

Separett[®]
Waterless toilets

EN



**An easier everyday life
with waterless toilet solutions**

Permanent residence | Vacation home | Cottage | Caravan | Motorhome | Tiny House | RVs | Outdoor toilet
Boat | Construction | Preparedness

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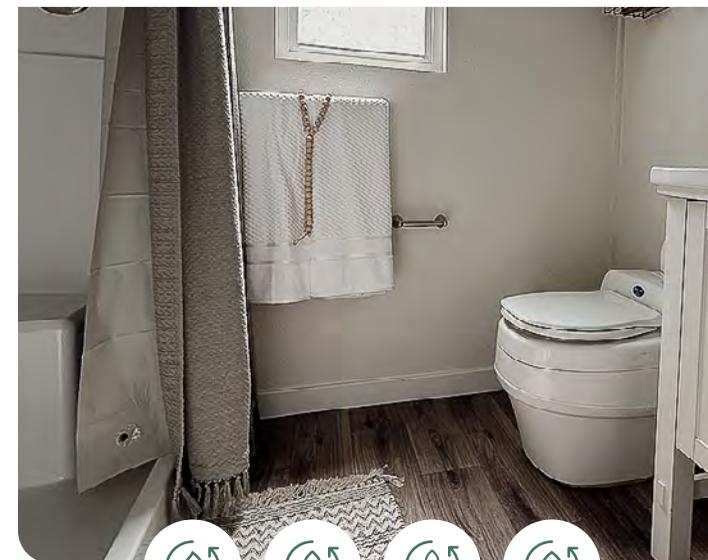
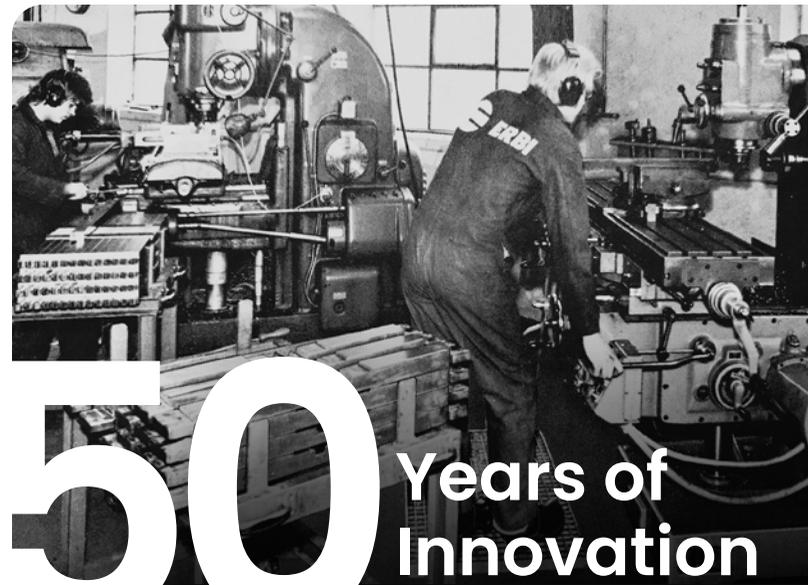
We develop water- and sewage-free toilets with the vision of contributing to a higher quality of life for the many

Read about the advantages of a toilet solution from Separett on page 34



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1976. Founder Gerhard Billsund is searching for a toilet solution for his holiday home and identifies a gap in the market. The vision of waterless and sustainable toilets begins to take shape.

1993. Separett launches the market's first urine diverting toilet. This marks the beginning of our journey as pioneers in source-separating sanitation.

2003. Separett introduces the new, modern urine-diverting toilet VILLA 9000, designed with customer needs in mind. In less than a year, the VILLA 9000 becomes a best-seller.

2010. Incinerating toilets are introduced to the product range and gain strong traction on the market.

2023. Separett becomes part of Lundahl & Hall, unlocking new resources and synergies for the future.

2025. Launch of the NOVA incinerating toilet with automatic flushing. We also introduce WEEKEND PRIME – a urine diverting toilet with no electricity or installation required.

1970 1980 1990 2000 2010 2020 2025

1980. Launch of the Classic 3000 – one of the first waterless toilets designed to meet the needs of Nordic holiday homes.

1987. Separett begins focusing exclusively on developing, producing, and selling water- and sewage free toilets for Nordic holiday homes.

2016–2021. Separett expands and establishes subsidiaries in Finland, the USA, and Germany.

2021. Separett TINY receives the European Product Design Award for its sleek design and smart functionality.

2026. Separett celebrates five decades as a leader in urine diverting toilet solutions. New goals, renewed ambition, and continued innovation keep driving us forward.

Separett's Toilet Solutions

Separett is proud to lead the development of water- and sewage-free toilet solutions. Since our inception, our goal has been to offer sustainable and innovative solutions that meet the sanitation challenges of today and tomorrow.

Our toilets are designed to function in all environments, from cottages and RVs to homes in areas with limited access to water and sewage systems.

With our expertise and dedication, we continually work to improve and develop our products. By listening to our customers and collaborating with experts across various fields, we strive to create the most efficient and user-friendly sanitation solutions on the market.

A goal that influences our entire organization is the UN's Sustainable Development Goal No. 6 – Clean Water and Sanitation for All. We aim to be a contributing factor in

creating a world where everyone has access to safe and hygienic toilet solutions.

Swedish-Made and CE-Certified

Separett's products are manufactured in Sweden with a focus on quality and sustainability. Our products are also CE-certified, meaning they meet the EU's safety, health, and environmental requirements. The CE marking guarantees that the products are reliable, safe to use, and maintain a high standard in line with Swedish manufacturing principles.

Thank you for choosing a Separett!



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Which Toilet Solution Suits You?

Incineration Toilet

The toilet for those who prefer easy handling. Waste is incinerated in a combustion chamber, leaving behind clean ash as the end product. High safety standards ensure secure and convenient ownership. A smart toilet solution for any location!

Privy & Camping Toilet

The urine diverting Privy can be quickly installed in an existing outdoor toilet and is available with a plastic, styrofoam, or wooden seat. Minimal odor, less waste, and fewer emptyings. If you need a portable solution, the Rescue Camping is the perfect choice – you'll always have a toilet with you wherever you go.

Urine Diverting Toilets

The toilet for those who want to contribute to the natural cycle. Urine and solid waste are separated, resulting in an almost completely odor-free space. Compost the solid waste and fertilize your lawn with the urine. Suitable for any environment and does not require a heated space!

Urine Toilet

The toilet for those who only need to manage urine. Ideal as a standalone toilet solution for summer cottages or garden cabins, but also works well as a complement to an incineration toilet.



Incinerating Toilets



Nova

Art. No 1230

- ✔ **Sleek design**
- ✔ **Comfortable use**
- ✔ **Extended warranty: 5 years**
- ✔ **High capacity: up to 6 visits per hour**



Separett® Nova is our most modern incineration toilet, developed to offer maximum comfort and seamless operation. The toilet is made in Sweden and designed with a combination of sleek aesthetics and groundbreaking technology, making it an obvious choice for both homes and vacation properties.

The advanced software manages the operation and informs the user when maintenance is due, making Nova a worry-free solution. Thanks to its soft-closing lid and elegant design, the toilet blends into any environment and leaves only a small amount of ash as a byproduct.

Included with the Product

User and installation manual, Poster – How to Use the Toilet, Installation template, O-rings, chisel, sample combustion bags, cleaning brush for the exhaust pipe

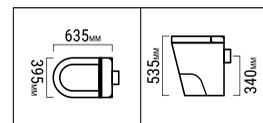
Ventilation parts are not included.

Technical Information

- Material:** Recyclable PC/ABS
- Inner Container:** Stainless steel
- Ashpan:** Acid resisting steel
- Voltage/Power:** 230 V, 1.8 kW. 10 A-amp fuse
- Energy Consumption:** 1.8–2.0 kWh per use
- Standby Energy Consumption:** 0.4 Wh
- Power Connection:** 1.8 m cord with grounded plug
- Fan Noise Level:** Approx. 55 dB(A)
- Max Load:** 150 kg
- Seat Height:** 52 cm
- Connections:** Ventilation Out: Ø110 mm
Ventilation In: Min Ø100 mm

Emptying Interval: Weekly

Assembly and Spare Parts on page 16



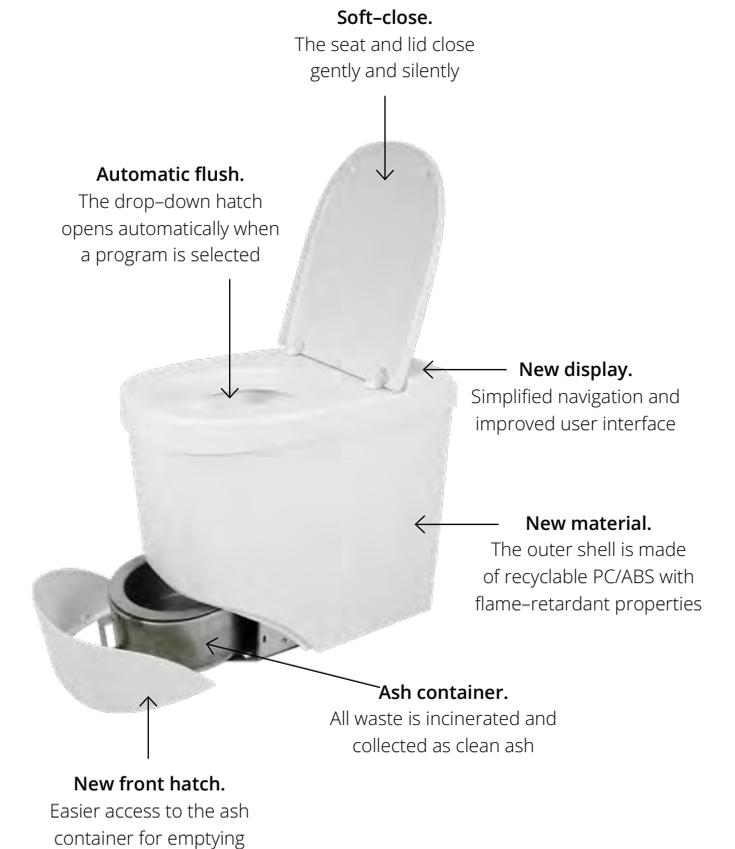
Worry-free ownership

With Separett® Nova, you don't need to worry about the technical side – its advanced software alerts you whenever the toilet needs attention. The display will notify you when it's time to empty the ash container, perform maintenance, or if anything else requires action – making ownership as hassle-free as possible.

Nova is our most advanced incinerating toilet, designed to offer a truly comfortable user experience. Simply select the small or large program – and the toilet takes care of the rest.

