100 sealing cycles per full charge.

What voltage does LooSeal operate on?

LooSeal Elite operates on 9–30V DC, making it compatible with standard 12V and 24V vehicle/boat systems.

Can I connect LooSeal to mains power (240V)?

Yes. The Elite can connect to 240V mains using the optional LooSeal power adapter

Do I need to upgrade the wiring in my van to accommodate the power draw?

No. The LooSeal Elite draws from its own built-in battery and keeps it topped up from your vehicle battery when powered off. The draw is only ~2 amps, so there's no need to upgrade your wiring.

Does the LooSeal Elite need to be connected to my caravan's battery?

Yes. The LooSeal Elite is designed to remain connected to power so it can keep its internal battery charged while in sleep mode. After five minutes of inactivity, the unit automatically enters sleep mode and begins recharging. As there is no battery level indicator, we recommend keeping the unit connected to power at all times.

How much weight can LooSeal support?

LooSeal supports up to 150kg.

Is LooSeal waterproof?

Yes. The LooSeal Elite has an IPX4 waterproof rating when the lid is closed, making it suitable for showers and wet areas.

13. Waste disposal and the environment

Waste management regulations can vary slightly between regions. We recommend checking with relevant local councils.

14. Technical data

Feature	Value
Model	CCA-R1808
Colour	White
Dimensions (lid open)	44.2 x 36.6 x 87.4 cm (DxWxH)
Dimensions (lid closed)	44.2 x 36.6 x 48.2 cm (DxWxH)
Recommended room width	40 cm
Seat height	45.4 cm
Weight	9.7 kg
Max. Load capacity	150 kg
Material	PP, ABS, POM, silicone, stainless steel
Battery	Lithium-ion 55.5 Wh
Battery charging time	approx. 2.5 h
Battery charger	Input 9-30 VDC / 2A
Battery range	approx. 100 uses (1-2 weeks for 2 people in continuous use)
Performance	60 W (max)
Power consumption (per use)	0.4 Wh
Power consumption (Standby)	0.05 Wh
Operating conditions	0°C - 40°C, 20% - 80% rH
Storage conditions	-20°C - 60°C, 5% - 95% rH
Waterproof	Yes (when toilet is closed)
Handle	Yes
Toilet lid	with soft close
Cycle for one Sealing process	2-3 minutes
Recommended substrate	Super absorber (optional consumable)
Fastening	Freestanding
Disposal of the bags	Residual waste



WARNING

Risk of injury!

While the toilet is in automatic mode, do not reach into the toilet.



CAUTION

Danger of falling

due to weight overload. Please observe the maximum weight.



CAUTION

Crushing hazard for fingers

Be careful when closing the toilet lid and the sliding door.



CAUTION

Danger of electric shock

Device is energised by a rechargeable battery even without mains operation.



NOTE

The toilet must not be used as a step, ladder, ladder substitute or staircase.



NOTE

Small children should not use the toilet unsupervised.