Automatic flush

Nova features automatic flushing, replacing the manual flush handle. The drop-down hatch opens automatically when you choose a small or large incineration program – delivering the same user experience as a regular toilet, but without the need for water or sewage.



Modern design for any home

With its elegant and minimalist design, Nova blends into any environment – from modern homes to charming vacation cottages. The sleek aesthetic is combined with smart technology to provide a smooth and hassle-free toilet experience. Nova is more than just a toilet – it's a natural solution for your home.

Discover how comfort and innovation come together in perfect balance with the incineration toilet Nova!

Family II

Art. No 1228

- ✔ Ash as Residue
- ✔ Low Energy Consumption
- ✔ 3-Year Warranty
- ✔ Capacity: 6 Users



The Swedish-made Family II incinerating toilet takes convenience to new heights with groundbreaking incineration technology that delivers unparalleled performance. This high-quality toilet offers hassle-free and efficient operation, with minimal maintenance for an effortless daily experience.

With only a small amount of ash as a residue, the Family II is both an eco-friendly and practical choice. Whether used at home or in a waterless cabin, the Family II guarantees a simplified user experience.

Included with the Product

User and installation manual, Poster – How to Use the Toilet, Installation template, 90° long bend Ø110 mm (exhaust ventilation), wind cap Ø110 mm, O-rings, screwdriver, sample pack of incineration bags, cleaning brush for the exhaust pipe

Technical Information

Material: Recyclable ABS, antibacterial, white-coated galvanized steel

Inner Container: Stainless steel / Ashpan: Acid resistant steel

Voltage/Power: 230 V, 1.8 kW, 10-amp fuse

Energy Consumption: 1.7–2.5 kWh per use

Standby Energy Consumption: 0.4 Wh

Power Connection: 2.4 m cord with grounded plug

Fan Noise Level: Approx. 55 dB(A)

Max Load: 150 kg

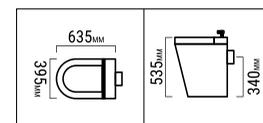
Seat Height: 51,5 cm

Connections: Ventilation Out: Ø110 mm

Ventilation In: Ø110 mm / 160 mm

Emptying Interval: Weekly

Assembly and Spare Parts on page 16



Tip!

Complement with the Pee urine toilet and reduce your electricity consumption



Read more on page 14

Installing Your Incineration Toilet

Always check with your local municipality regarding the regulations in your area before installing the toilet. The incineration toilet requires electricity and proper air intake and exhaust ventilation to function correctly. Separett's incineration toilets are easy to install, and many of our customers handle the installation themselves.

Follow the Instructions

It is essential to always follow the installation instructions carefully. Ensure that the ventilation channels meet the requirements specified in the manual. Always use the included 90-degree long bend during installation. There must be a possibility to install a fresh air vent on an exterior wall, and no bathroom fan should be installed in the same room as the toilet.

Be Prepared

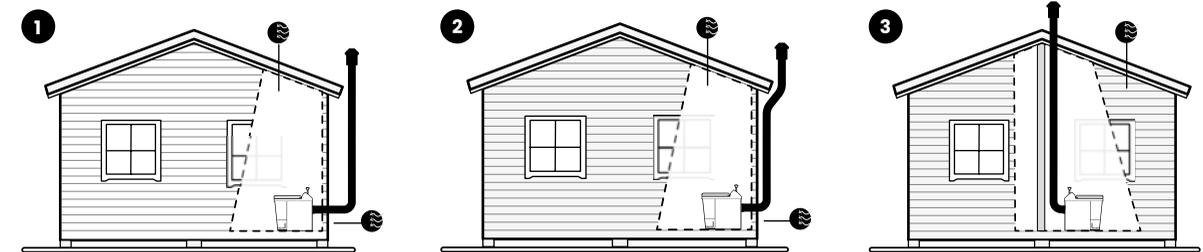
We recommend familiarizing yourself with the user and installation manual included with the toilet. Make sure

you have the necessary tools available for a correct installation and that a separate residual-current device (RCD) is installed.

Alternative Installations

Installing the toilet in a way that does not follow Separett's guidelines may cause malfunctions and impact any potential warranty claims. We recommend the shortest possible ventilation setup to ensure the toilet's performance. It is always important to follow our guidelines for your incineration toilet.

More information on installation, usage, and maintenance can be found on our YouTube channel.



Fresh air vent

Cleaning and Maintenance

Wipe down the toilet externally and internally using a lightly dampened cloth and a mild cleaning agent. Do not rinse the toilet with water, either inside or outside, as this can damage the combustion chamber and control board.

Certain maintenance tasks are indicated by the toilet based on usage hours, such as: cleaning the ash pan and cleaning the exhaust pipe behind the toilet.

Recommended Maintenance

After 1,000 flushes, your toilet will prompt you to perform maintenance. Maintenance should be car-

ried out by Separett's authorized service partners. During this service, worn parts, such as the heating element, are replaced, and the catalyst is cleaned. This maintenance helps extend the lifespan of your incineration toilet.

Cleaning the Ash Pan

When the ash pan has been emptied twice, the toilet will recommend cleaning the ash pan. This cleaning removes crystals formed as urine evaporates during incineration. The steam also provides internal cleaning for the toilet. A detailed cleaning guide can be found on our website.

Supplement with
Ventilation Kit

Art. No 1181

1. Place a disposable bag in the toilet bowl under the seat
2. Always sit down when using the toilet
3. Press down the flush handle
4. Check that the bag has dropped down properly
5. Start an incineration program after each use

Safe Ownership with Separett's Incineration Toilet

Our toilets are IP-rated and approved for installation in bathrooms and wet areas. They are optimized for vacation homes but work equally well as an option in permanent residences.

Safety

High safety ensures comfortable ownership. Separett's incineration toilets are equipped with multiple independent sensors that monitor function and temperature. Mechanical overheat protection guards against overheating, while the surge protector shields against power surges and overload.

The Fan Is Crucial

The power supply must remain on while the toilet is connected to the exhaust pipe. The fan prevents moisture from entering the toilet and blocks cold drafts. If the power is turned off, the toilet must be disconnected from the exhaust pipe. The pipe should then be sealed to prevent moisture from entering the area where the toilet is installed.

If you are away for more than a month, ensure the toilet is stored according to the recommendations found on our website.



Informative and Smart Display

Our incineration toilets are equipped with a smart and informative display that provides clear text information about the toilet's status and notifies you when it's time for tasks such as emptying, cleaning, or maintenance.

The display makes it easy to follow the toilet's needs, ensuring a worry-free ownership experience and confidence that the toilet will notify you in advance.

Our incineration toilets can communicate in up to seven different languages.



Display på förbränningstolett Family II



Display på förbränningstolett Nova

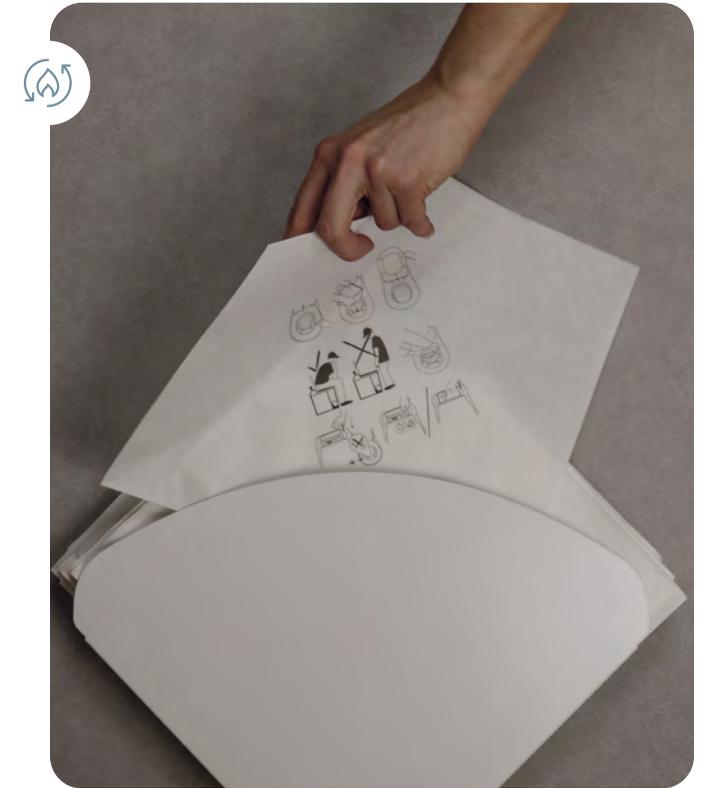
Disposable Bags for Easy Handling

With Separett's disposable bags for your incineration toilet, you can feel confident. The bags hold liquid for up to 20 minutes and slide easily into the combustion chamber after use.

Bag Holder for Your Incineration Bags

Keep track of your incineration bags with Separett's bag holder. You'll always have them within reach – without them standing out!

Fits approximately 100 bags.



Tip!

Find all the accessories for your incineration toilet on our website!



Ash as a Nutrient

Did you know that the ash from an incineration toilet is completely bacteria-free? This means you can use it as a nutrient-rich supplement for your garden plants and flower beds!

PEE

Art. No 1264

- Simple Urine Management
- Unisex Model
- 3-Year Warranty
- Capacity: Unlimited*

* The need for emptying depends on the collection container used



Urinal Toilet Pee is Swedish-made and is specifically designed to handle only urine. It is an excellent choice for those who want to increase the capacity of their incineration toilet or need a convenient and hygienic solution for liquid waste in, for example, a colonist cottage or guest cabin.

This compact toilet is designed to save space and features a built-in water trap that effectively minimizes odors in the toilet area. Pee is easy to install and simple to use, making it a practical and reliable addition to your vacation home.

Waste Management

Pee handles only urine. It can easily be connected to the Separett Ejector Tank to recycle urine as plant fertilizer for your garden and flower beds.

Always check with your local municipality for regulations regarding waste management.

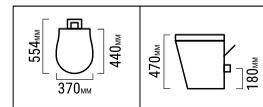
Included with the Product

User and installation manual, 2 m urine hose Ø32 mm, 2 wall brackets for Ø32 mm urine hose, 90° elbow connector for Ø32 mm urine hose, cover plate for Ø32 mm urine hose, wall bracket for the toilet, screws for installation

Technical Information

- Material:** Recyclable ABS, antibacterial
- Seat:** Polypropylene
- Seat Height:** 45 cm
- Connections:** Urine hose Ø32 mm
- Max Load:** 120 kg

Assembly and accessories on page 16



→ Pee has an odor trap that prevents any unpleasant smells

Frequently Asked Questions

1. How does an incineration toilet work?

At a temperature of 550°C, toilet waste is incinerated in the combustion chamber. Liquids evaporate while solid waste burns, and the heating time adjusts based on the amount of waste and liquid in the bag. It is important to only incinerate urine, solid waste, and toilet paper. A small amount of ash remains in the ash pan.

During the incineration process, a fan draws air through the combustion chamber, which oxygenates the incineration and ensures that smoke and hot air are vented through the exhaust pipe. This results in efficient and odor-free use. The clean ash left after incineration can be used as plant fertilizer in the garden.

Example of a typical incineration process:

Heating: 30 to 60 minutes, depending on room temperature

Incineration: 15 to 40 minutes, depending on the model and chosen program

Cooling Phase: About 60 minutes

In total, a complete incineration process takes 100–130 minutes. Consecutive visits add time to each new incineration process.

2. How much energy does a Separett incineration toilet use?

The Family II incineration toilet uses between 1.7–2.5 kWh per visit. The cost per visit depends on the electricity price.

Our incineration toilets consume about 0.4 kWh during 24 hours in standby mode.

3. Do I need permission to install an incineration toilet?

If you are considering buying an incineration toilet, you should first check the regulations in the municipality where the toilet will be installed.

Regulations vary between municipalities, so it is essential to contact them for information on what applies.

4. How often does the ash pan need to be emptied?

The incineration toilet will remind you when it's time to empty the ash pan. If more than 6 people are using the toilet over a period, we recommend manually checking the ash level regularly.

5. Does it smell?

No, almost not at all.

Vapors and smoke are drawn out by a fan and pass through an odor-neutralizing catalyst before reaching the exhaust pipe. Outdoors, you may notice a smell similar to burning wood during the incineration process.

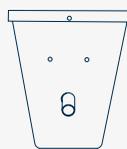
Warranties

Art. No	Product	Warranty
1228	FAMILY II	3 years. The 3-year warranty does not include wear parts, which have separate warranty periods. Heating Element: 1 year. Ash Pan: 2 years Thermo Sensor: 2 years
1230	NOVA	5 years. The 5-year warranty does not include wear parts, which have separate warranty periods. Heating Element: 1 year. Ash Pan: 2 years Thermo Sensor: 2 years
1264	PEE, Urine Toilet	3 years



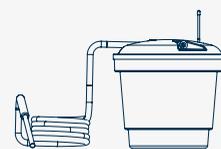
Urine Bowl

The urine bowl collects urine and directs it to the outlet at the back of the toilet



Urine Drainage

The urine can be directed to an infiltration system, a tank, or a Separett Ejector Tank



Urine Management

With the Ejector Tank, the urine is diluted with water and can be used as plant fertilizer

Assembly & Spare Parts

art. no 1118



1. Ventilation Kit
 Ø110 mm, 4 m pipe, 2 wall brackets, 3 straight connectors, 2 connectors 45°, and fresh air vent

art. nr 1811



2. Ventilation Kit
 Ø110 mm, 4 m pipe, 2 wall brackets, 3 straight connectors, 2 connectors 45°, 90° long bend and fresh air vent

art. nr 1812



3. Ventilation Kit
 Ø110 mm, 4 m pipe, 2 wall brackets, 3 straight connectors, 2 connectors 45°, 90° long bend and fresh air vent

art. no 1200



4. Supplementary Kit
 Ø110 mm, 1 m pipe, 1 wall bracket, 1 straight connector

art. no 1216



5. 90° Long Bend
 Ø110 mm, for optimal airflow

art. no 1245



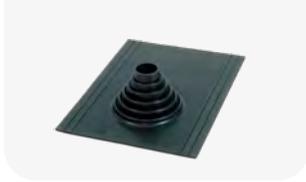
6. Fresh Air Vent Extension
 150x150 mm

art. no 1193



7. Fresh Air Vent
 150x150 mm

art. no 1092



8. Roof Flashing
 For tile and felt roofs, Ø75, 110 mm

art. nr 1813



9. Ventilation Kit Basic
 Ø110 mm, ventilation cap, 1 connecting pipe, 90° elbow and condensation hose

art. nr 1814



10. Ventilation Kit Basic
 Ø110 mm, ventilation cap, 1 connecting pipe, 90° elbow and condensation hose

art. no 1217



11. Ventilation Cap
 Ø110 mm, for optimal airflow

art. no 1215



12. Heated Seat 200
 Fits most toilet seats and provides year-round comfort

art. no 1268



13. Cover Plug
 For Ø110 mm pipes, used for long-term storage

art. no 1177



14. Incineration Bags
 Disposable bags, 500 pcs/pack

art. no 1218



15. Bag Holder
 For storing incineration bags

art. no 1264



16. Pee
 Urine toilet, non-electric.
 A great complement to an incineration toilet

art. no 1155



17. Sally Child Seat
 Gray. With a rubber strip for stability. Fits all toilets on the market

see art. no below



18. Sally Step Stool
 Blue Art. No 1170
 Red Art. No 1169



Urine Diverting Toilets



TINY®

Urine Tank Art. No 1270
Urine Hose Art. No 1271

- ✔ Convertible
- ✔ Designed for Small Spaces
- ✔ 5-Year Warranty
- ✔ Capacity: Unlimited*

* The need for emptying depends on the number of users



Urine diverting Tiny is Swedish-made and takes flexibility to new heights. Tiny is designed to offer optimal capacity in small spaces without compromising on design or functionality. The toilet is available in two different models: a closed system with separate containers for both urine and solid waste, or with a container for solid waste and urine directed to an external container. This ensures hygienic and odor-free use.

Thanks to its sleek and user-friendly design, it is ideal for tiny houses, motorhomes, caravans, boats, and hunting cabins. Tiny offers a smart and sustainable solution for smaller installations where both aesthetics and functionality are of the highest importance.

Included with the Product

User and installation manual, universal adapter 110-240V, waste container, lid for waste container, urine container/internal urine pipe, 2 m urine hose Ø32 mm, wall bracket for urine pipe, 40 cm ventilation pipe Ø50 mm, filter for ventilation pipe, adapter Ø50 mm - 1 1/2", ventilation grille with insect net, wind cap, straight connector Ø32 mm, 90° connector Ø32 mm, wall cover plate Ø32 mm, holder for drain-cleaning tablet, installation diagram, screws for wall/floor mounting, sample pack of compostable bags, sample pack of drain cleaner, sample pack of absorbent cloth

Battery and battery cables are not included.

Technical Information

Material: Recyclable high-gloss polypropylene

Solid Waste Container: 14,5 liters

Liquid Container: 7,1 liters

Voltage/Power: 12V/1.6W

Energy Consumption: 0.04 kWh/day

Power Connection: 1.55 m battery cable or power adapter 110/230V-12V

Fan Noise Level (12V): <30 dB(A)

Max Load: 150 kg

Seat Height: 44-45 cm

Connections: Ventilation Out: Ø50 mm

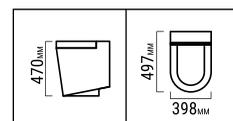
Urine Hose: Ø32 mm

Emptying Intervals for 4 Users:

Urine: Every other day

Solid Waste: Twice per week

Assembly and accessories on page 31



Urine Tank or Urine Hose - Which Model Suits You?

When choosing Tiny® as your toilet solution, there are two models to select from - Tiny® with a Urine Container and Tiny® with a Urine Hose. Both models are based on the same urine-separating principle but offer different solutions for urine management.

We'll walk you through the key differences, which model is best suited for various types of installations, and how waste management works.

Regardless of the model you choose, you'll get an eco-friendly and odor-free toilet solution, perfectly tailored to your needs!

Tiny with Urine Container - A Mobile Solution

Tiny® with a Urine Tank is equipped with an internal urine collection container, a 7.1-liter container, making it an excellent choice for locations where diverting urine to a fixed installation is not possible.

Urine is collected in the urine container, making it easy to empty at an appropriate location, such as a toilet or another approved disposal site.

The urine container is equipped with a tight-sealing lid to prevent spills and odors during transport or when the toilet is in motion. Additionally, the toilet has an indicator light that notifies you when the urine tank is full and needs to be emptied.

Tiny with Urine Hose - A Permanent Solution

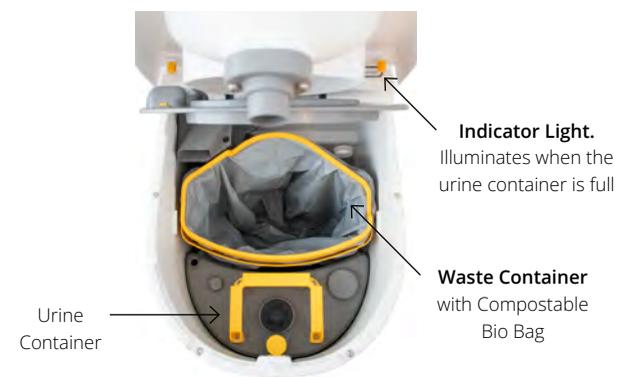
Tiny® with a Urine Hose is designed for fixed installations, where urine is diverted directly via a Ø32 mm hose to a container, infiltration system, Ejektortank, or another approved handling method.

The urine is automatically transported to a collection container or infiltration system, eliminating the need for manual emptying. For proper installation, a 2° incline is required to ensure efficient drainage. The toilet can also be conveniently connected to an Ejektortank for reusing urine as plant fertilizer.

When installing a urine diverting toilet, it is essential to consult your local municipality for approved options regarding the handling of human waste.

Conversion Between Urine Container and Urine Hose

If your needs change, you can also convert Tiny® between models. This flexibility allows you to adapt your toilet solution to new living situations without needing to replace your toilet!



Read more about Tiny with Urine Container



Read more about Tiny with Urine Hose



1. Always sit down when using the toilet
2. When you sit, the privacy screen automatically swings aside
3. Toilet paper can be disposed of in the same compartment as solid waste
4. The urine bowl can be rinsed with a cup of water

VILLA®

Art. No 1067

- ✓ Low Energy Consumption
- ✓ For Both Mains and Solar Power
- ✓ 5-Year Warranty
- ✓ Capacity: Unlimited*

* The need for emptying depends on the number of users



The Swedish-made urine diverting Villa is the obvious choice for those seeking a reliable, convenient, and eco-friendly toilet solution. Its innovative urine separation reduces both odor and waste volume, providing a cleaner, fresher, and smoother toilet experience.

Whether used in an off-grid vacation home or a permanent residence, Villa offers high capacity and reliable performance. Its easy operation and minimal maintenance make ownership hassle-free, allowing you to focus more on enjoying your leisure time.

Included with the Product

User and installation manual, universal adapter for wall socket, waste container, lid for waste container, installation diagram, straight connector for 90° bend, 90° bend for Ø75 mm ventilation pipe, 40 cm ventilation pipe Ø75 mm, wind cap for vertical ventilation pipe installation, ventilation grille for horizontal ventilation pipe installation, insect net for ventilation pipe, cover plate Ø75 mm for ventilation pipe, cover plate Ø32 mm for urine pipe, 2 m urine pipe Ø32 mm, 90° connector for Ø32 mm urine pipe, straight connector for Ø32 mm urine pipe, silicone strip, wall bracket for mounting the toilet to the wall, wall bracket for mounting the urine pipe, screws for wall/floor installation, sample pack of drain cleaner, sample pack of absorbent material, sample pack of compostable bags

Battery and battery cables are not included.

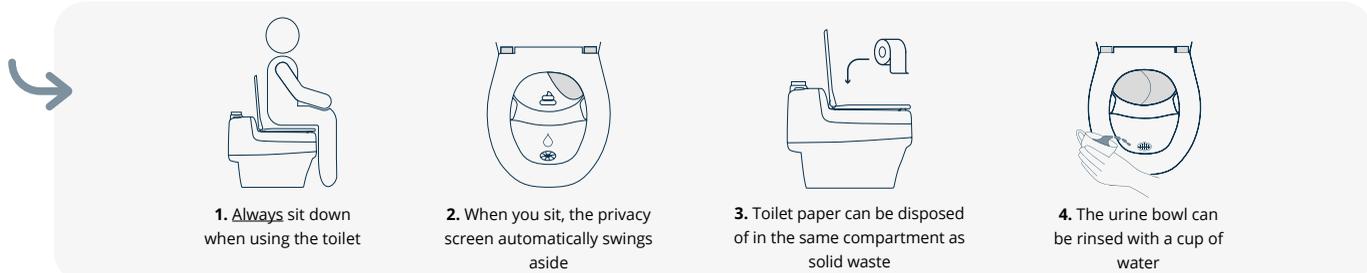
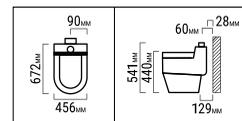
Technical Information

Material: Recyclable high-gloss polypropylene
Solid Waste Container: 23 liters, polypropylene (full container approx. 8-10 kg)
Voltage/Power: 12V / 2.5W / 210 mA
Energy Consumption: 0.06 kWh/day
Power Connection: 1.9 m battery cable or 12/230V power adapter
Fan Noise Level (12V): <30 dB(A)
Max Load: 150 kg
Seat Height: 44 cm
Connections: Ventilation Out: Ø75 mm
 Urine Hose: Ø32 mm

Emptying Intervals for 4 Users:

Urine: When the collection container is full
 Solid Waste: Every 4-6 weeks

Assembly and accessories on page 31



1. Always sit down when using the toilet

2. When you sit, the privacy screen automatically swings aside

3. Toilet paper can be disposed of in the same compartment as solid waste

4. The urine bowl can be rinsed with a cup of water

Install Your Urine Diverting Toilet

Always check with your local municipality for regulations regarding where you live and where the toilet will be installed. A urine diverting toilet requires electricity and ventilation to function properly. Separett's urine diverting toilets are easy to install, and most of our customers handle the installation themselves.

No other fan or ventilation system should be in the same space that also vents air out. Ensure there is a supply of fresh air from outside, with the air intake located as close to the toilet as possible.

Follow the Instructions

It is essential to always follow the installation instructions carefully, ensuring that the ventilation channels meet the requirements specified in the manual. For our Villa® models, we recommend a maximum of three 90° bends and a maximum of six meters of ventilation pipe. The exhaust can be routed through the wall or roof.

The Villa® Extend model also requires a hole through the floor to direct waste to a collection container (not included).

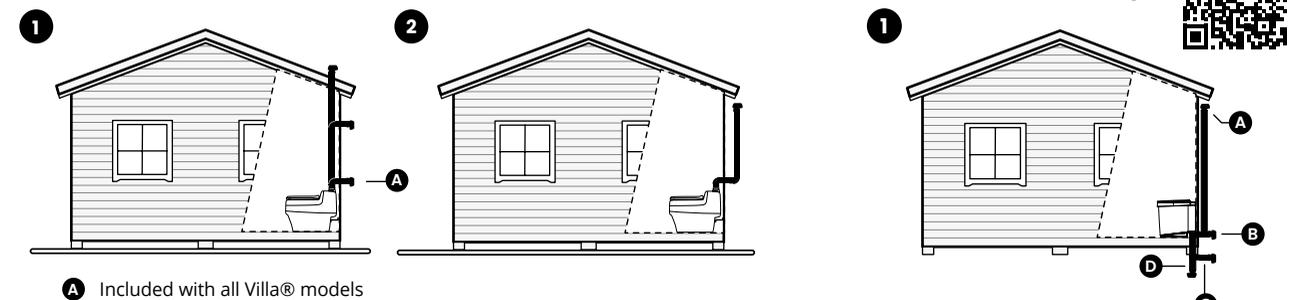
Be Prepared

We recommend that you always familiarize yourself with the user and installation manual included with the toilet and have the necessary tools ready for a correct installation before starting the process.

Alternative Installations

Installing the toilet in a way that does not follow Separett's instructions may lead to malfunctions and can affect any potential warranty claims. We recommend the shortest possible installation to ensure optimal toilet function. Therefore, it is always important to follow our guidelines for your urine diverting toilet.

For more information on installation, usage, and maintenance, visit our YouTube channel.



A Included with all Villa® models

Cleaning and Maintenance

Wipe the toilet with a non-abrasive cleaning agent. Using abrasive cleaners or scouring pads may scratch the surface. Use a lightly dampened cloth for the entire toilet.

Clean the Fan

The fan should run continuously to prevent odors in the toilet space. Rinse the filter in the fan duct with water at regular intervals to maintain proper ventilation.



Urine Pipe / Urine Tank

Clean the urine drainage system regularly, as urine salts can clog the pipes over time. For best results, use a drain cleaner. The urine tank should be cleaned after every third emptying or when there is an extended break in toilet use.

A more detailed cleaning guide can be found on our website.

Urine Diverting Toilets Contribute to Our Ecosystem

Our urine-separating toilets work in all environments and can be installed almost anywhere. They require no water, sewage, or heated space, making them suitable for both vacation homes and permanent residences – a toilet designed for your needs.

Thanks to the separation function, the amount of waste is reduced by approximately 85%, resulting in fewer emptyings and less odor. Any remaining odor is effectively ventilated by the toilet's fan. The fan is efficient, quiet, and keeps the air circulating, contributing to a better indoor climate. For optimal performance, both the fan and toilet should run continuously.

Use Your Waste

You can easily compost solid waste to create nutrient-rich soil, perfect for improving your garden beds. Solid

waste is collected in a waste container. Once full, the container can be easily removed, and the waste can be composted directly in an approved latrine compost. If you don't have a latrine compost, you can store the containers outside for at least one year before handling the waste.

Urine is directed via a hose to an infiltration system or a collection tank if you want to use urine as a fertilizer. Connect the urine hose to a Separett Ejector Tank, which ensures the correct mixture of urine and water for easy application.



Expand Capacity with Villa Extend

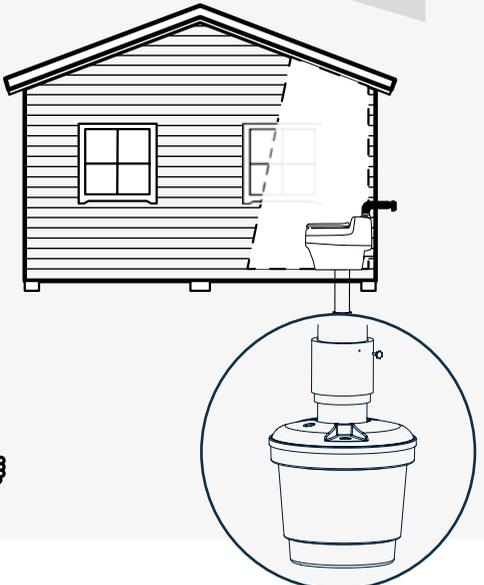
Villa Extend is the perfect solution if you need extra capacity. Instead of an inner container, the toilet features a funnel that directs waste under the floor to a latrine container. With Separett's accessory kit, handling larger amounts of waste becomes simple.

Please note that the container must be accessible from outside for emptying and maintenance. The accessory kit is sold separately.

Learn more about **Villa Extend** on page 24.



- For increased capacity
- Complete accessory kit





A complete sanitation solution

Did you know that Separett offers a complete toilet system?

With our urine diverting toilets, you get a full solution – from toilet to natural fertilizer. The toilet separates urine from solid waste, allowing the urine to be directed to an Ejectortank and used as plant nourishment. The solid waste is collected in a compostable bio bag and composted into nutrient-rich soil. This creates a closed loop – completely without water or sewage.

A perfect choice for summer cottages, vacation homes, or small off grid living. Simple, hygienic, and ready to use – for many years to come.

Learn more about the Ejectortank on page 25 and Waste Management on page 39.



Tip!

Find all accessories on our website



Prevent Clogs in the Urine Pipe

We recommend always using Separett Drain Cleaner with all our urine-separating and urine toilets. Drain Cleaner prevents deposits in the urine pipe, which over time may block the flow.



Compostable Bio Bags

Planning to compost your waste? We recommend using Separett compostable bags, made from corn starch that breaks down along with your waste.

Tip! Never tie the bag closed. If possible, poke holes in the bag to accelerate the decomposition process.

VILLA® Extend

Art. No 1191

- ✔ External Waste Management
- ✔ Increased Capacity
- ✔ 5-Year Warranty
- ✔ Capacity: Unlimited*

* The need for emptying depends on the number of users



The Swedish-made Separett® Villa Extend is the obvious choice for those seeking a reliable, convenient, and eco-friendly toilet solution. Its innovative urine diverting reduces both odor and waste volume, providing a cleaner, fresher, and smoother toilet experience. The toilet requires an external waste container beneath the floor, offering increased capacity for your home.

Whether used in an off-grid vacation home or a permanent residence, Villa Extend delivers high capacity and dependable performance. Its easy operation and minimal maintenance make ownership hassle-free, allowing you to focus more on enjoying your leisure time.

Included with the Product

User and installation manual, universal adapter for wall socket, funnel for directing waste to an external container, installation diagram, straight connector for 90° bend, 90° bend for Ø75 mm ventilation pipe, cover plate for Ø75 mm ventilation pipe, cover plate for Ø32 mm urine pipe, 40 cm ventilation pipe Ø75 mm, 90° connector for Ø32 mm urine pipe, straight connector for Ø32 mm urine pipe, screws for mounting the toilet to the floor/wall, 2 m urine pipe Ø32 mm, wall bracket for mounting the urine pipe, wind cap, ventilation grille, insect net for ventilation pipe, wall bracket for mounting the toilet, silicone strip, sample pack of drain cleaner

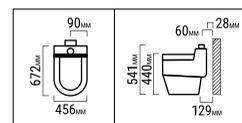
Battery and battery cables are not included.

Technical Information

Material: Recyclable high-gloss polypropylene
Waste Container: 50 liters, polypropylene
Voltage/Power: 12V / 2.5W / 210 mA
Energy Consumption: 0.06 kWh/day
Power Connection: 1.9 m battery cable or 12/230V power adapter
Fan Noise Level (12V): <30 dB(A)
Max Load: 150 kg
Seat Height: 44 cm
Connections: Ventilation Out: Ø75 mm
 Urine Hose: Ø32 mm
 Waste Pipe Connection: Ø160 mm

Emptying Interval for 4 Users (Urine):
 When the collection container is full

Assembly and accessories on page 31



1. Always sit down when using the toilet

2. When you sit, the privacy screen automatically swings aside

3. Toilet paper can be disposed of in the same compartment as solid waste

4. The urine bowl can be rinsed with a cup of water

5. Waste management must be accessible from outside

Ejector Tank

Art. No 1013

“Golden water” provides nourishment for your garden and flowerbeds

Connect your urine-separating toilet to the Separett Ejector Tank and use urine as plant fertilizer. The Ejector Tank automatically dilutes the urine to the correct ratio (one part urine to eight parts water). A float indicates when the tank is full.

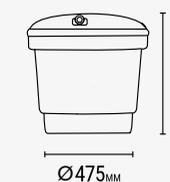
The Ejector Tank is connected using a 1/2" garden hose and can be partially buried. It should be placed lower than the connected toilet. The connecting hose should have a slope of at least 1 cm per meter to ensure proper gravity feed into the tank.

When you purchase the Ejector Tank you receive a 50 liter container, a lid with 8:1 ejector, a float, and a 10 m long 3/4" hose with a 50 cm nozzle.

Material: Recyclable polypropylene
Container: 50 liter polypropylene
 Full container approx. 45 kg
Urine inlet: Ø32 mm
Irrigation nozzle: Quick coupling

Connection: 3/4" garden hose, max. 20 m
Water pressure: At least 2.5 bar (250 kPa)
Emptying interval for 4 users: Weekly

- ✔ Volume: 50 liter
- ✔ Simple urine management
- ✔ Fits all urine diverting toilets



Rescue Camping

Art. No 1165

The possibility of mobile freedom

Rescue Camping is a portable, urine diverting toilet, ideal for outdoor activities or use at a summer cottage. Its unique design offers easy assembly and transport.

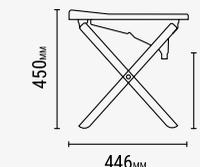
Solid waste is collected in a compostable latrine bag, while urine is directed into the ground or collected in an external container, such as a PET bottle, for later disposal.

When you purchase Rescue Camping toilet, you receive a carrying bag, leg frame, urine hose, seat, lid, and compostable latrine bags

Material: Recyclable polypropylene
Container: 27 liter bag
 Full bag approx. 9–11 kg

Max load: 150 kg
Seat height: 45 cm

- ✔ Easy to transport
- ✔ Comfort for outdoor stays



WEEKEND PRIME

Art. No 1172

- ✔ No electronics
- ✔ Silent operation
- ✔ Sturdy design with no moving parts

The Weekend Prime takes simplicity and reliability to a whole new level. Designed for occasional use, it offers stability and functionality without compromise. The toilet requires no installation and is ready to use straight out of the box, regardless of your situation.

Featuring a closed system with separate containers for both urine and solid waste, it significantly reduces the need for waste management. Its ease of use and user-friendly design make it the ideal solution for cabins, boats, and off-grid living.

Weekend Prime is the obvious choice for those seeking a simple and sustainable toilet solution – wherever you are.

Included with the Product

User and installation manual, solid waste container, urine container, caps for urine container, urine bowl grid/holder for Separett Bioblock, silicon strip, screws for mounting the toilet to the wall/floor, a sample of Bioblock, a sample of Absorb, a sample of compostable waste bags



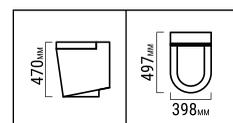
Technical Information

Material: Recyclable high-gloss polypropylene
Solid Waste Container: 14,5 liters
Liquid Container: 7,1 liters
Seat Height: 45 cm
Max Load: 150 kg

Emptying Intervals for 4 Users:

Urine: Every other day
 Solid Waste: Twice per week

Assembly and accessories on page 31



Complete freedom wherever you are

Stable design

Weekend Prime is built with a focus on stability and simplicity. The fixed upper section and absence of moving parts make the toilet extra sturdy and reliable. In addition, there are fewer surfaces where dirt and bacteria can accumulate, resulting in a toilet that is not only easy to clean but also easy to use.

Additional material for solid waste

We recommend using Separett Absorb cloths or a compostable material such as peat or sawdust in the solid waste container to minimize potential odors and moisture.

UNO

Art. No 1186

In case of power outage, to hunter huts or to other temporary use.

Separett Uno is a compact, waterless toilet without urine separation, designed for night-time use, as a backup toilet, or for temporary use. It offers simple and hygienic operation without any installation, making it practical for cabins, guest rooms, vans, and emergency situations. With a clean design and easy handling, Uno provides reliable comfort when a full bathroom is not available.

Separett Uno does not include a fan or any other built-in solution to minimize odors. Since urine is not separated, the waste is mixed, and when solid waste reacts with liquid, odor can occur. To reduce odor, we recommend covering the waste after each use with sawdust, peat, hemp, coconut fiber, or similar bedding or bulking material.

Included in delivery: One 36-liter container, airtight lid, seat ring with lid, and compostable bags.

Material: Recyclable polypropylene
Seat height: 43,3 cm



- ✔ Volume 36 l
- ✔ No electricity
- ✔ Airtight lid
- ✔ Max. load 150 kg
- ✔ Comfortable seat height



Latrine compost

Art. No 30010

Co-composting toilet and household waste

Roslagskomposten is ideal for co-composting household waste and toilet waste. With a secured lid and durable construction, it is a long-lasting composting investment.

Two 500-liter containers handle large volumes of waste. One container is filled to about three quarters and then left to compost while the other container is being filled. The compost is ventilated on both sides.

When co-composting household and toilet waste for permanent living, Roslagskomposten can handle waste from up to five people. Toilet waste contains limited nutrients, which is why the composting time is approximately 12-14 months, depending on the climate.

Included in delivery: One 500 liter container and one lid

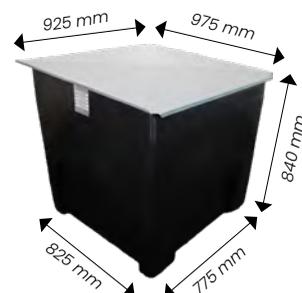
Installation

Placera kompostbehållarna på plan yta. Gärna i skuggläge och så undanskymt som möjligt på tomten.

Material Recyclable shock proof polyethylene. Lid galvanised steel.
Container 1 x 500 liter. Full compost weights about 750 kg



- ✔ Volym 500 l
- ✔ Samkompostering
- ✔ Skyddande lock
- ✔ Tät behållare
- ✔ Ventilationsgaller



Read more about composting and the handling of latrine waste on **page 39**.

Being outdoors is the new indoors

Make your outdoor toilet more practical and hygienic with Separett Privy – a smart solution for simply a better toilet experience! Thanks to urine separation, both odors and waste volumes are reduced, resulting in fewer emptyings and less maintenance.

Upgrade and mount Privy on your existing toilet bench or get creative and use it as a DIY solution. For ne construction, we recommend a seat height of 42 cm.

When you purchase Privy, it includes a 2,5 m urine hose, urine-diverting insert, toilet seat, and mounting hardware (wood screws).

Insert material: Recyclable high-gloss polypropylene
Plastic seat material: Polypropylene
Insulated seat material: EPS (Styrofoam)
Wood seat material: Recyclable birch plywood
Urine outlet: Ø32 mm
Recommended seat height: 42 cm



Tip! Build your own outdoor toilet! You can find a simple guide on our website



Privy



3 advantages of a Privy

- ✔ Year-round comfort
- ✔ Reduced odor
- ✔ Fewer emptying intervals



Tip! Check out our different Privy models on our website!



Insulated Seat 200

Art. No 1215

A replaceable heated seat that attaches to the toilet seat and can be swapped out as needed. It fits all Separett toilet seats and many other toilet seats available on the market.

Material: Polyethylene foam, also known as closed-cell foam

- ✔ 3-pack
- ✔ Replaceable



Insulated Seat 300

Blue Art. No 1012
Gray Art. No 1235

A replaceable, extra-sturdy heated seat that is placed on the outhouse bench. It is 30 mm thick and comes in two colors, fitting all models of dry toilets.

Material: foam plastic (Styrofoam)

- ✔ Perfect for the outhouse
- ✔ Easy to clean



Frequently Asked Questions

1. How does a urine diverting toilet work?

A urine diverting toilet divides urine from solid waste. It is equipped with a fan that removes moisture and odor, ensuring an odor-free environment. The urine is directed through a hose into a collection container or infiltration system, while the solid waste is collected in a latrine container lined with a compostable bio-bag, which can then be composted.

2. Where does the urine go?

The urine is directed through a urine hose, for example, into an infiltration system in the ground, a greywater drain, or a collection container. We recommend connecting an Ejector Tank to your urine-separating toilet. This allows the urine to be used as plant nutrients, as it is automatically diluted with water via the Ejector Tank. Plants can then absorb the nutrients without being harmed. When using an Ejector Tank, you never come into direct "contact" with the urine, making handling simple – you don't need to transport or carry anything; just attach a garden hose and water.

Always check the local regulations in your municipality regarding waste handling.

3. How is solid waste managed?

The solid waste – feces and toilet paper – is collected in a container lined with a compostable latrine bag and can be handled in one of the following ways:

- Incinerate it in a combustion chamber
- Place the latrine container outdoors in a suitable spot with soil on top. Leave the lid slightly open for 12–24 months, then bury the contents or add them to a regular compost
- Compost it directly in an approved latrine compost

Always check the local regulations in your municipality regarding waste handling.

4. Does it smell indoors?

No. The fan runs continuously, preventing any odors from entering the room. Make sure the ventilation pipes are sealed with silicone during installation.

The fan filter inside the toilet should be cleaned regularly, as should the insect screen at the end of the ventilation pipe.

5. Can everyone use a urine diverting toilet?

Yes. For the youngest users, we offer a urine-separating children's seat to make it easier, though our experience shows that children quickly learn the proper seating position on their own. The children's seat fits most urine-separating toilets.

The urine bowl is designed and tested with women of different ages to ensure that urine ends up in the right place. The Separett Villa model includes a removable extension for the urine bowl.

Men should always sit down when using a urine-separating toilet to prevent any liquid from ending up in the latrine container.

Assembly & Accessories

art. no 1021



1. Coupling pipe
90°, Ø75 mm

art. no 1023



2. Coupling pipe
Rakt, Ø75 mm

art. no 1027



3. Cover plate
Ø75 mm

art. no 1030



4. Ventilation cowl
Ø75 mm

art. no 1020



5. Ventilation pipe
2 x 1 m, Ø75 mm, incl. 1 straight connector pipe, clamps, and spacer

art. no 1025



6. Coupling seal
For ventilation pipe, Ø110–75 mm

art. no 1024



7. Coupling seal
For ventilation pipe, Ø75–55 mm

art. no 1092



8. Roof flashing seal
For a secure roof penetration, Ø75/110 mm

art. no 1336



9. Ventilation cowl
Ø50 mm & 1 1/2"

art. no 1332



10. Coupling pipe
90°, Ø50 mm

art. no 1331



11. Straight coupling pipe
Rakt, Ø50 mm

art. no 1335



12. Flexible ventilation hose
Ø50 mm

art. no 1340



13. Cover plate
Ø50 mm

art. no 1334



14. Insect net
Fits Separett Tiny. Pipe cap with insect net, Ø50 mm

art. no 1344



15. Ventilation Kit Tiny
4 x 1 m Ø50 mm ventilation pipe, incl. 1 straight connector pipe, wall brackets and 90° bend

art. no 1032



16. Urine drainage kit
Ø40–32 mm

Warranties

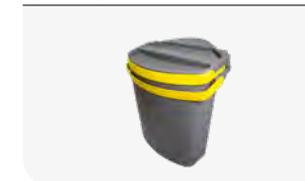
Art. No	Product	Warranty
1067	VILLA®	5 years. Does not include the fan, which has a 3-year warranty
1191	VILLA® Extend	5 years. Does not include the fan, which has a 3-year warranty
1270	TINY® Urine Tank	5 years
1271	TINY® Urine Hose	5 years
1172	Weekend Prime	5 years
1264	Rescue Camping	2 years
1013	Ejector Tank 50L	3 years

art. no 12181



17. Cover plate
Ø32 mm

art. no 1341



18. Latrine container with lid
Fits Separett Tiny & Weekend Prime

art. no 1192



19. Latrine container with lid
Approx. 50 liters, fits Separett Villa Extend

art. no 1098



20. Latrine container with lid
Approx. 23 liters, fits Separett Villa

Assembly & Accessories

art. no 1215



21. Insulated Seat 200
Fits most toilet seats on the market.
3 pairs/pack

art. no 1235 & 1012



22. Insulated Seat 300
Extra sturdy. Placed on the outhouse
bench
Gray 1235 | Blue 1012

art. no 1060



23. Absorbent cloth
Binds liquid and minimizes odors, for
urine diverting toilets. 2 per pack

art. no 1126



24. Solid waste bag
For containers up to 35 liters

art. no 1118



25. Drain cleaner
Prevents buildup in urine drains
5-pack

art. no 1337



26. Compostable bag
For containers up to 14,5 liters
10 bags/roll

art. no 1127



27. Compostable Bio-bag
For containers up to 35 liters
10 bags/roll

art. no 1037



28. Solid waste bag
For containers up to 50 liters

art. no 1101



29. Urine diverting children's seat
Fits your urine diverting toilet. For the
smallest in the family

see art. no below



30. Stool Sally
Blue art. no 1170
Red art. no 1169

art. no 1032



31. Accessory pack Villa® Extend
External collection system

art. no 1026



32. Ejector Tank
Urine handling. 50 liters with 10 m hose

art. no 1342



33. Urine Container
Fits Separett Tiny & Weekend Prime

art. no 1365



34. Compostable Bio-bag
For Separett Uno. 50 liters.
32 bags/roll.



Tips & Inspiration 

Choose a Sustainable Toilet Solution

At Separett, we are committed to contributing to and supporting the UN's Sustainable Development Goals, in particular Goal 6 – clean water and sanitation. Did you know that having access to clean water and sanitation is a human right?

Separett's products are designed based on the principle that everyone should have access to a toilet solution, regardless of where and how you live. By eliminating the need for water and sewage systems, our products can be installed virtually anywhere, allowing us to provide a hygienic toilet solution to everyone in need.

Separett strives to offer customers products that are both user-friendly and comfortable. That's why we've developed a wide range of toilet solutions suitable for many different environments and situations. With the right installation, you'll have a toilet that lasts a lifetime!

Listed here are eight reasons why you should choose a water- and sewage-free toilet solution next time.



- 1 **Simple.** No fuss – just sit down and do your business.
- 2 **Comfortable.** Using a Separett toilet is just as comfortable as any other toilet solution!
- 3 **Flexible.** Our products can be installed virtually anywhere.
- 4 **Compost your waste.** Do something good for the environment, the bacteria, and small critters.
- 5 **Save water.** You save huge amounts of water. Did you know that a traditional flush toilet uses about 35 liters of clean water per person every day?
- 6 **No wastewater treatment plant involved.** You handle the waste yourself, helping to ensure that our waterways, lakes, and oceans remain healthy for the future.
- 7 **Natural fertilizer.** Reuse your waste and gain a natural fertilizer. If you have ash as a byproduct, it can be spread in your garden or flowerbeds.
- 8 **Environmentally friendly.** You reduce your ecological footprint.



Separett Quick Guide

i We recommend that you always be well-informed before installation, placement, and managing latrine waste

What should you really consider before choosing a water- and sewage-free toilet? Separett knows toilets and has created a short guide for you below!

Municipal Regulations

First and foremost, it's the municipality that decides how you should handle solid waste, urine, and urine-mixed flush water. Municipalities base their decisions on local environmental conditions, and their environmental board determines what you may and may not do. When you apply to install a new toilet solution, they check whether your toilet:

1. Can meet the protection level required for the location
2. Is designed to accommodate five year-round residents (also applies to vacation homes)
3. Is supplemented by some form of treatment for bath, dish, and laundry water (graywater)

Municipal regulations are in place to reduce the spread of bacteria. That's why there are requirements for a sealed bottom and that material cannot be spread until at least 12 months after the last addition of waste. Always check with your local environmental office to learn the applicable rules.

Available Space & Suitability of the Property for Infiltration

The more spaces close to the toilet room, the more toilet solutions you can choose from. If you're building a new structure, always consider the toilet early in the building process.

Under the floor, you can use a composting chamber or latrine barrel (if you intend to compost the waste outdoors). Be sure that your space is large enough for your chosen toilet solution.

Are you allowed to use urine infiltration? If so, it's especially important to consider the suitability of the soil, as well as the distance to surface water, drinking water sources, and property boundaries. Sometimes test pits need to be dug to determine soil suitability and the distance to the groundwater.

Installation and Placement

Different toilet solutions have different installation requirements – no two are alike. Keep in mind that proper installation is crucial for the toilet's functionality and longevity. For example, if there is space underneath or some distance away from where the toilet will be located, the number of possible solutions increases.

Comfort, Handling, and Cost

Another important factor to consider early on is comfort, waste handling, and cost. Do you require high comfort, or will you be satisfied with a simpler option? Consider how you want to manage your waste. Reflect on what's important to you. The higher the comfort level and the more automated the waste handling, the higher the cost (both in purchase and operation), and vice versa.



Composting Latrine Waste

We recommend that you consult with your municipality before starting to compost latrine waste. Here are three important points you need to clarify before you begin.

- ✓ **Check municipal regulations.** Contact your municipality well in advance, as different municipalities have different rules.
- ✓ **Place the compost correctly.** Make sure the compost is placed in a shaded area and that you have room for two containers.
- ✓ **Handling and co-composting.** Of course, co-composting is possible. Find out all the practical details before you start.

You can find our guide on page 39



Are you aware of the UN's Sustainable Development Goals?

By 2030, among other targets, the UN's Sustainable Development Goal No. 6 should be achieved – everyone should have access to clean water and sanitation. Learn more about the UN's goals, how the UN works, and what you can do to help on their website:

www.un.org



Always Check with Your Municipality

Are you considering investing in a water- and sewage-free toilet solution? Always check with your municipality first.

The municipality determines how you may and may not handle latrine waste, urine, and urine-mixed flush water. Their environmental board sets the rules, and local conditions always apply.

Get Inspired by Other Separett Users

Find inspiration from how our products are used worldwide! Take part in our users' stories and gain insight into how they live, where they reside, and how they use our toilets.

You can find these stories on pages 40-45



Use Urine as an Effective Plant Nutrient

Did you know that urine contains most of our beneficial waste? If you want a thriving garden, we recommend reusing urine.



Cleaning & Maintenance



We recommend always using a slightly damp cloth and a non-abrasive, biodegradable cleaning agent. Read more about toilet maintenance on our website.



World Water Day

Since 1993, the UN has highlighted the global water crisis through World Water Day. You can help by reducing your daily water consumption. Did you know that a flush toilet uses about 35 liters of clean water per person every day?



Did You Know?

60%

of the world's population does not have access to functioning toilets

28%

of all schools worldwide lack toilets

19%

of hospitals in low- and middle-income countries do not have access to toilets

Billions of People Lack Access to Safe Toilets



Every year on November 19, World Toilet Day highlights the global sanitation crisis. Sanitation is a fundamental human right, yet many people live without this access.

Currently, 3.5 billion people live without access to safe toilets, and 419 million people relieve themselves outdoors. In these situations, diseases spread and claim the lives of thousands of children every year. The global sanitation crisis not only threatens human health but also our environment.

The UN brings attention to the sanitation crisis to raise global awareness. World Toilet Day is also about accelerating change by doing what we can – raising awareness by openly discussing and informing others about the sanitation crisis.

Learn more about the problem and share information within your network – your engagement

Did you know?

Seperett collaborates with the organization Sanima, and together they've provided more than 1,500 households with waterless toilets in Peru

plays an important role in improving the sanitation crisis. Everyone can make a difference!

Three Ways to Make a Difference

- 1 Break the Taboo.** Openly discussing and informing others about the connection between toilets, water, and menstruation can help break taboos and increase awareness.
- 2 Flush Safely.** Fix leaking water and sewage pipes and empty full septic tanks. By taking care of small issues, we can contribute to a safer and cleaner environment.
- 3 Stop Polluting.** Don't dispose of food waste, oils, medications, or chemicals in the toilet or drains. Being aware of what we flush down can minimize pollution and protect our water.



Get Nutrient-Rich Compost Soil

Solid waste should be composted for **12-24 MONTHS**

Latrine Handling

Composting latrine waste may seem complicated, but with the right methods, the process is simple and effective. To compost latrine waste, you need oxygen, water, and a balance between nutrient-rich and nutrient-poor materials. Use compostable latrine bags and place peat moss at the bottom to absorb moisture. Empty the container regularly and mix the compost contents for optimal decomposition.

Placing the Compost

The placement of your compost is crucial. For the best results, place it in a shaded area. This reduces the impact of the sun and allows the compost to "take care of itself." Make sure you have room for two containers and sufficient space to work. Level the ground so it's flat. Municipal regulations on placement are usually few, but avoid placing the compost near drinking water sources or where it might disturb neighbors.

Emptying and Refilling

When emptying the latrine container, use a pitchfork or compost auger to create a small depression in the compost. Empty the container's contents and then cover with compost material. Gently mix the compost during its active period to keep the process going. If the compost feels too wet or too dry, adjust it with bulking material. With proper care, it normally takes 12-24 months for the waste to break down into finished compost soil.

Latrine Bags and Materials

One of the easiest measures to simplify latrine handling is to use compostable latrine bags. To absorb the moisture that accumulates at the bottom of the compost, add a layer of peat moss, which is both cost-effective and practical. When using a urine-separating toilet, an absorbent cloth can be used, which can later be composted together with the latrine waste.

Handling Compostable Bio-Bags

When using compostable bio-bags, choose those made from quickly degradable materials, such as cornstarch. These bags break down faster in the compost, but proper handling is important. Do not tie the bag shut, and make small holes in it to speed up decomposition.

Handling and Spreading Urine

Did you know that a person produces more urine than feces per day? This makes a urine-separating toilet especially practical since it simplifies both composting and nutrient recycling. Urine can be used as plant fertilizer after proper handling. However, always check your municipality's regulations regarding the handling of urine.



Advantages of Different Models

A urine-separating toilet that diverts urine – such as to an infiltration system or an Ejector Tank – results in drier compost that's easier to manage. Less moisture

in the compost reduces odor and makes maintenance smoother. A toilet that does not separate urine will produce wetter compost, requiring more careful handling.



A Life Without Unnecessary Expenses

From an apartment in central Värnamo, Sweden to a 41-square-meter Tiny House – Jonas Birdfield chooses to live without unnecessary costs, yet with all the comforts.

Jonas, 56, is a father of two who shares his life and home with his daughter Julia every other week. He co-owns the company "2.0 Pulverlackering" and describes himself as someone with many irons in the fire. His interests are as varied as his projects, ranging from competing in moped building and drag racing Volkswagens to cycling in the European Championships on a penny-farthing. He sees himself as an artistic soul who is constantly creating something new, guided by the designs and images he carries in his mind.

Building a Home

One of his biggest projects this year has been constructing his future home. After living in a 110-square-meter apartment, he has now adapted to a smaller and more compact lifestyle.

The house is designed to be as inexpensive as possible without compromising on any comforts. Jonas built the house from the ground up, drawing on his experience from the construction retail industry and calling on close friends for help when needed. He chose to build a tiny house to live more simply and affordably, especially since living costs have risen significantly in recent years. Building his home from scratch has allowed him to create a sustainable and economical dwelling, and he also values the ability to move his home if necessary or if new opportunities arise.



Many Years of Planning

After over two years of participating in various forums, managing social media accounts, and searching for inspiration, Jonas began building. With his background, he already had the necessary knowledge, and in addition, he spent countless hours observing how others had done it to create a blueprint for his vision.

The rest of the house is built without detailed blueprints, instead following his instincts and ideas. He received help with calculating and purchasing the right materials, as well as having the materials delivered as the build progressed, which facilitated the process. Jonas can proudly say that he has completed 90% of the house entirely by himself, bringing in help only when needed, such as for electrical work. "You can do most things if you just want to, and the most important thing is to dare," says Jonas, explaining that if a problem arises, he simply sits down and researches to find a solution.

The house is placed in a garage in Värnamo, where it has stood throughout the building process, and Jonas is actively looking for a place to position it once it's finished.

Don't Compromise on Comforts

Despite the house being smaller, at 41 square meters, Jonas has not compromised on any comforts. A dishwasher and washing machine are in place, but no traditional oven or stove; instead, a portable induction hob and an air fryer will be in the home.

A Plejd system and WiFi via satellite are available, allowing Jonas to control heating and lighting from anywhere. This also reduces electricity costs. Jonas has also invested in environmentally friendly solutions such as his own water tanks filled with rainwater and his own graywater filtration system. The possibility to become self-sufficient is also present, for example, if solar panels are installed, which may happen in the future.

Combustion Toilet as a Solution

The choice of toilet solution was obvious for Jonas. Selecting a Separett Family II was primarily due to its similarities to a water toilet, but also because Separett is a local player and a well-known brand in the market.

"I wanted the convenience of as little maintenance as possible and not having to deal with blackwater sewage. For me, there was no other option than a combustion toilet, and the Family II is the best solution on the market for me."

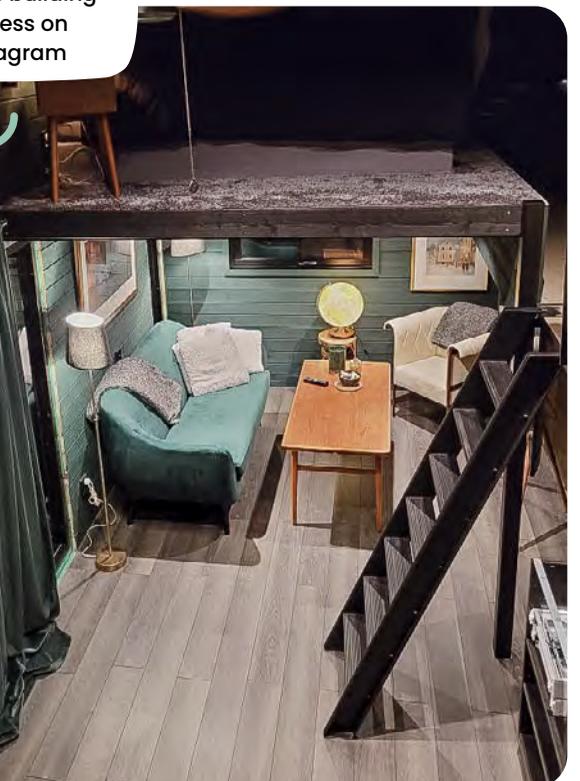
With a combustion toilet, Jonas avoids the need for fixed sewage systems and the extra emptying that other solutions may require. The waste is burned in a combustion chamber, leaving only a small amount of ash. The ash can then be disposed of in household waste or in nature, as it is completely free from bacteria.

Expectations for the Family II are high, and his hopes are that everything will function flawlessly for at least ten years or longer, provided that service and maintenance are properly handled. Since Separett is a local player, access to spare parts and assistance will be readily available if needed. With only an electrical connection, Jonas will achieve the convenience he is seeking, ensuring that his choice of location will never be hindered.

"I am convinced that this toilet solution will be an excellent option for those of us who want to live compactly in the future, and I believe Separett will take the next generation there."

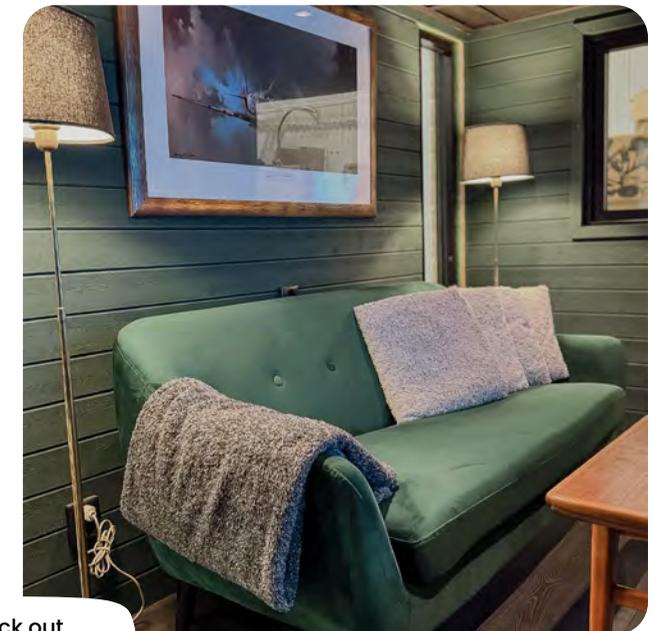


Check out Jonas's building process on Instagram



Plans for the Future

Jonas' creative ideas never rest; he has already begun planning his next project. An even smaller Tiny House that one of his daughters might live in. Continuing to create sustainable and creative living solutions, always with simplicity and the environment in mind, is something that Jonas is truly looking forward to. We will certainly see more of Jonas in the future!



A Decade of Recruiting Stem Cell Donors

Robin and Jolandie Lewis have embarked on a groundbreaking mission that spans over a decade – the world’s first intercontinental stem cell donor recruitment.

Their journey has been inspired by personal experiences, and over four years, they built their truck “Betsy,” which is powered by used cooking oil. Their initiative, Numinous Expeditions, drives the project Matches on the Map.

A Lifestyle Like No Other

The couple leads an alternative and adventurous life, permanently on the roads, with each day bringing a new experience. To maintain their project, they stop at various places including campgrounds, RV parks, and parking lots. Their journey introduces them to many people daily, but their greatest impact occurs in cities where they can reach more individuals with their message.

In 2018, Robin’s life took a dramatic turn when he was diagnosed with leukemia and a rare, incurable disease called Fanconi Anemia (now known as Fanconi Cancer). Faced with a daunting prognosis with an expected lifespan of only 35 years, the couple decided to use the next ten years to give their lives purpose and meaning. Their hope is to inspire others facing similar challenges. Robin’s survival hinged on a single stem cell donor match, a lifeline that saved his life. This realization inspired them to focus on helping others find their second chance. Through their expedition to 64 countries, they strive to find at least one match. A decade on the road may seem long, but it equates to approximately 1.5 months per country.



Travel Plans and Destinations

Robin and Jolandie’s ambitious journey spans 64 countries, with two already completed. They are currently in South Africa, and their next stops include Namibia, Botswana, Zimbabwe, Mozambique, Malawi, Tanzania, and Kenya. Due to conflicts in Ethiopia and Sudan, this is the northernmost point they can travel to on the East Coast for now. From there, they will head to Uganda, Rwanda, Burundi, and then Zambia, moving westward until they reach Angola.

They will then follow Africa’s west coast up to Morocco, where they will cross over to Spain and the rest of Europe, ultimately entering Asia via Turkey. The final goal of their project is Vietnam.

Separett Tiny®: An Innovation for Life on the Road

Robin and Jolandie discovered Tiny® while searching for various toilet options that would suit their unique lifestyle. At that time, they were using a chemical toilet that had suffered some damage and could only be used in emergencies.

Initially, they were hesitant about composting toilets. Emptying a cassette toilet in household or camping facilities was simple, and they feared that a composting toilet could become messy and smelly, requiring the addition of sawdust or sand. Tiny® changed their perception, convincing them that there were functional alternatives, and this pleasantly surprised them.

Installation, Functionality, and Practicality

Since both are handy, they found the installation simple and smooth. The installation manual provided a good step-by-step guide, and the process was very uncomplicated.

Like with any new equipment, they had concerns about potential problems and expected an adjustment period, but Tiny® integrated seamlessly. Considering their limited space and uneven terrain, there was concern about

splashing and spills, but both aspects were well managed. Before transport, a lid is placed on the urine tank to prevent spills.

Robin and Jolandie often participate in events and group discussions where people are curious about their motorhome, Betsy, and its interior. Consequently, they were also concerned about the toilet smelling indoors, especially since their previous toilet had caused issues. Fortunately, Tiny® keeps their home odor-free as long as the built-in fan is running. The fan’s minimal power consumption is ideal for their home, allowing continuous operation without problems. Emptying both urine and solid waste is practical, and Tiny® has functioned flawlessly during their journey.

Impressions and Recommendations

The couple is incredibly satisfied with the urine diverting Tiny®, and its smart and simple design makes it an excellent choice for anyone looking to save water and simplify waste management during travels. It is sleek and gives their bathroom a truly homely feel while perfectly fitting their on-the-road lifestyle. They proudly showcase their toilet, which is something not many choose to do!

The only issue they have encountered is the difficulty in obtaining Separett’s recommended compostable waste bags in certain areas, and they prefer to stick to the original bags. Although Separett’s brand is represented by dozens of distributors worldwide, there are still areas where the availability of consumables is not optimal. Overall, the toilet works perfectly for their needs!

An appreciated feature of Tiny® is the ability to secure the urine tank with a lid when traveling, the practical indicator light that illuminates when the tank is full, and the overall design compared to other off-grid alternatives available. Handling the urine is straightforward. However, managing the solid waste requires some planning, especially in more remote areas, but beyond that, the handling is problem-free.

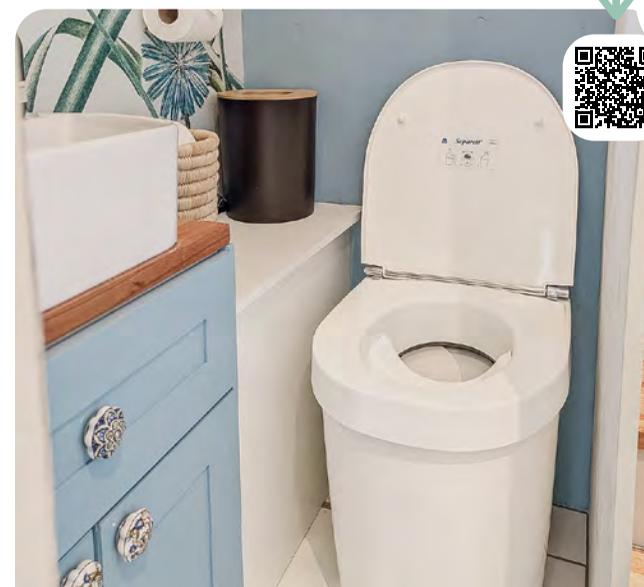
Conclusion

Robin and Jolandie’s mission with Numinous Expeditions is deeply personal and driven by a desire to make a meaningful impact. Through Matches on the Map, they strive to give others the same second chance that Robin was fortunate to receive.

During their travels, they rely on practical and efficient solutions to maintain their mobile lifestyle, and Tiny® has become an essential part that supports their mission to travel the world to fulfill their purpose.



Follow Their Journey on Instagram



Sustainable, Simple, and a Smart Toilet Choice for Sailors

Heikki and Outi, sailing enthusiasts from Finland, purchased their sailboat Olivia in 2017 and completed a one-year sailing trip from Finland to the Canary Islands and back. They are currently sailing in the Baltic Sea and planning to undertake a world circumnavigation.

Before they can embark on their journey, they need to make some modifications to the boat, and one of the most important upgrades is installing a new toilet. In their search for a new toilet solution, they discovered Separett and the urine-separating Tiny®.

Few Alternatives for Marine Toilets

Alternatives for marine toilets are limited, and after carefully considering the pros and cons, Heikki and Outi decided to switch from a traditional marine toilet to a composting toilet. Their goal was to eliminate the constant hassle of changing pipes, dealing with toilet pump issues, clogs, leaks, and searching for stations to empty waste.

It seemed like a practical solution to install a composting toilet on the sailboat, and moreover, Heikki and Outi were inspired by the successful use of composting toilets in cabins and motorhomes.

All the positive feedback from other sailors who had switched from a traditional marine toilet to a composting toilet gave the couple the confidence to try something new. Hearing about others' successful experiences



reinforced their decision, even though the concept seemed too good to be true. There was also a small part of them wondering if it was too good to be true.

Separett Tiny® Became the Solution

There were several reasons why Heikki and Outi chose Tiny® as their toilet solution. Firstly, its reasonable price was an attractive factor, and as far as they know, it is one of the most affordable composting toilets on the market. Secondly, Tiny® has an appealing design – a sleek and minimalist look is rare for composting toilets.

Finally, by using Tiny®, the couple does not have to discharge waste into the sea, and protecting the oceans is important to both Heikki and Outi. By switching to Tiny®, they can help reduce the amount of waste entering the water. This environmental perspective was a significant factor in their decision to move away from the traditional marine toilet.

Installation on the Boat

Installing Tiny® also involved modifying the space, making the installation process more labor-intensive. But in hindsight, the actual installation of the toilet was very simple. Managing the toilet in the tight space on a boat was easy, as it is much lighter than a traditional porcelain marine toilet. This was immediately noticeable as the installation of Tiny® was done while the boat was on land, and the couple had to carry it up a ladder into the boat.

With Tiny® well in place and the other modifications complete, it was fixed to the floor, and the ventilation hose was installed. They utilized an existing ventilation vent in the ceiling for the hose. The actual installation tasks included securing the composting toilet to the floor, installing the ventilation hose, and connecting the wires for the fan. It was a surprisingly easy process!



Observations from a Sailor's Perspective

More Extra Space! Removing the old marine toilet and septic tank (waste tank) gave Heikki and Outi a significantly larger storage space in their 31-foot sailboat. Since the composting toilet does not require water pumping and no waste needs to pass through pipes, they could seal two hull penetrations. This greatly increased their peace of mind, knowing there were fewer potential points for water to seep into the boat below the waterline.

There are high expectations for Tiny®, they are very enthusiastic about this simple product and hope that maintenance will be significantly reduced. They find wastemanagement easy and do not expect any hassles. The most exciting part is seeing how Tiny® handles the boat's tilting. The couple does not expect the tank capacity to be the same as on land, but it remains to be seen when they are out on the water.

So far, Heikki and Outi have been very satisfied with their choice, and Tiny® has performed excellently. When the boat is on land, they cannot give a full recommendation for sailing use, but they will share their experiences once Tiny® has been tested on the water!



Tiny is installed with a flexible ventilation hose.

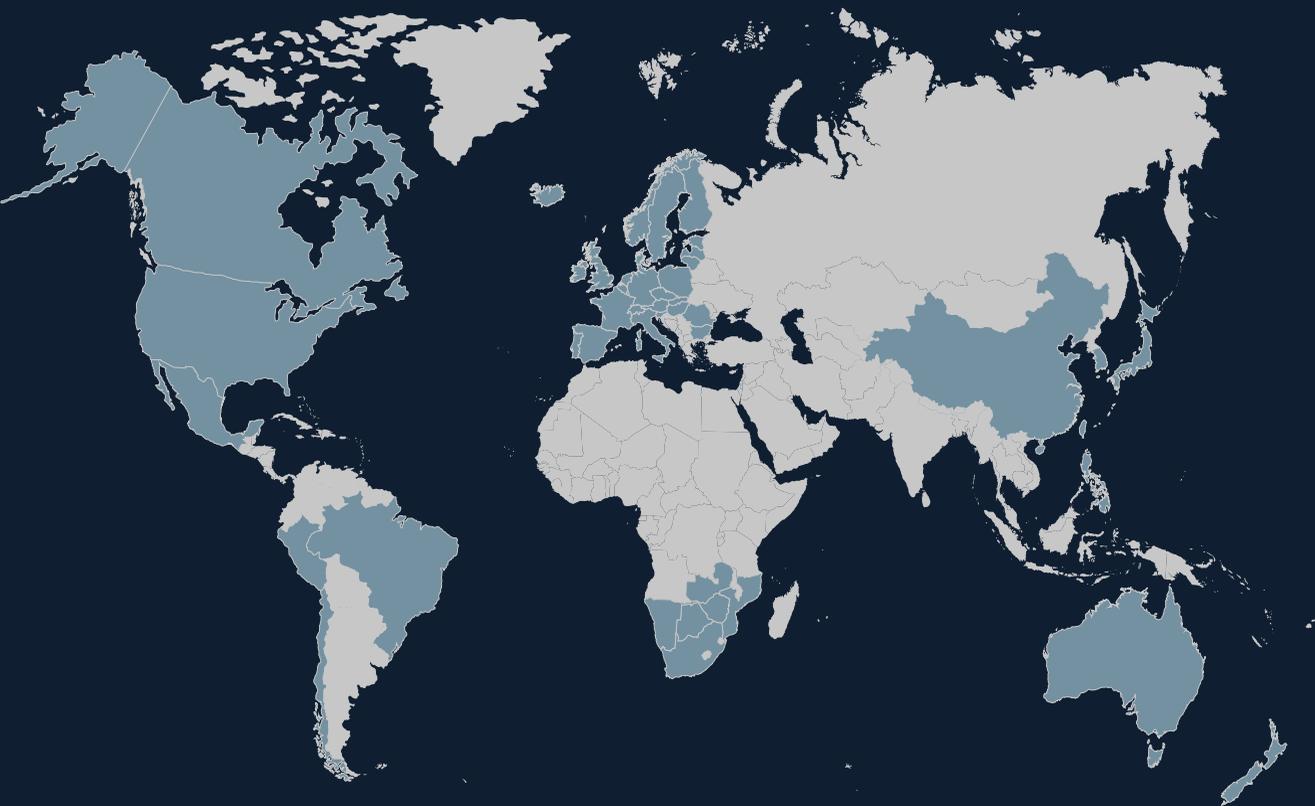


Follow Heikki and Outi on Instagram





Our Global Presence



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